

# **University of Nigeria**

## **2016-2018 Calendar**



**University of Nigeria**  
**Nsukka, Nigeria**

Published by  
University of Nigeria Senate Calendar Editorial Board

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## The University of Nigeria Song

### Verse I

*Solo I:* Hail Varsity of Nigeria, my Alma Mater;

*Refrain:* Hail her and rejoice for the sake of truth.

*Solo II:* Where Young men and women do seek for knowledge;

*Refrain:* Hail her and rejoice for the sake of knowledge.

*Solo III:* Where the Nation's potentials do brood in the nest;

*Refrain:* Hail her and rejoice for her noble ideals.

*Solo IV:* Hail Varsity *par excellence* our dreams come true;

*Refrain:* Hail her and rejoice for the giant awakes.

TUTTI (All) My Alma Mater, my Alma Mater,  
Noble are thy looks and thy ideals;  
And great art thou in Science and in Art.  
In other realms of learning,  
Thou art all sublime.

### Verse II

*Solo I:* Hail Varsity of Nigeria my Alma Mater;

*Refrain:* Hail her and rejoice for her lofty plans.

*Solo II:* The Varsity that is sited on soft green hills;

*Refrain:* Hail her and rejoice for her beauty's sake.

*Solo III:* Hail Varsity of our glory, the pride of our land;

*Refrain:* Hail her and rejoice for her light will shine.

*Solo IV:* Hail Varsity *par excellence* our dreams come true;

*Refrain:* Hail her and rejoice for the giant awakes.

TUTTI (All) My Alma Mater, my Alma Mater,  
Noble are thy looks and thy ideals;  
And great art thou in Science and in Art.  
In other realms of learning,  
Thou art all sublime.

### **The Alma Mater Pledge**

To you, the University of Nigeria,  
our Alma Mater,  
we hereby pledge our minds and hearts  
in loyalty and faith  
to seek truth  
to teach truth, and to preserve truth.  
We solemnly dedicate ourselves  
to that proud and noble purpose  
which our University has made its own  
to restore the dignity of man,  
In all our words and deeds  
we shall seek to cherish and maintain  
that spirit of nation-building  
that the University of Nigeria sets forth in its philosophy,  
In order that,  
by the grace of God,  
our youth may be enabled to rediscover themselves  
and to dedicate their lives anew  
to the building of a great nation.  
May God so guide the destinies of our University  
that it shall be a beacon of hope  
to those who seek knowledge and skill  
for the service of humanity.  
And To God we humbly pray for strength and guidance  
to maintain this our solemn pledge.





**Muhammadu Buhari, GCFR**  
President and Commander-in-Chief of the Armed Forces  
Federal Republic of Nigeria  
Visitor



**His Imperial Majesty, Oba Adeyeye Enitan Babatunde Ogunwusi, Ojaja II**  
The Ooni of Ife  
Chancellor



**Chief Mike Olorunfemi**  
The Pro-Chancellor



**Professor Benjamin C. Ozumba**  
MB,BS (Lagos), MRCOG, FRCOG, FWACS, FRCOG, FACS  
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## Editorial Comment

The University of Nigeria Calendar has not appeared since the 2007/2009 Edition. The 2016/2018 Edition happily falls short of a tenth anniversary by one year. The temporal gap did not arise from forgetfulness; it is rather an indication of difficulties that could stand in the way of what should be a regular university publication – indeed a sessional event. The functionaries who ensured the regular appearance of past editions undoubtedly deserve commendation, and are duly commended not least for the unstinting self-sacrifice involved.

By the same token, the reactivation of the Calendar and the present publication would not have happened without the overcoming of obstacles. It is proper in this regard, therefore, to publicly acknowledge the leadership of the Vice Chancellor, Professor B.C. Ozumba in ensuring that each and every functionary and organ of the University, including the Senate Calendar Editorial Board, is enabled to play its assigned role effectively. To be acknowledged also is the dedicated commitment of the members of the present Senate Calendar Editorial Board, together with Professor Ola Oloidi, who was coopted by the Board and brought along his wealth of experience from regular Calendar publication during the period 1998-2007, and the Head of the Publications Unit of the University, Mrs Anthonia Amadi, who doubles as the Secretary to the Editorial Board.

But of course, there would have been no Calendar without the faculties, teaching, research, and administrative units providing information as requested about their functional roles, programmes, and personnel. Some did not lose any time at all to respond to the calls sent out by the Board for this information; for others it took quite some time to put their materials in a state that they could be used by the Calendar Editorial Board. For a very small number, it was only their staff lists that probably needed updating. In this case, the programmes and other information from the 2007/2009 Calendar were used. Late submission of materials, however, as well as failure in many cases to use the Calendar format in presenting the required information created editorial challenges some of which could not be handled in the limited time available to the Calendar Editorial Board. It is hoped that all the entities covered by the Calendar will maintain a constantly updated and properly proofed staff list and academic programme, as the case may be, and properly formatted, with qualifications arranged in ascending order, from the lowest to the highest, the awarding bodies precisely stated ((Awka) not

(UNIZIK), (Oxford) not (UK); and (Cornell) not (New York), where the city is home to several higher institutions). Future editions of the Calendar will be error-free and come out in a timely manner if collation and basic proofing of materials are done by the departmental administration early enough.

This new publication contains many recently revised and updated academic programmes; it also contains programmes that have only recently come into existence. The new programmes being presented in the Calendar format for the first time in the 2016/2018 Edition are from the Faculty of Law, which has four new departments, bringing its total number to seven; from two new faculties created out of Education and Medical Sciences, respectively the Faculty of Vocational and Technical Education, with five departments, and the Faculty of Basic Medical Sciences, with three. There were also two departments resulting from the splitting of the former Department of Home Science, Nutrition & Dietetics. As well as these, there are also institutes and centres recently set up to follow up specific areas of research or address certain aspects of knowhow perceived as national needs. These include the UNN/Shell Centre for Environmental Management and Control (CEMAC), Centre for Igbo Studies, Institute for Maritime Studies, Institute for Drug-Herbal Medicine-Excipient, Institute of Molecular Medicine and Infectious Diseases, Institute of Maternal and Child Health, Institute of Public Health, and Centre for Distance and E-Learning. The Calendar has also been enriched by the much increased number of combination degree options, especially in the Faculties of Arts, Biological Sciences, Education, and the Social Sciences. It goes to show the ready responsiveness of the University to the needs of the times: it is a University diversifying and growing in complexity as it strives to meet the demands of the various publics it serves and its different stakeholders, by identifying and providing human and material resources for aspects of the pursuit of knowledge needed to enhance its service delivery. The teaching and research components of all this is what the Calendar gathers together and presents to the public.

This Edition of the University of Nigeria Calendar has also created space for the first time for a very special arm of the University, the College of Medicine, comprising four faculties – which are presented in alphabetical order together with all the other thirteen faculties of the University. Space has also been created for Professors Emeritus of the University.

*Professor A.N. Akwanya*

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## UNIVERSITY OF NIGERIA, NSUKKA

### TIME-TABLE OF EVENTS FOR 2018/2019 SESSION

#### University of Nigeria, Nsukka

#### Time-Table of Events for 2018/2019 Session

#### First Semester 2018/2019 Session

##### October 2018

Tuesday 02 –	FOUNDERS' DAY CEREMONIES
Sunday 07	
Thursday 18	Arrival of freshmen/provision of accommodation
Monday 22	Registration begins for freshmen
Thursday 25	Arrival of continuing students/provision of accommodation
Monday 29	Registration begins for continuing students
Wednesday 31	University-wide Orientation for freshmen

##### Nov-18

Friday 02	Departmental Orientation
Monday 05	Lectures begin for both fresh and old students
Friday 09	Registration ends for old students
Monday 12	Late Registration begins for old students
Friday 23	Late Registration ends for old students

##### Monday, 26 November – Sunday, 02

#### December 2018 Convocation

##### Ceremonies

##### Dec-18

Friday 14	Registration ends for freshmen
Wednesday 19	<b>Lectures end and Christmas break begins</b>

#### JANUARY 2019

Wednesday 02	<b>Christmas break ends/Students return to Campus</b>
Thursday 03	Lectures resume

##### Saturday, 19 January

#### 2019 – Matriculation

##### Ceremonies

##### Feb-19

Friday 15	Lectures end
Monday 18	Revision begins
Friday 22	Revision ends
Monday 25	Departmental examinations begin

##### March 2019

Friday 08	Departmental examinations end
Monday 11	Examinations in inter-faculty and inter-disciplinary courses begin
Friday 22	Examinations in inter-faculty and inter-disciplinary courses end

#### End of First Semester and Students vacate Campus

#### Second Semester 2018/2019 Session

##### April

Monday 08	Students return to campus
Tuesday 09	Registration begins for all students
Thursday 11	Lectures begin
Monday 15	Last day for submission of first semester results to the Department. Processing of results begins in the Department
Thursday 18	Registration ends

#### Friday, 19 April – Monday, 22 April 2019 – EASTER BREAK

Tuesday 23	Lectures continue
Tuesday 30	Late registration begins
	Last day for submission of first semester results to the

	Registry (Examinations). Processing of results begins in the Registry
<b>May-19</b>	
Tuesday 07	Deadline for checking of results by Heads of Department.
<b>July 2019</b>	
Friday 19	Lectures end
Monday 22	Revision begins
Friday 26	Revision ends
Monday 29	Departmental examinations begin
<b>Aug-19</b>	
Friday 09	Departmental examinations end
Monday 12	Examinations in inter-faculty and inter-disciplinary courses begin
Friday 23	Examinations in inter-faculty and inter-disciplinary courses end
<b>End of 2018/2019 Session and Students Vacate Campus</b>	
<b>Sep-19</b>	
Friday 13	Last day for submission of second semester results to the Department. Processing of results begins in the Department
Friday 20	Last day for submission of first semester results to the Registry (Examinations). Processing of results begins in the Registry
Friday 27	Deadline for checking of results by Heads of Department.
<b>October 2019</b>	
Monday 7- Friday 11	Faculty Boards Meet to consider and approve final year students' results
30-Oct	Senate meets to consider and approve final year results
<b>SUMMARY FOR THE SESSION</b>	
<b>First Semester:</b>	Lectures 12 weeks and 2 days
Revision	1 week
Examination	4 weeks
<b>Total</b> –	17 weeks and 2 days
<b>Second Semester:</b>	Lectures 13 weeks and 5 days
Revision	1 week
Examinations	4 weeks
<b>Total</b> –	18 weeks and 5 days
<b>Grand Total</b> –	<b>36 weeks</b>

**Time Table of Events for 2017/2018 Session**  
**First Semester 2017/2018 Session**

**October 2017**

- Tuesday 03 – Sunday 08 - **Founders Day Ceremonies**
- Wednesday 25 - Arrival of freshmen and old students/provision of accommodation
- Thursday 26 - Registration begins for all students

**November 2017**

- Wednesday 01 - University-wide Orientation for freshmen begins
- Friday 02 - Departmental Orientation
- Monday 06 - Lectures begin for both fresh and old students
- Friday 10 - Registration ends for old students
- Monday 13 - Late registration begins for old students
- Friday 24 - Late registration ends for old students

**December 2017**

**November 27-December 03: Convocation Ceremonies**

- Friday 15 - Registration ends for freshmen
- Saturday, 16 December: Matriculation day
- Wednesday 20 - **Lectures end and Christmas break begins**

**January 2018**

- Tuesday 02 - **Christmas break ends/Students return to campus**
- Wednesday 03 - Lectures resume

**February 2018**

- Monday 19 - Revision begins
- Friday 23 - Revision ends
- Monday 26 - Departmental Examinations begin

**March 2018**

- Friday 02 - Departmental Examinations end
- Monday 05 - Examination in inter-faculty and inter-disciplinary courses begin
- Friday 16 - Examination in inter-faculty and inter-disciplinary courses begin

**End of First Semester and Students vacate Campus**

**Second Semester 2017/2018 Session**

**April 2018**

- Monday 02 - Students return to Campus
- Tuesday 03 - Registration begins for all students
- **Lectures begin**
- Last day for submission of first semester results to the Department.
- Processing of results begins in the Department
- Friday 13 - Registration ends
- Monday 16 - Late registration begins
- Friday 20 - Last day for submission of first semester results to the Registry (Examination). Processing of results in the Registry
- Late registration ends
- Friday 27 - Deadline for checking of results by the Heads of Department
- Friday 30 – Monday 02 - **Easter Break**

**June 2018**

- Friday 29 - Lectures end

**July 2018**

- Monday 02 - Revision
- Friday 06 - Revision
- Monday 09 - Departmental Examinations begin
- Friday 13 - Departmental Examinations end
- Monday 16 - Examinations in inter-faculty and inter-disciplinary courses begin
- Friday 27 - Examinations in inter-faculty and inter-disciplinary courses end

**End of 2017/2018 Session and Students vacate Campus**

**August 2018**

- Friday 10 - Last day for submission of second semester results to the Department and processing of final year students results begins in the Departments
- Friday 17 - Last day for submission of second semester results to the Registry (Examinations). Processing of results begins in the Registry.
- September 2018**
- Friday 14 - Deadline for checking of results by Heads of Department
- Tuesday 18 – Friday 21 - Faculty Boards meet to consider and approval final year students' results
- October 2018**
- Wednesday 31 - Senate meets to consider and approve final year Students' results.

**Summary for the Session**

First Semester:	Lectures	-	12 weeks + 4 days
	Revisions	-	01 week
	Examinations	-	03 weeks
	<b>Total</b>		<b><u>16 weeks + 4 days</u></b>
Second Semester:	Lectures	-	12 weeks + 3 days
	Revisions	-	01 week
	Examinations	-	03 weeks
	<b>Total</b>		<b><u>16 weeks + 3 days</u></b>
<b>Total for the Session</b>			<b>33 Weeks</b>

**Visitor**

MUHAMMADU BUHARI, *GCFR*, President and Commander-in-Chief of the Armed Forces,  
Federal Republic of Nigeria.

**Chancellor**

His Imperial Majesty, Oba Adeyeye Enitan Babatunde Ogunwusi, Ojaja II, the Ooni of Ife

**Pro-Chancellor and Chairman of the Governing Council**

Chief Mike Olorunfemi

**Vice-Chancellor**

Professor B.C. Ozumba, MB.BS (Lagos), FMCOG (NPGMC), FICS (USA), MRCOG (London),  
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Professor J. C. Ogbonna, B.Sc. (Nigeria), M.Eng. (Yamanashi, Japan), Ph.D. (Tsukuba Japan),  
FBSN

**Deputy Vice-Chancellor (Administration)**

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(Germany), JSPS Fellow

**Deputy Vice-Chancellor Enugu Campus**

Professor E.O. Nwosu, LL.B, BL, LL.M. Ph.D. (Nigeria)

**Provost, College of Medicine**

professor E.N. Onwasigwe, MBBS, FMCOPh, FWACS, FICS

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**University Librarian**

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Professor B. C. Ozumba, *Vice-Chancellor*

Professor J. C. Ogbonna, *Deputy Vice-Chancellor (Academic)*

Professor C. A. Igwe, *Deputy Vice-Chancellor (Administration)*

Professor E.O. Nwosu, *Deputy Vice-Chancellor (Enugu Campus)*

J. N. J. Ewulu, *Representative of Minister of Education*

Abdullahi Yunusa

Kinika-Nsirim Access Uchechi

Akinyelure Pius Oloye

Prof. R. C. Ezeokonkwo

Prof. Uju C. Umo

Prof. F. C. Chilaka

Prof. Jerry O. Ugwuanyi

Barr. M. A. Obayi

Dr. Chike Ubani

Prof. S. O. C. Ugwu

Barr. Chris C. Igbokwe, *Registrar*  
Prof. E. N. Onwasigwe *Provost, College of Medicine*  
Mr. J. K. Edeh, *Bursar*

**Council Members (2009-2017)**

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Professor B. C. Ozumba, Vice-Chancellor  
Professor J. C. Ogbonna, Deputy Vice-Chancellor (Academic)  
Professor C. A. Igwe, Deputy Vice-Chancellor (Administration)  
Professor S. N. Uchegbu, *Deputy Vice-Chancellor (Enugu Campus)*  
Alhaji Ibrahim Uba, Rep. of the Federal Min. of Education  
Mr. Akin Taiwo  
Chief Chado Labar  
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Prof. E. N. Onwasigwe  
Prof. E. O. Ezeani  
Prof. C. A. Igwe  
Prof. Rose U. Osuji  
Professor C.O. Omekwu  
Sir Eras C. Okoro  
Chief N. C. Ngwu  
Rep. of Convocation  
Mr. A.I. Okonta, Registrar  
Prof. E. N. Onwasigwe Provost, College of Medicine  
Mrs. C. E. Obi, Bursar



## **Chapter 1**

### **Founding and Philosophy of the University**

#### **Founding**

A law to establish a University in the Eastern Region of Nigeria was passed in 1955. While that date marks the formal beginning of the history of the University of Nigeria, the enactment of this legislation was in fact the culmination of many years of thought and discussion by several Nigerian leaders, and inspired particularly by the then Premier of the Eastern Region, Dr Nnamdi Azikiwe.

One of the first steps taken by the Eastern Nigeria Government towards the implementation of its commitment was an invitation to both the United States of America and the United Kingdom to send advisers to help in the planning of physical and educational aspects of the proposed university.

Under the joint auspices of the Inter-University Council for Higher Education and Overseas and the International Co-operation Administration (now the United States Agency for International Development), Mr. J.W. Cook, Vice-Chancellor of the University of Exeter, Dr John A. Hannah, President of Michigan State University and Dr. Glen L. Taggart, Dean of International Programmes at the same University, came to Nigeria in 1958. The team surveyed the present site at Nsukka, and extensively investigated a great variety of factors pertinent to the establishment of a new university.

The results of their efforts were contained in a White Paper issued by the Eastern Nigeria Government on 30th November 1958. They had recommended, "that the development of the University of Nigeria based upon the concept of service to problems and needs of Nigeria, is a desirable project and one that should receive support from any source which could help to make it a sound endeavour".

They further recommended that a provisional council be established to "draw upon the technical and consultative resources available throughout the world for help in planning the institution". This provisional council, authorised by the Eastern Nigeria Legislature, was appointed by the Governor in Council in April 1959, and given necessary financial and administrative powers to build a sound university.

The provisional council reflected the spirit of international cooperation, which has given birth to the institution. It consisted of Dr. Nnamdi Azikiwe, Chairman, Dr T. Olawale Elias and Dr. Okechukwu Ikejiani from the Federation of Nigeria, Mr. J.S. Fulton from the United Kingdom, Dr. Marguerite Cartwright and Dr. Eldon Lee Johnson from the United States of America.

The University was formally opened on 7th October 1960, as the climax to the Nigerian independence celebrations in the Eastern Region. Her Royal Highness, the Princess Alexandra of Kent, representing Her Majesty Queen Elizabeth II at the Nigeria independence celebrations, performed the opening ceremonies and laid the foundation stone of one of the University's early buildings.

Classes began on 17th October 1960 with an enrolment of 220 students and 13 members of the academic staff. The opening convocation addresses were delivered by the Chairman of the Provisional Council, Dr. Nnamdi Azikiwe, the first President of the Federation of Nigeria, and by Dr. John A. Hannah, President of Michigan State University, USA.

Thus was this university born.

#### **Philosophy**

In keeping with the essential purposes of all great universities since the dawn of man's great struggle toward universal human dignity, the basic objectives of the University of Nigeria are:

- To seek truth
- To teach truth
- To preserve truth.

These ends were legislated for the institution by the Eastern Nigeria House of Assembly on 28th January 1955 in the following words:

To hold forth to all classes and communities whatsoever an encouragement for pursuing a regular and liberal course of education.

To promote research and the advancement of science and learning. To organize, improve, and extend education of a University standard.

But the goals of the University of Nigeria go beyond those of education for its own sake. This seat of higher learning is committed to play a dynamic and vital role in the significant task which faces the country of which it is part: that of building a great new nation.

Thus, the community of scholars - teachers, students and researchers - who have gathered themselves on the plains of Nsukka launched a venture in higher education that is somewhat different for this part of the world. They are attempting to sift out the most appropriate aspects of traditional universities, and by blending them into the Nigerian scene, to evolve a programme specifically suited to the needs and interests of the people of Nigeria, as they take their rightful place in the world community of nations.

The objectives of the University of Nigeria have their roots in a spirit and philosophy as old as man's search for his own fulfilment and the ancient universities of Bologna and Paris, and land-grant universities of America.

The spirit stems from such expressions as that of one of the University's founders, Dr. Nnamdi Azikiwe, when he

wrote, nearly three decades ago, "Universities have been responsible for shaping destinies of races and nations and individuals. They are mirrors which reflect their particular societal idiosyncrasies...". He suggested that if Africa has its own university, there is no reason why the best libraries, laboratories, professors, cannot be produced right here, and this continent become, overnight, "a Continent of Light".

In response to its chartering documents, which have repeatedly emphasized not only academic and cultural excellence, according to the classical concept of universities, the University of Nigeria must approach its curriculum from a perspective somewhat different from that which has hitherto characterized the ideas of university and college education in West Africa.

To the extent that the institution is true to its philosophy, the courses of study are related to the day-to-day life of Nigeria and focus upon the social and economic needs of this nation. At the same time, the university is international in scope and cosmopolitan in outlook. Admission is open to men and women, without regard to racial or national origin, religious creed or political persuasion.

The University of Nigeria is different, and may continue to be different, from other institutions of higher learning in this country. As stated by the Commission on Post-School Certificate and Higher Education in Nigeria, "...it would not be in the national interest if one single pattern were to be imposed on all Nigerian higher education. The hope for Nigerian higher education lies in its diversity".

It is in this faith that diversity in education, like diversity in thought, could be a sign of strength rather than weakness in a society that the University of Nigeria has been born. While the University has undoubtedly drawn heavily upon British and American models the Council, administration and academic staff are sincerely attempting to develop a pattern which will be uniquely appropriate to Nigeria. Underlying this pattern is the belief that the addition of cultural and vocational pursuits does not demean a university, but rather enables it as well as elevate the vocations and, through them, the community as a whole.

The University is thus committed to a philosophy that provides for the broadcasting of higher education whereby it can be fully equipped to offer courses in such branches of learning as are related to agriculture and industry without excluding the classics, the arts, and the sciences. The aim is to promote general and practical education in Nigerian communities as a whole.

The University is co-educational. It aims at enabling male and female students to engage together in academic, vocational, and extra-curricular activities in developing their personalities to the higher levels of human experience in an atmosphere where young men and women can grow individually, academically, and professionally through the dignity of labour, sacrifice, and self-determination. This democratic concept of higher education will bear its fruits in the intellectual and social progress of the nation. Keenly aware of the necessity to establish and maintain standards, the University of Nigeria is concerned with the qualifications of its prospective students. Thus, this institution accepts young men and women on the basis of their ability to undertake university education. It will stake its reputation and its future upon the range and depth of knowledge with which its students leave its environs as graduates.

It is in the spirit of "nation building" that the University of Nigeria sets forth its objectives and its philosophy. Our dedication is to breadth as well as depth in curriculum, distinguished scholarship and academic excellence, and to a significant contribution to the enlightenment of mankind.

This is a University whose orientation is at once academic, cultural and vocational, and whose content is Nigerian, in the context of all Africa and the larger world. At the inaugural convocation of the University of Nigeria on 13th October 1960, the first Chancellor of the University, Dr. Nnamdi Azikiwe, in an address entitled "Heroes and Heroines of a new Nigeria" summed up the outlook of the University in the following words:

"The founders of the University of Nigeria aimed at relating its activities to the social and economic needs and the day-to-day life of the people of Nigeria".

This calls for a realistic approach to the problems of education. We must frankly admit that we can no longer afford to flood only the white collar jobs at the expense of the basic occupations and productive vocations, which can be intelligently directed to create wealth, health, and happiness among the greatest number of our people, particularly in the fields of agriculture, engineering, business administration, education and home science. The courses of study at this University have been devised to enable our youth to re-discover themselves and dedicate their lives anew to the building of a new nation. By the grace of God, "the University of Nigeria shall be a beacon of hope to those who seek knowledge and skill for service to humanity".

Since its inception, the University has grown from strength to strength. The total student enrolment by 2009/2010 academic session was 29,653. This figure is made up of the following: full-time undergraduate (21,713); part-time undergraduate (Nil); postgraduate (5,662); part-time post graduate (1,408); postgraduate diploma (591) and sub-degree (279). In addition, 1,024 students enrolled for the sandwich programme 2009. Staff strength has also risen, with Academic staff strength growing to 1,648, Senior administrative (1,720), senior technical (799), junior administrative (1,717) and junior technical staff (799). The University has at present 15 Faculties with 102 Departments, two Schools, 8 Sub-Departments and 9 Institutes/Centres.

Inspired and sustained by its philosophy, the University is already committed to the future with all its promise and prospect of restoring the dignity of man.

The University was taken over along with other Universities in the country by the Federal Military Government on 1st April, 1973.

**Location**

The main campus of the University is located on 871 hectares of hilly savannah in the town of Nsukka, about eighty kilometres north of Enugu, and enjoys a very pleasant and healthy climate. Additionally 209 hectares of arable land are available for an experimental agricultural farm and 207 hectares for staff housing development. There is regular road transport between Nsukka and Enugu, and Nsukka is also quite easily accessible from all parts of Nigeria. There are modern shopping facilities and a large market in Nsukka town.

The former Nigeria College of Arts, Science and Technology, Enugu, was incorporated into the University in 1961; and its buildings now form the Enugu Campus (200 hectares) of the University located in the heart of Enugu, the administrative capital of Enugu State of Nigeria. Enugu is a modern city, accessible by air, rail and road. The College of Medicine and the Faculties of Business Administration, Environmental Studies, and Law are located at the Enugu Campus. Teaching hospital attached to the University is presently sited in old State General Hospital on a 14-hectare site (about 4 kilometres from the Enugu Campus of the University). The new teaching hospital is under construction at Ituku-Ozalla (25 kilometres south of Enugu) on a 500-hectare site.

A third campus was opened in October 1973 in Calabar, Cross River State. The campus at Calabar became a full-fledged University of Calabar in October 1977.



Rt Honourable Dr Nnamdi Azikiwe  
The First Chancellor, University of Nigeria

## Chapter 2

### University of Nigeria Act 1978

#### Arrangement of Sections

#### *Constitution and Functions of the University and its constituent bodies, etc.*

##### SECTION

1. Incorporation and objects of the University.
2. Constitution and Principal Officers of the University.
3. Powers of the University, and their exercise.
4. Functions of the Chancellor and Pro-Chancellor.
5. Composition of the Council.
6. Functions of the Council and its Finance and General Purpose Committee.
7. Functions of the Senate.
8. Functions of the Vice-Chancellor.

#### *Transfer of property, etc., to the University*

9. Transfer of property, functions, etc.

#### *Statutes of the University*

10. Power of University to make statutes.
11. Mode of exercising power to make statutes.
12. Proof of statutes.
13. Power of Visitor to decide meaning of statutes.

#### *Supervision and discipline*

14. The Visitor.
15. Removal of certain members of Council.
16. Removal and discipline of academic, administrative and technical staff.
17. Removal of examiners.
18. Discipline of students.

#### *Miscellaneous and general*

19. Exclusion of discrimination on account of race, religion, etc.
20. Compulsory acquisition of land.
21. Restriction on disposal of land by University.
22. Quorum and procedure of bodies established by this Act.
23. Appointment of committee, etc.
24. Retiring age of the academic staff of the University.
25. Special provisions relating to pension of professors.
26. Miscellaneous administrative provisions.
27. Interpretation.
28. Short title.

##### SCHEDULES

###### FIRST SCHEDULE

#### *Principal Officers of the University*

###### SECOND SCHEDULE

#### *Transitional provisions as to property, functions, etc.*

###### THIRD SCHEDULE

#### *University of Nigeria Statute No.1*

**UNIVERSITY OF NIGERIA ACT**

**An Act to provide for the take-over of the University of Nigeria from the former Eastern Nigeria by the Federal Government and to continue the administration of the institution.**

[1978 No.1]

[1st June, 1976]

[Commencement.]

*Constitution and Functions of the University and its constituent bodies, etc.*

**1. Incorporation and objects of the University**

(1) The University of Nigeria (in this Act referred to as “the University”) established by the University of Nigeria Law (in this Act referred to as “the former Law”) shall continue in being as a body corporate with perpetual succession and a common seal.

(2) The University may sue and be sued in its corporate name.

(3) The objects of the University shall be-

- (a) to encourage the advancement of learning and to hold out to all persons without distinction of race, creed, sex or political conviction the opportunity of acquiring a higher and liberal education;
- (b) to provide courses of instruction and other facilities for the pursuit of learning in all its branches, and to make those facilities available on proper terms to such persons as are equipped to benefit from them;
- (c) to encourage and promote scholarship and conduct research in all fields of learning and human endeavour;
- (d) to relate its activities to the social and economic needs of the people of Nigeria; and
- (e) to undertake any other activities appropriate for a university of the highest standard.

**2. Constitution and Principal Officers of the University**

(1) The University shall consist of –

- (a) a Chancellor;
- (b) a Pro-Chancellor and a council;
- (c) a Vice-Chancellor and a Senate;
- (d) a body to be called Congregation;
- (e) a body to be called Convocation;
- (f) the campuses and colleges of the University;
- (g) the faculties, schools, institutes and other teaching and research units of the University;
- (h) the persons holding the offices constituted by the First Schedule to this Act other than those mentioned in paragraphs (a) to (c) of this subsection;

[First Schedule]

- (i) all graduates and undergraduates; and
  - (j) all other persons who are members of the University in accordance with provision made by statute in that behalf.
- (2) The First Schedule to this Act shall have effect with respect to the principal officers of the University there mentioned.
- (3) Subject to section 5 of this Act, provision shall be made by statute with respect to the constitution of the following bodies, namely the Council, the Senate, Congregation and Convocation.

**3. Powers of the University, and their exercise**

(1) For the purpose of carrying out its objects as specified in section 1 of this Act, the University shall have power-

- (a) to establish such campuses, colleges, faculties, institutes, schools, extra-mural departments and other teaching and research units within the University as may from time to time seem necessary or desirable, subject to the approval of the National Universities Commission;
- (b) to institute professorships, readerships, lectureships and other posts and offices and to make appointments thereto;
- (c) to institute and award fellowships, scholarships, exhibition, bursaries, medals, prizes and other titles, distinctions, awards and forms of assistance;
- (d) to provide for the residence, discipline and welfare of members of the University;
- (e) to hold examinations and grant degrees, diplomas, certificates and other distinctions to persons who

- have pursued a course of study approved by the University and have satisfied such other requirements as the University may lay down;
- (f) to grant honorary degrees, fellowships or academic titles;
- (g) to demand and receive from any student or any other person attending the University for the purpose of instruction such fees as the University may from time to time determine, subject to the overall directives of the Minister;
- (h) subject to section 21 of this Act, to acquire, hold, grant, charge or otherwise deal with or dispose of movable and immovable property wherever situate;
- (i) to accept gifts, legacies and donations, but without obligation to accept the same for a particular purpose unless it approves the terms and conditions attaching thereto;
- (j) to enter contracts, establish trusts, act as trustee, solely or jointly with any other person, and employ and act through agents;
- (k) to erect, provide, equip and maintain libraries, laboratories, lecture halls, halls of residence, refectories, sports grounds, playing fields and other buildings or things necessary or suitable or convenient for any of the objects of the University;
- (l) to hold public lectures and to undertake printing, publishing and bookselling;
- (m) subject to any limitations or conditions imposed by statute, to invest any moneys appertaining to the University by way of endowment, whether for general or special purposes, and such other moneys as may not be immediately required for current expenditure, in any investments or securities or in the purchase or improvement of land, with power from time to time to vary any such investments, and to deposit any moneys for the time being uninvested with any bank on deposit or current account;
- (n) to borrow, whether at interest or not and if need be upon the security of any or all of the property, movable or immovable, of the University, such moneys as the Council may from time to time in its discretion find it necessary or expedient to borrow or to guarantee any loan, advances or credit facilities;
- (o) to make gifts for any charitable purpose;
- (p) to arrange for the education and welfare of children of members of staff;
- (q) to do anything which it is authorised or required by this Act or by statute to do; and
- (r) to do all such acts or things whether or not incidental to the foregoing powers, as may advance the objects of the University.

(2) Subject to the provisions of this Act and of the statutes, and without prejudice to section 8 (2) of this Act, the powers conferred on the University by subsection (1) above shall be exercisable on behalf of the University by the Council or by the senate or in any other manner which may be authorised by statute.

(3) The power of the University to establish further campuses and colleges within the University shall be exercisable by statute and not otherwise.

#### **4. Functions of the Chancellor and Pro-Chancellor**

(1) The Chancellor shall, in relation to the University, take precedence before all other members of the University, and when he is present shall preside at all meetings or congregation held for conferring degrees and at all meetings of convocation.

(2) The Pro-Chancellor shall, in relation to the University, take precedence before all other members of the University except the Chancellor and except the Vice-Chancellor when acting as chairman of congregation or convocation the Pro-Chancellor shall, when he is present, be the chairman at all meetings or the Council.

#### **5. Composition of the Council**

The Council of the University shall consist of-

[1993 No.11. 1996 No.25]

- (a) the Pro-Chancellor;
- (b) the Vice-Chancellor;
- (c) the Deputy Vice-Chancellors;
- (d) one person from the Ministry responsible for education;
- (e) nine persons representing a variety of interests and broadly representative of the whole Federation to be appointed by the President;
- (f) four persons appointed by the Senate from among its members;
- (g) two persons appointed by the Congregation from among its members;
- (h) one person appointed by convocation from among its members.

#### **6. Functions of the Council and its Finance and General Purposes Committee**

(1) Subject to the provisions of this Act relating to the Visitor, the Council shall be the governing body of the University and shall be charged with the general control and superintendence of the policy, finances and property of the University, including its public relations.

(2) There shall be a committee of the Council, to be known as the Finance and General Purposes Committee, which shall, subject to the charged with the general control and superintendence of the policy, finances and property of the University, including its public relations.

(3) Provision shall be made by statute with respect to the constitution of the Finance and General Purposes Committee.

(4) The Council shall ensure that proper accounts of the University are kept and that the accounts of the University are audited annually by auditors appointed by the Council from the list and in accordance with guidelines supplied by the Auditor-General for the Federation; and that an annual reports is published by the University together with certified copies of the said accounts as audited.

(5) Subject to this Act and the statutes, the Council and the Finance and General Purposes Committee may each make rules for the purpose of exercising any of their respective functions or of regulating their own procedure.

(6) Rules made under subsection (5) of this section by the Finance and General Purposes Committee shall not come into force unless approved by the Council; and in so far as any rules so made by that Committee conflict with any directions given by the Council (whether before or after the coming into force of the rules in question), the directions of the Council shall prevail.

(7) There shall be paid to the members of the Council, of the Finance and General Purposes Committee and of any other committee set up by the Council respectively allowances in respect of travelling and other reasonable expenses, at such rates as may from time to time be fixed by the Council.

(8) The Council shall meet as and when necessary for the performance of its functions under this Act, and shall meet at least three times in every year.

(9) If requested in writing by any five members of the Council, the chairman shall within 28 days after the receipt of such request call a meeting of the Council. The request shall specify the business to be considered at the meeting and no business not so specified shall be transacted at that meeting.

## **7. Functions of the Senate**

- (1) Subject to section 6 of this Act and subsections (3) and (4) of this section, and to the provisions of this Act relating to the Visitor, it shall be the general function of the Senate to organise and control the teaching of the University, the admission to postgraduate courses, and the discipline of students, and to promote research at the University.
- (2) Without prejudice to the generality of subsection (1) of this section and subject as therein mentioned, it shall in particular be the function of the Senate to make provision for-
  - (a) the established, organisation and control of campuses, colleges, faculties, departments institutes and other teaching and research units of the University, and the allocation of responsibility for different branches of learning;
  - (b) the organisation and control of courses of study at the University and of the examinations held in conjunction with those courses, including the appointment of examiners, both internal and external;
  - (c) the award of degrees, and such other qualifications as may be prescribed, in connection with examinations held as aforesaid;
  - (d) the making of recommendations to the Council with respect to the award to any person of an honorary fellowship or honorary degree or the title of professor emeritus;
  - (e) the establishment, organisation and control of halls of residence and similar institutions at the University;
  - (f) the supervision of the welfare of students at the University and the regulations of their conduct;
  - (g) the granting of fellowships, scholarships, prizes and similar awards in so far as the awards are within the control of the University; and
  - (h) determining what descriptions of dress shall be academic dress for the purposes of the University, and regulating the use of academic dress.
- (3) The Senate shall not establish any new campus, college, faculty, department, school, institute or other teaching and research units of the university, or any hall of residence or similar institution at the University, without the approval of the Council.
- (4) Subject to this Act and the statutes, the Senate may make regulations for the purpose of exercising any function conferred on it either by the foregoing provisions of this section or otherwise or for the purpose of making provision for any matter for which provision by regulation is authorised or required by this Act or by statute.
- (5) Regulations shall provide that at least one of the persons appointed as the examiners at each final or professional examination held in conjunction with any course of study at the University is not a teacher at the University but is a teacher of the branch of learning to which the course relates at some other university of high repute.
- (6) Subject to a right of appeal to the Council from a decision of the senate under this subsection, the senate may deprive any person of any degree, diploma, or other award of the University which has been conferred upon him after due enquiry he is shown to have been guilty of dishonourable or scandalous conduct in gaining admission into the University or obtaining that award.

## **8. Functions of the Vice-Chancellor**

- (1) The Vice-Chancellor shall, in relation to the University, take precedence before all other members of the University except the Chancellor and, subject to section 4 of this Act, except the Pro-Chancellor

and any other person for the time being acting as chairman of the Council.

(2) Subject to sections 6 and 7 of this Act and the provisions of this Act relating to the Visitor, the Vice-Chancellor shall have the general function, in addition to any other functions conferred on him by this Act or otherwise, of directing the activities of the University, and shall to the exclusion of any other person or authority be the Chief Executive and Academic Officer of the University and ex-officio Chairman of the Senate.

*Transfer of property, etc., to the University*

**9. Transfer of property, functions, etc.**

(1) All property held by or on behalf of the Provisional Council shall, by virtue of this subsection and without further assurance, vest in the University and be held by it for the purposes of the University.

(2) The provisions of the Second Schedule to this Act shall have effect with respect to, and to matters arising from, the transfer of property by this section and with respect to the other matters mentioned in that Schedule.

[Second Schedule]

*Statutes of the University*

**10. Power of University to make statutes**

(1) Subject to this Act, the University may make statutes for any of the following purposes, that is to say-

- (a) making provision with respect to the composition and constitution of any authority of the University;
  - (b) specifying and regulating the powers and duties of any authority of the University, and regulating any other matter connected with the University or any of its authorities;
  - (c) regulating the admission of students where it is done by the University, and their discipline and welfare;
  - (d) determining whether any particular matter is to be treated as an academic or non-academic matter for the purposes of this Act and of any statute, regulation or other instrument made thereunder; or
- (2) Subject to section 26 (6) of this Act, the Interpretation Act shall apply in relation to any statute made under this section as it applies to a subsidiary instrument within the meaning of section 27 (1) of that Act.

[Cap.123]

- (3) The Statue contained in the Third Schedule to this Act shall be deemed to have come into force on the commencement of this Act and shall be deemed to have been made under this section.
- (4) The power to make statutes conferred by this section shall not be prejudiced or limited in any way by reason of the inclusion or omission of any matter in or from the Statue contained in the Third Schedule to this Act or any subsequent statute.

[Third Schedule]

**11. Mode of exercising power to make statutes**

(1) The power of the University to make statutes shall be exercised in accordance with the provisions of this section and not otherwise.

(2) A proposed statute shall not become law unless it has been approved-

(a) at a meeting of the Senate, by the votes of not less than two thirds of the members present and voting; and

(b) at a meeting of the Council, by the votes of not less than two thirds of the members present and voting.

(3) A proposed statute may originate either in the Senate or in the Council, and may be approved as required by subsection (2) of this section by either one of those bodies before the other.

(4) A statute which-

(a) makes provision for or alters the composition or constitution of the Council, the Senate or any other authority of the University; or

(b) Provides for the establishment of a new campus or college or for the amendment or revocation of any statute whereby a campus of college is established, shall not come into operation unless it has been approved by the President.

(5) For the purposes of section 2 (2) of the Interpretation Act, a statute shall be treated as being made on the date on which it is duly approved by the Council after having been duly approved by the Senate, or on the date on which it is duly approved by the Senate after having been duly approved by the Council, as the case may be, or, in the case of a statute falling within subsection (4) of this section, on the date on which it is approved by the President.

[Cap. 123]

**12. Proof of statutes**

A statute may be proved in any court by the production of a copy thereof bearing or having affixed to it a certificate purporting to be signed by the Vice-Chancellor or the Registrar to the effect that copy is a true copy of a statute of the University.

**13. Power of Visitor to decide meaning of statutes**



(1) In the event of any doubt or dispute arising at any time as to the meaning of any provision of a statute, the matter may be referred to the Visitor, who shall take such advice and make such decision thereon as he shall think fit.

(2) The decision of the Visitor on any matter referred to him under this section shall be binding upon the authorities, staff and students of the University, and where any question as to the meaning of that provision shall be entertained by any court of law in Nigeria:

Provided that nothing in this subsection shall affect any power of a court of competent jurisdiction to determine whether any provision of a statute is wholly or partly void as being *ultra vires* or as being inconsistent with the Constitution of the Federal Republic of Nigeria, 1999.

[Cap.C23]

(3) The foregoing provisions of this section shall apply in relation to any doubt or dispute as to whether any matter is for the purposes of this Act an academic or a non-academic as they apply in relation to any such doubt or dispute as is mentioned in subsection (1) of this section; and accordingly the references in subsection (2) of this section to any question as to the meaning of any provision of a statute shall include references to any question as to whether any matter is for the said purposes an academic or a non-academic matter.

*Supervision and discipline*

#### **14. The Visitor**

- (1) the president shall be the Visitor of the University.
- (2) The visitor shall as often as the circumstances may require, not being less than one every five years conduct a visitation of the University or direct that such a visitation be conducted by such persons as the Visitor may deem fit and in respect of any of the affairs of the University.
- (3) It shall be the duty of the bodies and persons comprising the University-
  - (a) to make available to the Visitor, and to any other persons conducting a visitation in pursuance of this section, such facilities and assistance as he or they may reasonably require for the purposes of a visitation; and
  - (b) to give effect to any instructions consistent with the provisions of this Act which may be given by the Visitor in consequence of a visitation.

#### **15. Removal of certain members of Council**

(1) If it appears to the Council that a member of the Council (other than the Pro-Chancellor, or the Vice-Chancellor) should be removed from office on the ground of misconduct or inability to perform the functions of his office or employment, the Council shall make a recommendation to that effect through the Chancellor to the Visitor, and if the Visitor, after making such enquires (if any) as he considers appropriate, approves the recommendation he may, by an instrument in writing signed by him, remove the person in question from office.

(2) It shall be the duty of the Visitor, on signing an instrument of removal in pursuance of this section, to use his best endeavours to cause a copy of the instrument to be served as soon as reasonably practicable on the person to whom it relates.

#### **16. Removal and discipline of academic, administrative and technical staff**

- (1) If it appears to the Council that there are reasons for believing that any person employed as a member of the academic or administrative or technical staff of the University, other than the Vice-Chancellor, should be removed from his office or employment on the ground of misconduct or of inability to perform the functions of his office or employment the Council shall-
  - (a) Give notice of those reasons to the person in question;
  - (b) Afford him an opportunity of making representations in person on the matter to the Council; and
  - (c) If he or any three members of the Council so request within the period of one month beginning with the date of the notice, make arrangements-
    - (i) for a joint committee of the Council and the Senate to investigate the matter and to report on it to the Council; or
    - (ii) for a committee of the Senate to investigate the matter, where it relates to any other member of the staff of the University, and to report on it to the Senate and to the Council; and
    - (iii) for the person in question to be afforded an opportunity of appearing before and being heard by the investigating committee with respect to the matter,

and if the Council, after considering the report of the investigating committee, is satisfied that the person in question should be removed as aforesaid, the Council may so remove him by an instrument in writing signed on the directions of the Council.

- (2) The Vice-Chancellor may, in a case of misconduct by a member of the staff which in the opinion of

the Vice-Chancellor is prejudicial to the interest of the University, suspend such member and any such suspension shall forthwith be reported to the Council.

(3) For good cause, any member of staff may be suspended from his duties or his appointment may be terminated by the Council; and for the purposes of this subsection “good cause” means-

- (a) Conviction for any offence which the Council considers to be such as to render the person concerned unfit for the discharge of the functions of his office; or
- (b) Any physical or mental incapacity which the Council, after obtaining medical advice, considers to be such as to render the person concerned unfit to continue to hold his office; or
- (c) Conduct of a scandalous or other disgraceful nature which the Council considers to be such as to render the person concerned unfit to continue to hold his office; or
- (d) Conduct which the Council considers to be such to constitute failure or inability of the person concerned to discharge the functions of his office or to comply with the terms and conditions of his service.

(4) Any person suspended pursuant to subsection (2) or (3) of

this section shall be on half pay and the Council shall before the expiration of a period of three months after the date of such suspension consider the case against that person and come to a decision as to-

- (a) Whether to continue such person’s suspension and if so, on what terms (including the proportion of his emoluments to be paid to him);
- (b) Whether to reinstate such person, in which case the Council shall restore his full emoluments to him with effect from the date of suspension;
- (c) Whether to terminate the appointment of the person concerned, in which case such a person will not be entitled to the proportion of his emoluments withheld during the period of suspension; or
- (d) Whether to take such lesser disciplinary action against such person (including the restoration of such proportion of his emoluments that might have been withheld) as the Council may determine,

and in any case where the Council, pursuant to this section, decides to continue a person’s suspension or decides to take further disciplinary action against a person, the Council shall before the expiration of a period of three months from such decision come to final determination in respect of the case concerning any such person.

(5) It shall be the duty of the person by whom an instrument of removal is signed in pursuance of subsection (1) above to use his best endeavours to cause a copy of the instrument to be served as soon as reasonably practicable on the person to whom it relates.

(6) Nothing in the foregoing provisions of this section shall prevent the Council from making regulations for the discipline of other categories of staff and workers of the University as may be prescribed.

#### **17. Removal of examiners**

(1) If it appears to the Vice-Chancellor that a person appointed as an examiner for any examination of the University ought to be removed from his office or appointment, then, except in such cases as may be prescribed, he may, after affording to the examiner an opportunity of making representations in person on the matter to the Vice-Chancellor, remove the examiner from the appointment by an instrument in writing signed by the Vice-Chancellor and, subject to the provisions of regulations made in pursuance of section 7(5) of this Act, the Vice-Chancellor may appoint an appropriate person as examiner in the place of the examiner removed in pursuance of this subsection.

(2) It shall be the duty of the Vice-Chancellor, on signing an instrument of removal in pursuance of this section, to use his best endeavours to cause a copy of the instrument to be served as soon as reasonably practicable on the person to whom it relates.

#### **18. Discipline of students**

(1) Subject to the provisions of this section, where it appears to the Vice-Chancellor that any student of the University has been guilty of misconduct, the Vice-Chancellor may, without prejudice to any other disciplinary powers conferred on him by statute or regulations, direct-

- (a) that the student shall not, during such period as may be specified in the direction, participate in such activities of the University, or make use of such facilities of the University, as may be so specified; or
- (b) that the activities of the student shall, during such period as may be specified in the direction, be restricted in such manner as may be so specified; or
- (c) that the student be rusticated for such period as may be specified in the direction; or
- (d) That the student be expelled from the University.

(2) Where a direction is given under subsection (1) (c) or (d) of this section in respect of any student, the student may, within the prescribed period and in the prescribed manner, appeal from the direction to the Council; and where such an appeal is brought, the Council shall, after causing such inquiry to be made in the matter as the Council considers just, either confirm or set aside the direction or modify it in such manner as the Council thinks fit.

(3) The fact that an appeal from a direction is brought in pursuance of the last foregoing subsection shall not affect the operation of the direction while the appeal is pending.

(4) The Vice-Chancellor may delegate his powers under this section to a disciplinary board consisting of such members of the University as he may nominate.

(5) Nothing in this section shall be construed as preventing the restriction or termination of a student's activities at the University otherwise than on the ground of misconduct.

(6) it is hereby declared that a direction under subsection 1 (a) above may be combined with a direction under subsection 1(b) of this section.

*Miscellaneous and general*

**19. Exclusion of discrimination on account of race, religion, etc.**

No person shall be required to satisfy requirements as to any of the following matters, that is to say, race (including ethnic grouping), sex place of birth or of family origin, or religious or political persuasion, as a condition of becoming or continuing to be a student at the University, the holder of any degree of the University or of any appointment or employment at the University, or a member of any body established by virtue of this Act; and no person shall be subjected to any disadvantage or accorded any advantage in relation to the University, by reference to any of those matters:

Provided that nothing in this section shall be construed as preventing the University from imposing any disability or restriction on any of the aforementioned persons, where such person wilfully refuses or fails on grounds of religious belief to undertake any duty generally and uniformly imposed on all such persons or any group of them which duty, having regard to its nature and the special circumstances pertaining thereto, is in the opinion of the University reasonably justifiable in the national interest.

**20. Compulsory acquisition of land**

For the purposes of the Land Use Act (which provides for the compulsory acquisition of land for public purposes) the purposes of the University shall be public purposes of the Federation; and where an estate or interest in land is acquired by the President in pursuance of this section, the President may, by a certificate under the hand and seal of the Registrar of Deeds, transfer it to the University.

[Cap.L5.]

**21. Restriction on disposal of land by University**

The University shall not dispose of or charge any land or an interest in any (including any land transferred to the University by this Act) except with the prior written consent, either general or special, of the President:

Provided that such consent shall not be required in the case of any lease or tenancy at a rack-rent for a term not exceeding 21 years or any lease or tenancy to a member of the University for residential purposes.

**22. Quorum and procedure of bodies established by this Act**

Except as may be otherwise provided by statute or by regulations, the quorum and procedure of any body of persons established by this Act shall be such as may be determined by that body.

**23. Appointment of committees, etc.**

(1) Anybody of persons established by this Act shall, without prejudice to the generality of the powers of that body, have power to appoint committees, which need not consist exclusively of members of that body, and to authorise a committee established by it -

(a) to exercise, on its behalf, such of its functions as it may determine; and

(b) to co-opt members,

and may direct whether or not co-opted members (if any) shall be entitled to vote in that committee.

(2) Any two or more such bodies may arrange for the holding of joint meetings of those bodies, or for the appointment of committees consisting of members of those bodies, for the purpose of considering any matter within the competence of those bodies or any of them, and either of dealing with it or of reporting on it to those bodies or any of them.

(3) Except as may be otherwise provided by statute or by regulations, the quorum and procedure of a committee established or meeting held in pursuance of this section shall be such as may be determined by the body or bodies which have decided to establish the committee or hold the meeting.

(4) Nothing in the foregoing provisions of this section shall be construed as-

(a) Enabling statutes to be made otherwise than in accordance with section 11 of this Act; or

(b) Enabling the Senate to empower any other body to make regulations or to award degrees or other qualifications.

(5) The Pro-Chancellor and the Vice-Chancellor shall be members of every committee of which the members are wholly or partly appointed by the Council (other than a committee appointed to inquire into the conduct of the officer in question); and the Vice-Chancellor shall be a member of every committee of which the members are wholly or partly appointed by the Senate.

**24. Retiring age of academic staff of the University**

(1) Notwithstanding anything to the contrary in the Pensions Act, the compulsory retiring age of an

academic staff of a university shall be 65 years.

[1993 No. 11. Cap. P4]

(2) A law or rule requiring a person to retire from the public service after serving for 35 years, shall not apply to an academic staff of the University.

## **25. Special provisions relating to pension of professors**

A person who retires as a professor having served-

[1993 No.11.]

(a) A minimum period of fifteen years as a professor in the University or continuously in the service of a university in Nigeria up to the retiring age; and

(b) Who during the period of service was absent from the University only on approved national or University assignments,

shall be entitled to pension at a rate equivalent to his last annual salary and such allowances, as the Council may, from time to time, determine as qualifying for pension and gratuity, in addition to any other retirement benefits to which he may be entitled.

## **26. Miscellaneous administrative provisions**

(1) The seal of the University shall be such as may be determined by the Council and approved by the Chancellor; and the affixing of the seal shall be authenticated by any member of the council and by the Vice-Chancellor, Registrar or any person authorised by statute.

(2) Any document purporting to be a document executed under the seal of the University shall be received in evidence and shall, unless the contrary is proved, be deemed to be so executed.

(3) Any contract or instrument which, if made or executed by a person not being a body corporate, would not be required to be under seal may be made or executed on behalf of the University by any person generally or specially authorised to do so by the Council.

(4) The validity of any proceedings of any body established in pursuance of this Act shall not be affected by any vacancy in the membership of the body, or by any defect in the appointment of a member of the body or by reason that any person not entitled to do so took part in the proceedings.

(5) Any member of any such body who has a personal interest in any matter proposed to be considered by that body shall forthwith disclose his interest to the body and shall not vote on any question relating to that matter.

(6) Nothing in section 12 of the Interpretation Act (which provides for the application, in relation to subordinate legislation, of certain incidental provisions) shall apply to statutes or regulations made in pursuance of this Act; but the power conferred by this Act to make statutes or regulations shall include power to revoke or vary any statute (including the Statute contained in the Third Schedule of this Act) or any regulation by a subsequent statute or, as the case may be, by a subsequent regulation, and statutes and regulations may make different provision in relation to different circumstances.

[Cap. 123. Third Schedule]

(7) No stamp or other duty shall be payable in respect of any transfer of property to the University by virtue of section 9 and 20 of this Act or the Second Schedule to this Act.

[Second Schedule]

(8) Any notice or other instrument authorised or required to be served by virtue of this Act may, without prejudice to any other mode of service, be served by post.

## **27. Interpretation**

(1) In this Act, unless the context otherwise requires, the following expressions shall have the meanings hereby assigned to them respectively, that is to say-

“**campuses**” means the campus of the University at Calabar prior to 1 September 1976, Enugu or Nsukka or any other campus which may be established by the University;

“**college**” means any college which may be established by the University;

“**former Law**” means the University of Nigeria Law;

“**graduate**” means a person on whom a degree (other than an honorary degree) has been conferred by the University;

“**Minister**” means the Minister charged with responsibility for higher education;

“**notice**” means notice in writing;

“**officer**” does not include the Visitor;

“**professor**” means a person designated as a professor of the University in accordance with provision made in that behalf by statute or by regulations;

“**property**” includes rights, liabilities and obligations;

“**provisional council**” means the provisional council established under the University of Nigeria (Transitional Provisions) Act 1973;

[1973 No.44]

“**regulations**” means regulations made by the Senate;

“**senate**” means the senate of the University established pursuant to section 2 (1) (c) of this Act;

“**statute**” means a statute made by the University under section 9 of this Act and in accordance with the provisions of section 10 of this Act, and “**the statutes**” means all such statutes as are in force from time to time;

“**student**” means a person holding a full time appointment as a member of the teaching staff of the University;

“**undergraduate**” means a person in *statu pupillari* at the University, other than-

(a) a graduate; and

(b) a person of such description as may be prescribed for the purposes of this definition;

“**University**” means the University of Nigeria as incorporated and reconstituted by this Act.

(2) No office or appointment in any capacity under this Act shall be or be construed to be an office of emolument under the Federal Republic of Nigeria.

(3) It is hereby declared that where in any provision of this Act it is laid down that proposals are to be submitted or a recommendation is to be made by one authority to another through one or more intermediate authorities, it shall be the duty of every such intermediate authority to forward any proposals or recommendations received by it in pursuance of that provision to the appropriate authority; but any such intermediate authority may, if it thinks fit, forward therewith its own comments thereon.

## 28. Short title

This Act may be cited as the University of Nigeria Act.

## SCHEDULES

### FIRST SCHEDULE

[Section 2 (2)]

#### *Principal Officers of the University*

##### *The Chancellor*

1. The Chancellor shall be appointed by the President.

2. (1) The Chancellor shall hold office for a period of five years.

(2) If it appears to the Visitor that the Chancellor should be removed from his office on the ground of misconduct or of inability to perform the functions of his office, the visitor may by notice in the Federal Gazette remove the Chancellor from office.

##### *The Pro-Chancellor*

3. (1) The Pro-Chancellor shall be appointed or removed by the President on the recommendation of the Ministers.

(2) Subject to the provisions of this Act, the Pro-Chancellor shall hold office a period of four years beginning with the date of his appointment.

##### *The Vice-Chancellor*

4. (1) There shall be a Vice-Chancellor of the University who shall be appointed by the President in accordance with the provisions of this paragraph.

[1993 No.11]

(2) Where a vacancy occurs in the post of a Vice-Chancellor, the Council shall-

(a) Advertise the vacancy in a reputable journal or a widely read newspaper in Nigeria, specifying-

(i) the qualities of the persons who may apply for the post; and

(ii) the terms and conditions of service applicable to the post, and thereafter draw up a short list of suitable candidates for the post for consideration;

(b) constitute a Search Team consisting of-

(i) a member of the Council, who is not a member of the Senate, as chairman;

(ii) two members of the Senate who are not members of the Council, one of whom shall be a

(iii) professor;  
two members of Congregation who are not members of the Council, one of whom shall be a professor,  
but who were not members of the Search Team, shall consider the candidates and persons on the short list drawn up under subparagraph (2) of this paragraph through an examination of their *curriculum vitae* and interaction with them, and recommend to the Council suitable candidates for further consideration.

(3) A joint Council and Senate selection board consisting of

- (a) the Pro-Chancellor, as chairman;
- (b) two members of the Council, not being members of the Senate;
- (c) two members of the Senate who are professors,

but who were not members of the Search Team, shall consider the candidates and persons on the short list drawn up under subparagraph (2) of this paragraph through an examination of their *curriculum vitae* and interaction with them, and recommend to the Council suitable candidates for further consideration.

(4) The Council shall select three candidates from among the candidates recommended to it under subparagraph (3) of this paragraph and may indicate its order of preference stating the reasons therefore and forward the names to the President.

[1996 No.25]

(5) The President may appoint as Vice-Chancellor any one of the candidates recommended to him in accordance with the provisions of subparagraph (4) of this paragraph.

(6) The Vice-Chancellor shall hold office for a single term of five years only on such terms and conditions as may be specified in his letter of appointment

(7) For the avoidance of doubt, the provisions of subparagraph (6) of this paragraph shall-

[1996 No. 25]

- (a) Only be applicable to those appointed to the office of Vice-Chancellor after 1 January, 1993;
- (b) Not confer on a person serving a first term of office as Vice-Chancellor before 1 January, 1993 any right to renewal of the appointment for a further term of four years.

(8) The Vice-Chancellor may be removed from office by the Visitor after due consultation with the Council and the Senate acting through the Minister or Education

[1993 No.11]

#### *Deputy Vice-Chancellors*

5. (1) There shall be for the University such number of Deputy Vice-Chancellors as the Council may, from time to time, deem necessary for the proper administration of the University.

[1993 No.11. 1996 No.25]

(2) Where a vacancy occurs in the post of Deputy Vice-Chancellor, the Vice-Chancellor shall forward to the Senate a list of two candidates for each post of Deputy Vice-Chancellor that is vacant.

(3) The Senate shall select for each vacant post one candidate from each list forwarded to it under subparagraph (2) of this paragraph and forward his name to the Council for confirmation.

(4) A Deputy Vice-Chancellor shall-

- (a) assist the Vice-Chancellor in the performance of his functions;
- (b) act in the place of the Vice-Chancellor when the post of the Vice-Chancellor is vacant or if the Vice-Chancellor is, for any reason, absent or unable to perform his functions as Vice-Chancellor; and
- (c) perform such other functions as the Vice-Chancellor or the Council may, from time to time, assign to him.

(5) A Deputy Vice-Chancellor-

- (a) shall hold office for a period of two years beginning from the effective date of his appointment and on such terms and conditions as may be specified in his letter of appointment; and
- (b) may be re-appointed for one further period of two years and no more.

6. (1) There shall be a Registrar, who shall be the Chief Administrative Officer of the University and shall be responsible to the Vice-Chancellor for the day-to-day administrative work of the University except as regards matters for which the Bursar is responsible in accordance with paragraph 7 (2) of this Schedule.

[1993 No. 11. 1993 No. 55]

(2) The person holding the office of the Registrar shall by virtue of that office be Secretary to the Council, the Senate, Congregation and Convocation.

(3) The Registrar shall hold office for such period and on such terms as to the emoluments of his office and otherwise as may be specified.

#### *Other Principal Officers of the University*

7. (1) There shall be for the University the following principal officers, in addition to the Registrar, that is-

[1993 No. 11. 1993 No. 55]

- (a) the Bursar; and
- (b) the University Librarian,

who shall be appointed by the Council on the recommendation of the Section Board constituted under paragraph 8 of this Schedule.

(2) The Bursar shall be the Chief Financial Officer of the University and be responsible to the Vice-Chancellor for the day-to-day administration and control of the financial affairs of the University.

(3) The University Librarian shall be responsible to the Vice-Chancellor for the administration of the

University Library and the co-ordination of the library services in the University and its campuses, colleges, faculties, schools, departments, institutes and other teaching or research units.

(4) The Bursar and Librarian shall hold office for such period and on such terms as to the emoluments of their offices and otherwise as may be specified.

(5) Any question as to the scope of the responsibilities of the aforesaid officers shall be determined by the Vice-Chancellor.

*Selection Board for other principal officers*

8. (1) There shall be, for the University, a Selection Board for the appointment of principal officers, other than the Vice-Chancellor or Deputy Vice-Chancellor, which shall consist of –

[1993 No.11]

- (a) the Pro-Chancellor, as chairman;
- (b) the Vice-Chancellor;
- (c) four members of the Council not being members of the Senate; and
- (d) two members of the Senate.

(2) The functions, procedure and other matters relating to the Selection Board constituted under subparagraph (1) of this paragraph shall be as the Council may, from time to time, determine.

*Resignation and re-appointment*

9. (1) Any officer mentioned in the foregoing provisions of this Schedule may resign his office-

- (a) in the case of the Chancellor, by notice to the President; and
- (b) in any other case by notice to the Council and the Council shall immediately notify the minister in the case of the Vice-Chancellor.

(2) Subject to paragraphs 4 and 5 of this Schedule, a person who has ceased to hold an office so mentioned otherwise than by removal for misconduct, shall be eligible for re-appointment to that office.

SECOND SCHEDULE

[Section 9 (2) ]

*Transitional provisions as to property, functions, etc.*

*Transfer of property to University*

1. Without prejudice to the generality of section 9 (1) of this Act-

- (a) the reference in that subsection to property held by the provisional council shall include a reference to the right to receive and give a good discharge for any grants or contributions which may have been voted or promised to the provisional council;
- (b) all debts and liabilities of the provisional council outstanding shall become debts or liabilities of the University.

2. (1) All agreements, contracts, deeds and other instruments to which the provisional council was party shall, so far as possible and subject to any necessary modifications, have effect as if the University had been a party thereto in place of the provisional council.

(2) Documents not falling within sub-paragraph (1) of this section, including enactments, which refer whether specially or generally to the provisional council, shall be construed in accordance with that sub-paragraph so far as applicable.

(3) Any legal proceedings or application to any authority pending by or against the provisional council may be continued by or against the University.

*Registration of transfer*

3. if the law in force at the place where any property transferred by this Act is situated provides for the registration of transfers of property of the kind in question (whether by reference to an instrument of transfer or otherwise), the law shall, so far as it provides for alterations of a register (but not for avoidance of transfers, the payment of fees or any other matter) apply with the necessary modifications to the transfer of the property aforesaid; and it shall be the duty of the body to which any property is transferred by this Act to furnish the necessary particulars of the transfer to the proper officer of the registration authority, and of that officer to register the transfer accordingly.

*Transfer of functions, etc.*

4. (1) The first meeting of the Council shall be convened by the Pro-Chancellor on such date and in such manner as he may determine.

(2) The persons who were members of the Provisional Council shall be deemed to constitute the Council until the date when the Council set-up under the Third Schedule to this Act shall have been duly constituted.

(3) The first meeting of the Senate as reconstituted by this Act shall be convened by the Vice-Chancellor on such date and in such manner as he may determine.

(4) The persons who were members of the Senate of the University of Nigeria shall be deemed to constitute

the Senate of the University until the date when the Senate as set up under the Third Schedule of this Act shall have been duly constituted.

(5) Subject to any regulations which may be made by the Senate after the date on which this Act is made, the faculties, faculty boards and students of the University as constituted shall on that day become faculties, faculty boards and students of the University as reconstituted by this Act.

(6) Persons who were Deans or associate Deans of faculties or schools or members of faculty boards shall continue to be Deans or associate Deans or become members of the corresponding faculty boards, until new appointments are made in pursuance of the statutes.

5. Any person who was a member of the staff of the University as established under the former Law or was otherwise employed by the provisional council shall become the holder of an appointment at the University with the status, designation and functions which correspond as nearly as may be to those which appertained to him as a member of that staff or as such an employee.

THIRD SCHEDULE  
[Section 10 (3)]  
**University of Nigeria Statute No.1**

ARRANGEMENT OF ARTICLES

ARTICLE

1. The Council.
2. The Finance and General Purpose Committee.
3. The Senate.
4. Congregation.
5. Convocation.
6. Organisation of faculties and branches thereof.
7. Faculty boards.
8. The Dean of the faculties.
9. Selection of director of works.
10. Creation of academic posts.
11. Appointment of academic staff.
12. Appointment of administrative and technical staff.
13. Interpretation.
14. Short title.

*The Council*

1. (1) The composition of the Council shall be as provided in section 5 of this Act.  
(2) Any member of the Council holding office otherwise than in pursuance of section 5 (a), (b), (c) or (d) of this Act may, by notice to the Council, resign his office.  
(3) A member of the Council holding office otherwise than in pursuance of section 5 (a), (b), (c) or (d) of this Act shall, unless he previously vacates it, vacate that office on the expiration of the period of four years beginning with effect from the 1<sup>st</sup> of August in the year in which he was appointed.  
(4) Where a number of the Council holding office otherwise than in pursuance of section 5 (a), (b), (c) or (d) of this Act vacates office before the expiration of the period aforesaid, the body or person by whom he was appointed may appoint a successor to hold office for the residue of the term of his predecessor.  
(5) A person ceasing to hold office as a member of the Council otherwise than by the removal for misconduct shall be eligible for re-appointment for only one further period of four years.  
(6) The quorum of the Council shall be seven, at least one of whom shall be a member appointed pursuant to section 5 (d), (e), or (h) of this Act.  
(7) If the Pro-Chancellor is not present at a meeting of the Council such other member of the Council present at the meeting as the Council may appoint as respects that meeting shall be the chairman at that meeting, and subject to section 4 of the Act and the foregoing provisions of this paragraph, the Council may regulate its own procedure.  
(8) where the council desire to obtain advice with respect to any particular matter, it may co-opt not more than two persons for that purpose; and the persons co-opted may take part in the deliberations of the Council at any meeting but shall not be entitled to vote.

*Finance and General Purposes Committee*

2. (1) The Finance and General Purposes Committee of the Council shall consist of-
  - (a) the Pro-Chancellor, who shall be the chairman of the Committee at any meeting at which he is present;
  - (b) the Vice-Chancellor and the Deputy Vice-Chancellor;
  - (c) six other members of the Council appointed by the Council, two of whom shall be selected from among the four members of the Council appointed by the senate and one member appointed to Council by the Congregation;
  - (d) the Permanent Secretary, Federal Ministry of Finance or, in his absence, such member of his Ministry shall as may be designated to represent him.



- (2) The quorum of the Committee shall be five.
- (3) Subject to any directions given by the Council, the Committee may regulate its own procedure.

#### *The Senate*

3. (1) The Senate shall consist of-
  - (a) the Vice Chancellor;
  - (b) the Deans of the several faculties;
  - (c) the Directors especially of the several institutes;
  - (d) the Professors;
  - (e) the Librarian;
  - (f) the persons for the time being holding such appointments on the staff of the University as may be specified by the Vice-Chancellor; and
  - (g) such teachers (of senior lecturer rank and above and not being more than two in respect of each faculty) as may be elected from among the members of each faculty, the total number thereto to be determined from time to time by the Senate.
- (2) The Vice-Chancellor shall be the chairman at all meetings of the senate when he is present; and in his absence such other member of the senate present at the meeting as the senate may appoint for that meeting, shall be the chairman at the meeting.
- (3) The quorum of the Senate shall be one quarter (or the nearest whole number less than one quarter); and subject to paragraph (2) above, the Senate may regulate its own procedure.
- (4) An elected member may, by notice to the senate, resign his office.
- (5) Subject to paragraph (7) of this article, there shall be elections for the selection of elected members which shall be held in the prescribed manner on such day in the month of May or June in each year as the Vice-Chancellor may from time to time determine.
- (6) An elected member shall hold office for a period of two years beginning with 1 August in the year of his election, and may be a candidate at any election held in pursuance of paragraph (5) of this article in the year in which his period of office expires, so however that no person shall be such a candidate if at end of his current period of office he will have held office as an elected member for a continuous period of six years or would have so held office if he had not resigned it.
- (7) No election shall be held in pursuance of this article in any year if the number specified in the certificate given in pursuance of paragraph (10) below does not exceed by more than one the figure, which is thrice the number of those elected members holding office on the date of the certificate who do not vacate office during that year in pursuance of paragraph (6) of this article; but for the avoidance of doubt, it is hereby declared that no person shall be precluded from continuing in or taking office as an elected member by reason only of a reduction in the total of non-elected members occurring on or after 30 April in any year in which he is to continue in or take office as an elected member.
- (8) If so requested in writing by any ten members of the Senate, the Vice-Chancellor, or in his absence a person duly appointed by him, shall convene a meeting of the Senate to be held not later than the tenth day following that on which the request was received.
- (9) In this article, “**total of non-elected members**” means, as respects any year, such member as may be certified by the Vice-Chancellor on the 30<sup>th</sup> April of that year to be the number of persons holding office as members of the Senate on that day otherwise than as elected members.

#### *Congregation*

4. (1) Congregation shall consist of-
  - (a) the Vice-Chancellor;
  - (b) the full time members or the academic staff;
  - (c) the Registrar;
  - (d) the Bursar; and
  - (e) every member of the administrative staff who holds a degree of any university recognised for the purposes of this statute by the Vice-Chancellor, not being an honorary degree.
- (2) Subject to section 4 of the Act, the Vice-Chancellor shall be the chairman at all meetings of congregation when he is present; and in his absence such other member of Congregation present at the meeting as Congregation may appoint for that meeting, shall be the Chairman at the meeting.
- (3) The quorum of the Congregation shall be one third (or the whole number nearest to one-third) of the total number of members of the Congregation or fifty, whichever is less.
- (4) A certificate signed by the Vice-Chancellor specifying-
  - (a) the total numbers of Congregation for the purposes of any particular meeting or meetings of Congregation; or
  - (b) the names of the persons who are members of Congregation during a particular period,
 Shall be conclusive evidence of that number or, as the case may be, of the names of those persons.
- (5) Subject to the foregoing provisions of this article, Congregation may regulate its own procedure.
- (6) Congregation shall be entitled to express by resolution or otherwise its opinion on all matters affecting

the interest and welfare of the University and shall have such other functions in addition to the function of electing a member of the Council, as may be provided by statute or regulations.

#### *Convocation*

5. (1) Convocation shall consist of-
- (a) the officers of the University mentioned in the First Schedule to the Act;
  - (b) all teachers within the meaning of the Act; and
  - (c) all other persons whose names are registered in accordance with paragraph (2) of this article.
- (2) A person shall be entitled to have his name registered as a member of Convocation if-
- (a) he is either a graduate of the University or a person satisfying such requirements as may be prescribed for the purposes of this paragraph; and
  - (b) he applies for the registration of his name in the prescribed manner and pays the prescribed fees,
- and regulations shall provide for the establishment and maintenance of a register for the purposes of this paragraph and, subject to paragraph (3) below, may provide for the payment from time to time of further fees by persons whose names are on the register and for the removal from the register of the name of any person who fails to pay those fees.
- (3) The person responsible for maintaining the register shall, without the payment of any fees, ensure that names of all persons who are for the time being members of convocation by virtue of paragraph (1) (a) or (b) of this article are entered and retained on the register.
- (4) A person who reasonable claims that he is entitled to have his name on the register shall be entitled on demand to inspect the register, or a copy of the register at the principal offices of the University at all reasonable times.
- (5) The register shall, unless the contrary is proved, be sufficient evidence that any person named therein is and that any person not named therein is not, a member of Convocation; but for the purpose of ascertaining whether a particular person was such a member on a particular date, any entries in and deletions from the register made on or after that date shall be disregarded.
- (6) The quorum of Convocation shall be fifty or one third (or the whole number nearest to one-third) of the total number of members of Convocation, whichever is less.
- (7) Subject to section 4 of the Act, the Vice-Chancellor shall be chairman at all meetings of Convocation when he is present, and in his absence such other member of convocation present at the meeting as convocation may appoint for that meeting, shall be the chairman at the meeting.
- (8) Convocation shall have such functions, in addition to the function of appointing a member of the Council, as may be provided by statute.

#### *Organisation of faculties and branches thereof*

6. Each faculty shall be divided into such number of branches as may be prescribed.

#### *Faculty boards*

7. (1) There shall be established in respect of each faculty a faculty board, which, subject to the provisions of this statute, and subject to the directions of the Vice-Chancellor, shall-
- (a) regulate the teaching and study of , and the conduct of examinations connected with, the subjects assigned to the faculty;
  - (b) deal with any other matter assigned to it by the statute or by the Vice-Chancellor or by the Senate; and
  - (c) advise the Vice-Chancellor or the Senate on any matter referred to it by the Vice-Chancellor or the Senate.
- (2) Each faculty board shall consist of-
- (a) the Vice-Chancellor;
  - (b) the persons severally in charge of the branches of the faculty;
  - (c) such of the teachers assigned to the faculty and having the prescribed qualifications as the board may determine; and
  - (d) such persons whether or not members of the University as the board may determine with the general or special approval of the Senate.
- (3) The quorum of the board shall be eight members or one quarter (whichever is greater) of the members for the time being of the board; and subject to the provisions of this statute and to any provisions made by regulations in that behalf, the board may regulate its own procedure.

#### *The Dean of the Faculty*

8. (1) The Dean of a faculty shall be a professor elected by the faculty board and each Dean shall hold office for a term of two consecutive academic years after which he shall not be eligible for re-election until four years have elapsed.
- (2) If there is no professor in a faculty, the office of the Dean of the faculty shall be held in rotation by members of the faculty holding the ranks of reader or senior lecturer on the basis of seniority as determined by the Senate.
- (3) The Dean shall be the chairman at all meetings of the faculty board when he is present and he shall be a member of all committees and other boards appointed by the faculty.
- (4) The Dean of a faculty shall exercise general superintendence over the academic and administrative

affairs of the faculty. It shall be the function of the Dean to present to Congregation for the conferment of degrees persons who have qualified for the degrees of the University at examinations held in the branches of learning for which responsibility is allocated to that faculty.

(5) There shall be a committee to be known as the Committee of Deans consisting of all the Deans of the several faculties and that committee shall advise the Vice-Chancellor on all academic matters and on particular matters referred to the University Council by Senate.

(6) The Dean of a faculty may be removed from office for good cause by the faculty board after a vote would have been taken at a meeting of the board, and in the event of a vacancy occurring following the removal of a Dean, an acting Dean may be appointed by the Vice-Chancellor provided that at the next faculty board meeting an election is held for a new Dean.

(7) In this article, “**good cause**” has the same meaning as in section 16 (3) of the Act.

#### *Selection of Director of Works*

9. (1) When a vacancy occurs in the office of the Director of Works, a selection board shall be constituted by the Council and shall consist of-

- (a) the Pro-Chancellor;
- (b) the Vice-Chancellor;
- (c) two members appointed by the Council, not being members of the Senate; and
- (d) two members appointed by the Senate.

(3) The selection board, after making such inquiries as it thinks fit, shall recommend a candidate to the Council for appointment to the vacant office; and after considering the recommendation of the board the Council may make an appointment to that office.

#### *Creation of academic posts*

10. Recommendations for the creation of academic posts shall be made by the senate to the Council through the Finance and General Purposes Committee.

#### *Appointment of academic staff*

11. Subject to the Act and the statutes, the filling of vacancies in academic posts (including newly created ones) shall be as prescribed from time to time by statutes.

#### *Appointment of administrative and technical staff*

12. (1) The Administrative and technical staff of the University other than principal officers and that mentioned in article 9 of this Statute, shall be appointed by the Council or on its behalf by the Vice-Chancellor or the Registrar in accordance with any delegation of powers made by the Council in that behalf.

(2) In the case of administrative or technical staff who have close and important contacts with the academic staff, there shall be Senate participation in the process of selection.

#### *Interpretation*

13. In this Statute, the expression “**the Act**” means the University of Nigeria Act and any expression defined in the Act has the same meaning in this Statute.

#### *Short title*

14. The Statute may be cited as University of Nigeria Statute No. 1

MADE at Lagos this 9th day of January 1978.

Lt-General O. Obasanjo,  
Head of the Federal Military Government,  
Commander-in-Chief of the Armed Forces,  
Federal Republic of Nigeria.

#### **University of Nigeria Act 1978 (1978 No.1)**

#### **College of Medicine of the University of Nigeria Statute University of Nigeria Statute No.2**

##### **Commencement**

In exercise of the powers conferred by sections 3 (1)(a); 3(3), and 9(1)(a) of the University of Nigeria Act 1978, and of all other powers enabling it in that behalf, the University of Nigeria, with the approval of the National Universities Commission and the further approval of the President of the Federal Republic of Nigeria and Commander-in-Chief of the Armed Forces of the Federation, hereby makes the following Statute:-

##### **The College of Medicine**

1. (1) There is hereby established as an integral part of the University, a college to be known as the College of Medicine of the University of Nigeria (hereinafter in this Statute referred to as “the College”) which shall be a body corporate with perpetual succession and a common seal and power to sue and be sued in its corporate name.

- (2) The College shall-
  - (a) as respects its general governance and control, be responsible to the Council; and
  - (b) as respects academic matters, be responsible to the Senate.
- (3) Subject to the overall control of the Council, the College shall have power to manage its own financial affairs.

#### **Provost**

2. (1) There shall be a Provost of the College who shall be the chief executive officer of the College and shall be responsible to the Vice-Chancellor for the day-to-day running of the College.
- (2) The Provost shall be elected by the Academic Assembly of the College from amongst the Professors in the College at a duly constituted meeting of the Assembly at which the election of the Provost is on the agenda.
- (3) The Provost shall hold office for two years from 1st August of the year in which he is elected and shall be eligible for re-election for another term of two years.
- (4) A person who has held office as Provost for a continuous period of four years shall not be eligible for re-election as Provost until four years have elapsed since he last held such office.
- (5) No person shall while holding the post of Provost also be the Dean of a Faculty or Head of any Department of the College.
- (6) A meeting of the Academic Staff Assembly for the election of a Provost shall be held in the month of May or June immediately preceding the expiration of the term of office of an incumbent and the Vice-Chancellor or his nominee shall preside over such meeting.
- (7) Notwithstanding the provisions of paragraph (6) of this section, elections for the appointment of the first Provost shall be held in 1982 so soon after the coming into effect of this Statute as the Academic Staff Assembly shall determine; and the Provost so elected shall vacate office in accordance with the provisions of paragraph (3) of this section.

#### **Deputy Provost**

3. (1) There shall be a Deputy Provost of the College who shall assist the Provost and act in his place if the office of the Provost is vacant or the Provost is for any reason (including absence from the precincts of the College) unable to perform his function as Provost.
- (2) The Deputy Provost shall be elected from amongst the Professors in the College by the Academic Staff Assembly of the College.
- (3) The Deputy Provost shall hold office for two years beginning with the 1st of August of the year in which he is elected and shall be eligible for re-election for another term of two years.
- (4) A person who has held office as Deputy Provost for a continuous period of four years shall not be eligible for re-election as Deputy Provost until four years have elapsed since he last held such office.
- (5) No person shall while holding the office of Deputy Provost of the College also be the holder of the office of the Dean of a Faculty or Head of any Department in the College.
- (6) A meeting for the election of the Deputy Provost shall be held in the month of May or June immediately preceding the expiration of the term of office of the current Deputy provost and the Vice-Chancellor or his nominee shall preside over such a meeting.
- (7) Notwithstanding the provisions of paragraph (6) of this section, elections for the appointment of the first Deputy provost shall be held in 1982 so soon after the coming into effect of this Statute as the Academic Staff Assembly shall determine; and the Deputy provost so elected shall vacate office in accordance with the provisions of paragraph (3) of this section.

#### **Faculties**

4. (1) The College shall consist of Faculties and Institutes which shall be made up of Departments and such other academic units as shall be established in accordance with the procedures prescribed in that behalf by the University.
- (2) The following faculties shall constitute the foundation faculties of the College:-
  - (a) the Faculty of Medical Sciences and Dentistry; and
  - (b) the Faculty of Health Science and Technology.

#### **Faculty Board of Studies**

5. (1) There shall be established for each Faculty of the College, a Board of Studies.
- (2) The Board of Studies shall consist of-
  - (a) the Vice-Chancellor and the Deputy Vice-Chancellor(s);
  - (b) the provost and the Deputy Provost;
  - (c) the Deans of the Faculties in the College;
  - (d) the Medical Librarian;
  - (e) all the academic staff of the College; and
  - (f) such other persons, whether or not members of the University, as the Board of Studies may, with general or special approval of Senate, determine.
- (3) The Board of Studies shall -
  - (a) advise and report to the Academic Board on all matters relating to the organisation, teaching

- and research into the subjects taught in the College including the development and review of curricular and the conduct of examinations;
- (b) consider the progress and conduct of students in the teaching units and report thereon to the Academic Board;
  - (c) recommend to the Academic Board persons for appointment as examiners; and
  - (d) deal with such other academic matters as may be referred to it by the Academic Board.
- (4) The quorum of the Board of Studies shall be eight or one-quarter of the entire members thereof (whichever is the greater)
  - (5) The Dean shall be the Chairman at all meetings of the Faculty Board when he is present; and when he is not present, such other member of the Board, as may be acting for the Dean for the time being, shall preside at that meeting.

#### **Deans of Faculties**

- 6. (1) The dean of a faculty shall be a professor elected by the Faculty Board and each dean shall hold office for a term of two consecutive academic years and after which he will not be eligible for re-election until four years have elapsed.
- (2) If there is no professor in a faculty, the office of the dean of the faculty shall be held in rotation by academic members of the faculty holding the ranks of reader or senior lecturer on the basis of seniority as determined by the Senate.
- (3) The dean of a faculty shall exercise general superintendence over the academic and administrative affairs of the faculty. It shall be the function of the dean to present to convocation for the conferment of degrees and other qualifications persons who have qualified for such degrees or other qualifications of the university at examinations held in the branches of learning for which responsibility is allocated to that faculty.

#### **Board of the College of Medicine**

- 7. (1) There shall be a Board of the College of Medicine (hereinafter in this statute referred to as "the Board of the College") which shall be subject to the overall control of the Council.
- (2) The Board of the College shall -
  - (a) control the property and expenditure of the College;
  - (b) submit to the Council through the Vice-Chancellor, any financial proposals relating to the College;
  - (c) employ on such terms and conditions within the frame-work of the conditions of service governing the appointment of non-academic staff as may appear to the College Board to be necessary;
  - (d) appoint all academic staff of the College up to and including the level of senior lecturers; and
  - (e) perform such other functions of the Council as that Council may from time to time delegate to it.
- (3) The Board of the College shall consist of-
  - (a) the Pro-Chancellor and Chairman of the Council, as Chairman of the Board;
  - (b) the Vice-Chancellor,
  - (c) the Chairman of the University of Nigeria Teaching Hospital Management Board;
  - (d) the Provost and the Deputy Provost of the College;
  - (e) deans of faculties of the College;
  - (f) one person, who is not a member of the academic staff of the University nominated by the Council;
  - (g) two members of the Senate who are not members of the college, nominated by the Senate;
  - (h) two persons who are members of the academic staff of the College, nominated by the Academic Board;
  - (i) one member appointed by the University of Nigeria Teaching Hospital Management Board;
  - (j) the Permanent Secretary of the Federal Ministry charged with responsibility for matters relating to health, or his representative; and
  - (k) the permanent secretary of the Federal Ministry charged with the responsibility for matters relating to University education or his representative.
- (4) The quorum of the Board of the College shall be six.
- (5) Members of the Board of the College shall hold office for a period not exceeding four years.
- (6) A member of the Board of the College appointed under sub-paragraphs (f) to (i) of paragraph (3) above shall hold office for such period as may be determined by the body by which he is nominated.

#### **Secretary**

- 8. (1) There shall be a Secretary to the College who shall, under the general control of the registrar of the University, carry out such duties of an administrative nature as may from time to time be assigned to him by the Board of the College and, subject thereto, by the Provost.
- (2) The Secretary of the College who shall be of the status of a senior deputy registrar, shall be appointed

on behalf of the Council by the Board of the College.

- (3) The person holding the office of Secretary to the College shall by virtue of that office be the Secretary to the Board of the College, the Academic Board and the Academic Staff Assembly.

#### **Financial Controller**

9. (1) There shall be a Financial Controller of the College who shall, under the general control of the University Bursar, be responsible to the Provost for the day-to-day administration of the financial affairs of the College.
- (2) The Financial Controller of the College who shall be of the status of a chief accountant, shall be appointed on behalf of the Council by the Board of the College.

#### **Academic Board**

10. (1) There shall be an Academic Board of the College which shall have control of the academic affairs of the College and shall be responsible and subject to the control of the Senate in all academic matters. It shall also exercise such of the powers of the Senate as the Senate may from time to time delegate to it.
- (2) The Academic Board of the College shall consist of
  - (a) the Vice-Chancellor or his representative;
  - (b) the Deputy Vice-Chancellors;
  - (c) the Provost and the Deputy Provost of the College;
  - (d) the deans of the faculties within the College;
  - (e) the professors in the College;
  - (f) the medical librarian of the College;
  - (g) the persons for the time being holding such appointments on the staff of the College as may be specified by the Provost of the College with the approval of the Vice-Chancellor; and
  - (h) not more than two other members of the academic staff of each faculty within the College elected from amongst the members in accordance with paragraph (5) of this Article.
- (3) The quorum of the Academic Board shall be ten or one-quarter (whichever is greater) of the members for the time being of the Board.
- (4) The Provost of the College shall be the chairman of all meetings of the Academic Board of the College when he is present and when he is not present, the Deputy Provost, or where they are both absent, any person for the meantime performing the functions of the Provost, shall preside at that particular meeting of the Academic Board.
- (5) The Academic Board shall make Regulations prescribing the procedure for the election of members of the Academic Board under sub-paragraph (g) above, who shall hold office for a period of two years beginning with the 1st August in the year of his election and shall at the expiration of his term be eligible for re-election, so however, that no person shall be eligible for re-election at the end of his current period of office if he shall have held office, as an elected member of Board, for a continuous period of six years or would have so held office if he had not earlier resigned it.

#### **Academic Staff Assembly**

- 11 (1) There shall be an Academic Staff Assembly of the College which shall consist of all full-time academic staff of the College.
- (2) The quorum of the Assembly shall be twenty.
- (3) The functions of the Academic Staff Assembly shall be -
  - (a) to elect representatives to various bodies on which the Academic Staff Assembly of the College is specifically required to be represented;
  - (b) to elect a Provost for the College from among the full-time professors of the College;
  - (c) to elect a Deputy Provost for the College from among the full-time professors of the College; and
  - (d) to perform such other functions as the Academic Board may, from time to time, refer to it.
- (4) The Provost shall be the Chairman at all meetings of the Academic Staff Assembly when he is present, and when he is not present, the Deputy Provost or one of the Deans of Faculty as may be mandated by the Provost to be the Chairman at the meeting: Provided that when the Assembly meets to elect a Provost or Deputy Provost, the Vice-Chancellor or his nominee shall preside as Chairman.

#### **Interpretation**

12. Any word or expression used in this Statute shall have the same meaning as defined in the University of Nigeria Act 1978.

#### **Citation and Commencement**

13. (1) The Statute may be cited as the University of Nigeria Statute No.2.
- (2) This Statute shall come into force on 1st day of August, 1982.

ALHAJI SHETTIMA ALI MONGUNO  
Chairman/Member of the Council of the  
University of Nigeria

PROFESSOR FRANK NWACHUKWU NDILI  
Vice-Chancellor/Member of the Senate of the  
University of Nigeria.

APPROVED at Lagos this 3rd day of December 1982

ALHAJI SHEHU USMAN ALIYU SHAGARI  
President of the Federal Republic of  
Nigeria and Commander-in-Chief of the  
Armed Forces of the Federation.

### **Universities (Miscellaneous Provisions) Decree 1993**

#### **Decree No.11**

#### **Commencement.**

(1st January 1993)

**The FEDERAL MILITARY GOVERNMENT** hereby decrees as follows:

#### **Application of Decree to Federal Universities.**

1. Notwithstanding anything to the contrary contained in any law the provisions of this Decree shall apply to a University controlled by the Government of the Federation and listed in the Schedule to this Decree.

#### **Composition of the Council**

2. The Council of any University shall consist of
  - (a) the Pro-Chancellor;
  - (b) the Vice-Chancellor;
  - (c) the Deputy Vice-Chancellors;
  - (d) one person from the Federal Ministry responsible for Education;
  - (e) four persons representing a variety of interests and broadly representative of the whole Federation to be appointed by the National Council of Ministers;
  - (f) four persons appointed by Congregation from among its members;
  - (g) two persons appointed by Congregation from among its members;
  - (h) one person appointed by Convocation from among its members.

#### **Vice- Chancellor of a University.**

3. (1) There shall be a Vice-Chancellor of a University (in this Act referred to as "the Vice-Chancellor") who shall be appointed by the President, Commander-in-Chief of the Armed Forces in accordance with the provisions of this section.
- (2) Where a vacancy occurs in the post of a Vice-Chancellor, the Council shall:-
  - (a) advertise the vacancy in a reputable journal or a widely read newspaper in Nigeria, specifying:-
    - (i) the qualities of the persons who may apply for the post and
    - (ii) the terms and conditions of service applicable to the post, and thereafter draw up a short list of suitable candidates for the post for consideration;
  - (b) constitute a Search Team consisting of:-
    - (i) a member of the Council, who is not a member of the Senate, as chairman;
    - (ii) two members of the senate who are not members of the Council, one of whom shall be a professor;
    - (iii) two members of Congregation who are not members of the Council, one of whom shall be a professor,
 to identify and nominate for consideration, suitable persons who are not likely to apply for the post on their own volition because they feel that it is not proper to do so.
- (3) A Joint Council and Senate Selection Board consisting of:-
  - (a) the Pro-Chancellor, as chairman;
  - (b) two members of the Council, not being members of the Senate;
  - (c) two members of the Senate who are professors, but were not members of the Search Team, shall consider the candidates and persons on the short list drawn up under

subsection (2) of this section through an examination of their curriculum vitae and interaction with them, and recommend to the Council three candidates for further consideration.

- (4) The Council shall select one candidate from among the three candidates recommended to it under subsection (3) of this section and forward his name to the President, Commander-in-Chief of the Armed Forces.
- (5) The President Commander-in-Chief of the Armed Forces may appoint or reject, as Vice-Chancellor, the candidates recommended to him under the provisions of subsection (4) of this section.
- (6) If the President, Commander-in-Chief of the Armed Forces rejects a candidate under subsection (5) of this section, the Council shall forward another name.
- (7) The Vice Chancellor
  - (a) shall hold office for a period of four years beginning with the effective date of his appointment and on such terms and conditions as may be specified in his letter of appointment; and
  - (b) may be re-appointed for one further period of four years and no more.
- (8) The Vice-Chancellor may be removed from office by the Visitor after due consultation with Council and the Senate acting through the Ministry of Education.

#### **Deputy Vice-Chancellors**

4.
  - (1) There shall be for each University such number of Deputy Vice-Chancellors as the Council may, from time to time, deem necessary for the proper administration of the University.
  - (2) Where a vacancy occurs in the post of Deputy Vice-Chancellor, the Vice-Chancellor shall forward to the Senate a list of two candidates for each post of Deputy Vice-Chancellor that is vacant.
  - (3) The Senate shall select for each vacant post one candidate from each list forwarded to it under subsection (2) of this section and forward his name to the Council for confirmation.
  - (4) Where:
    - (a) the Senate rejects the two candidates forwarded to it by the Vice-Chancellor under subsection (2) of this section, the Vice-Chancellor shall submit another list.
    - (b) if the Council rejects the name sent to it under subsection (3) of this section, the Senate shall send the name of other candidate on the list forwarded to it by the Vice-Chancellor under subsection (2) of this section.
  - (5) The Deputy Vice-Chancellor shall-
    - (a) assist the Vice-Chancellor in the performance of this functions;
    - (b) act in the place of the Vice-Chancellor when the post of the Vice-Chancellor is vacant or if the Vice-Chancellor is, for any reason, absent or unable to perform his functions as Vice-Chancellor; and
    - (c) perform such other functions as the Vice-Chancellor or the Council may, from time to time, assign to him.
  - (6) The Deputy Vice-Chancellor-
    - (a) shall hold office for a period of two years beginning from the effective date of his appointment and on such terms and conditions as may be specified in his letter of appointment; and
    - (b) may be re-appointed for one further period of two years and no more

#### **Office of the Registrar**

5.
  - (1) There shall be a Registrar, who shall be the chief administrative officer of the University and shall be responsible to the Vice-Chancellor for the day-to-day administrative work of the University except as regards matters for which the Bursar is responsible in accordance with section 6(2) of this Decree.
  - (2) The person holding the office of Registrar shall by virtue of that office be secretary to the Council, the Senate, Congregation and Convocation.
  - (3) A Registrar -
    - (a) shall hold office for a period of five years beginning from the effective date of his appointment and on such terms and conditions as may be specified in his letter of appointment; and
    - (b) may be re-appointed for one further period of five years and no more.
  - (4) Where on the commencement of this Decree, a Registrar appointed before the commencement of this Decree has held office-
    - (a) for five years or less, he shall be deemed to be serving his first term of office and may be re-appointed for another term of five years;
    - (b) for more than five years but less than ten years, he shall complete the maximum period of ten years and thereafter relinquish his post and be assigned other duties in the University;
    - (c) for ten years or more, the Council may allow him to serve as Registrar for a further period of one year only and thereafter he shall, relinquish his post and be assigned to other duties in the University.

#### **Other Principal Officers of each of the Universities**



6. (1) There shall be for each University the following principal officers, in addition to the Registrar that is-
  - (a) the Bursar and
  - (b) the University Librarian, who shall be appointed by the Council on the recommendation of the Selection Board constituted under section 6 of this Decree.
- (2) The Bursar shall be the chief financial officer of the University and be responsible to the Vice-Chancellor for the day-to-day administration and control of the financial affairs of the University.
- (3) The University Librarian shall be responsible to the Vice-Chancellor for the administration of the University Library and co-ordination of the library services in the University and its campuses, colleges faculties, schools, departments, institutes and other teaching or research units.
- (4) A Bursar or Librarian
  - (a) shall hold office for a period of five years from the effective date of his appointment and on such terms and conditions as may be specified in his letter of appointment;
  - (b) may be re-appointed for a further period of five years and no more.
- (5) Where on the commencement of this Decree a Bursar or Librarian has held office.
  - (a) for five years or less, he shall be deemed to be serving his first term of office and may be re-appointed for another term of five years;
  - (b) for more than five years but less than ten years, he shall complete the maximum period of ten years and thereafter relinquish its post and be assigned other duties in the University;
  - (c) for ten years or more, the Council may allow him to serve as Bursar or Librarian for a further period of one year only and thereafter he shall relinquish his post and be assigned other duties in the University.

**Selection Board for other Principal Officers.**

7. (1) There shall be, for each University, a Selection Board for the appointment of Principal officers, other than the Vice-Chancellor or Deputy Vice-Chancellor, which shall consist of-
  - (a) the Pro-Chancellor, as chairman;
  - (b) the Vice-Chancellor,
  - (c) four members of the Council not being members of the Senate; and
  - (d) two members of the Senate.
- (2) The functions, procedure under subsection (1) of this section shall be as the Council may, from time to time, determine.

**Retiring Age of Academic Staff of the University. Cap. 346 LFN.**

8. (1) Notwithstanding anything to the contrary in the Pensions Act, the compulsory retiring age of an academic staff of a University shall be sixty-five years.
- (2) A law or rule requiring a person to retire from the public service after serving for thirty-five years shall not apply to an academic staff of a University.

**Special provisions relating to pension of professors.**

9. A person who retires as a professor having served-
  - (a) a minimum period of fifteen years as a professor in the University or continuously in the service of a University in Nigeria up to the retiring age; and
  - (b) who during the period of service was absent from the University only on approved national or University assignments, shall be entitled to pension at a rate equivalent to his last annual salary and such allowances, as the Council may, from time to time, determine as qualifying for pension and gratuity, in addition to any other retirement benefits to which he may be entitled.

**Provisions of Decree to prevail.**

10. If a provision of any other law is inconsistent with a provision of this Decree, the provision of this Decree shall prevail and the provision of that other law shall to the extent of the inconsistency be void.

**Interpretation.**

11. In this Decree-

“Bursar” means the Bursar of a University;  
 “Congregation” means Congregation of a University;  
 “Council” means the Council of a University;  
 “Librarian” means the Librarian of a University;  
 “Registrar” means the Registrar of a University;  
 “Senate” means the Senate of a University;  
 “University” means a University listed in the Schedule to this Decree.

**Citation.**

12. This Decree may be cited as the Universities (Miscellaneous Provisions) Decree 1993.

**Schedule**

Sections I and II

**LIST OF FEDERAL UNIVERSITIES TO WHICH THIS DECREE APPLIES**

1. Federal University of Agriculture, Abeokuta
2. University of Abuja, Abuja
3. Federal University of Technology, Akure
4. Nnamdi Azikiwe University, Awka
5. Abubakar Tafawa Balewa University, Bauchi
6. University of Benin, Benin
7. University of Calabar, Calabar
8. University of Ibadan, Ibadan
9. Obafemi Awolowo University, Ile-Ife
10. University of Ilorin, Ilorin
11. University of Jos, Jos
12. Bayero University, Kano
13. University of Lagos, Lagos
14. University of Maiduguri, Maiduguri
15. Federal University of Technology, Minna
16. Federal University of Agriculture, Makurdi
17. University of Nigeria, Nsukka
18. Federal University of Technology, Owerri
19. University of Port-Harcourt, Port-Harcourt
20. Usman Danfodio University, Sokoto
21. Federal University of Agriculture, Umudike
22. University of Uyo, Uyo
23. Federal University of Technology, Yola
24. Ahmadu Bello University, Zaria

Made at Abuja this 1st day of January 1993

General I. B. Babangida,  
*President, Commander-in-chief of the Armed Forces, Federal Republic of Nigeria.*

**Appendix****EXPLANATORY NOTE**

*(This note does not form part of the above Decree but is intended to explain its purpose)*

The Decree, among other things, reconstitutes the membership of the University Council of all Federal Universities and sets out uniform procedure for the appointment of Vice-Chancellors and Deputy Vice-Chancellors.

**UNIVERSITIES (MISCELLANEOUS PROVISIONS)  
(AMENDMENT) DECREE 1996**

Decree No. 25  
(21st August 1996)

**The Federal Military Government hereby decrees as follows:**

- 1) The Universities (Miscellaneous Provisions) Decree 1993 (in this Decree referred to as "the principal Decree"), as amended is hereby further amended as set out in this Decree.
- 2) Section 2 of the principal Decree is amended in paragraph (e) thereof by substituting for the word "four" the word "nine".
- 3) Section 3 of the principal Decree is amended -
  - a) in subsection (3) by substituting for the words "and recommend to the Council three candidates for further consideration" appearing in line 4 after paragraph (c) thereof the following new words "and recommend to the Council suitable candidates for further consideration".
  - b) in subsection (4) by substituting therefore the following new subsection that is-

- "(4) The Council shall select three candidates from among the candidates recommended to it under subsection (3) of this section and may indicate its order of preference stating the reasons therefore and forward the names to the Head of State, Commander-in-Chief of the Armed Forces".
- c) (c) in subsection (5) by substituting therefore the following new subsection, that is-"(5) The Head of State, Commander-in-Chief of the Armed Forces may appoint as Vice-Chancellor, any one of the candidates recommended to him in accordance with the provisions of subsection (4) of this section.
  - d) by deleting subsection (6) thereof and renumbering the existing subsection (7) as subsection (6):
  - e) in subsection (6) as renumbered, by substituting therefore the following new subsection, that is -"(6) The Vice-Chancellor shall hold office for a single term of five years only on such terms and conditions as may be specified in his letter of appointment".
  - f) by inserting immediately after subsection (6) thereof the following new subsection, that is -"(7) For the avoidance of doubt, the provisions of subsection (6) of this section shall -
    - i) only be applicable to those appointed to the office of Vice-Chancellor after the commencement of this Decree.
    - ii) not confer on a person serving a first term of office as Vice-Chancellor before the commencement of this Decree, any right to the renewal of the appointment for a further term of four years".
- 4) Section 4 of the principal Decree is amended by deleting the first subsection (4)(a) and (b) appearing therein.
  - 5) The Universities (Miscellaneous Provisions) (Amendment) Decree 1993 is hereby consequentially repealed.
  - 6) This Decree may be cited as the Universities (Miscellaneous Provisions) (Amendment) Decree 1996.

MADE at Abuja this 21st of August 1996

General Sani Abacha  
Head of State, Commander-in-Chief of the Armed Forces,  
Federal Republic of Nigeria.



Commissioning of the ultramodern ICT Building donated by Zenith Bank Plc: At the centre, about to cut the tape is the Vice Chancellor, Professor B.C. Ozumba; to his right is the Deputy Vice Chancellor Administration, Professor C.A. Igwe; and holding the tape to his left is a representative of Zenith Bank.

## Chapter 3

## General Information

**UNIVERSITY OF NIGERIA, NSUKKA**  
**SCHEDULE OF UNDERGRADUATE CONSOLIDATED SERVICE CHARGES FOR 2016/2017**  
**SESSION**

FIRST YEAR																											
S/N	FACULTY	Soc. Sciences	Pub Admin	Agriculture	Education	Voc Tech Ed.	Arts	Busi. Admin	Environ. Sciences	Engineering	Phys Sciences	Total (N)	Student Life & Accident Insurance (N)	Academic Handbook/Regulations (N)													
1		700		700	350	1,000	5,000	1,000	2,000	20,000	500	3,000	2,000	3,700	1,000									61,750	1,500	4,600	12,000
2		700		700	350	1,000	5,000	1,000	2,000	20,000	500	3,000	2,000	3,700	1,000									61,750	1,500	4,600	12,000
3		700		700	350	1,000	5,000	1,000	2,000	20,000	500	3,000	2,000	3,700	1,000									61,750	1,500	4,600	12,000
4		700		700	350	1,000	5,000	1,000	2,000	20,000	500	3,000	2,000	3,700	1,000									61,750	1,500	4,600	12,000
5		700		700	350	1,000	5,000	1,000	2,000	20,000	500	3,000	2,000	3,700	1,000									61,750	1,500	4,600	12,000
6		700		700	350	1,000	5,000	1,000	2,000	20,000	500	3,000	2,000	3,700	1,000									61,750	1,500	4,600	12,000
7		700		700	350	1,000	5,000	1,000	2,000	20,000	500	3,000	2,000	3,700	1,000	2,500	1,000	500	600	500	300	500		64,250	1,500	4,600	12,000
8		700		700	350	1,000	5,000	1,000	2,000	20,000	500	3,000	2,000	3,700	1,000	2,500	1,000	500	600	500	300	500		64,250	1,500	4,600	12,000
9		700		700	350	1,000	5,000	1,000	2,000	20,000	500	3,000	3,000	3,700	1,000	2,500	1,000	500	600	500	300	500		65,250	1,500	4,600	12,000
10		700		700	350	1,000	5,000	1,000	2,000	20,000	500	3,000	3,000	3,700	1,000		1,000	500	600	500	300	500		62,750	1,500	4,600	12,000

**NOTE:** Accommodation/Service Charge of ₦9,000 for male hostels and ₦11,500 for female hostels are not part of this Fee structure and payable only after payment of the consolidated service charges and evidence of accommodation allocation

Re-sit fee for College of Medicine is ₦5,000

Direct Entry Students are to pay ₦10,000, a charge for verification of their entry certificates

UNIVERSITY OF NIGERIA, NSUKKA

### ADDITIONAL CHARGES

Public Administration and Local Government Students are to pay additional charge of ₦5,000 as Tuition Fee

Direct Entry Students are to pay ₦10,000, a charge for verification of their entry certificates

UNIVERSITY OF NIGERIA, NSUKKA

SCHEDULE OF UNDERGRADUATE CONSOLIDATED SERVICE CHARGES FOR 2016/2017 SESSION	
OTHER YEARS	
Total (A)	
Student Life & Accident Insurance (A)	
Internet Access Fee (A)	
Course Reg Fees (A)	
Dept Dues (A)	
Faculty Dues (A)	
SLG (A)	
Students Welfare Scheme (A)	
Orientation Materials (A)	
Professional Fees (A)	
Alumni (A)	
Visual Lib Access (A)	
ICT (A)	
Lab/Computer (A)	
UNN Calendar (A)	
ID Card (A)	
Dev Fee (A)	
Health Insurance Scheme (A)	
Caution (A)	
Exam (A)	
Sports (A)	
Lib (A)	
Reg (A)	
FACULTY	
S/N	

1	Soc. Sciences	700	350	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000		500	500	500	300	500	8,000	1,500	38,050
2	Pub Admin	700	350	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000		500	500	500	300	500	8,000	1,500	38,050
3	Agriculture	700	350	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000		500	500	500	300	500	8,000	1,500	38,050
4	Education	700	350	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000		500	500	500	300	500	8,000	1,500	38,050
5	Voc Tech Ed.	700	350	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000		500	500	500	300	500	8,000	1,500	38,050
6	Arts	700	350	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000		500	500	500	300	500	8,000	1,500	38,050
7	Env. Sciences	700	350	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000	2,500	500	500	500	300	500	8,000	1,500	40,550
8	Bus ss Admin	700	350	1,000	5,000	2,000	10,000		2,000	3,700	1,000	2,500	500	500	500	300	500	8,000	1,500	40,050
9	Engineering	700	350	1,000	5,000	2,000	10,000	500	3,000	3,700	1,000	2,500	500	500	500	300	500	8,000	1,500	41,550
10	Phys. Sciences	700	350	1,000	5,000	2,000	10,000	500	3,000	3,700	1,000		500	500	500	300	500	8,000	1,500	39,050
11	Biol. Sciences	700	350	1,000	5,000	2,000	10,000	500	3,000	3,700	1,000		500	500	500	300	500	8,000	1,500	39,050
12	Vet Med.	700	350	1,000	7,000	2,000	10,000	500	3,000	3,700	1,000	2,500	500	500	500	300	500	8,000	1,500	43,550
13	Law	700	350	1,000	7,000	2,000	10,000	500	3,000	3,700	1,000	2,500	500	500	500	300	500	8,000	1,500	43,550

14	Medicine	700	350	1,000	7,000	2,000	10,000	500	4,000	3,700	1,000	2,500	500	500	500	300	500	8,000	1,500	44,550
15	Dentistry	700	350	1,000	7,000	2,000	10,000	500	4,000	3,700	1,000	2,500	500	500	500	300	500	8,000	1,500	44,550
16	Health Sc & Tech	700	350	1,000	7,000	2,000	10,000	500	4,000	3,700	1,000	2,500	500	500	500	300	500	8,000	1,500	44,550
17	Pharmacy	700	350	1,000	7,000	2,000	10,000	500	4,000	3,700	1,000	2,500	500	500	500	300	500	8,000	1,500	44,550

**ADDITIONAL CHARGES**

NOTE: Accommodation/Service Charge of ₦9,000 for Male hostels and ₦11,500 for Female hostels are not part of this Fee structure and payable only after payment of the consolidated service charges and evidence of Accommodation allocation

Hall Levy of ₦500 is Payable to Hostel Government at the Halls

Re-sit Fee for College of Medicine is ₦5,000

Direct Entry Students are to pay ₦10,000, a charge for verification of their entry certificates

FEES CAN BE PAID AT ANY BRANCH OF COMMERCIAL BANK VIA REMITA

**UNIVERSITY OF NIGERIA, NSUKKA**

**SCHEDULE OF UNDERGRADUATE CONSOLIDATED SERVICE CHARGES FOR 2016/2017 SESSION**

FINAL YEAR																				
S/N	FACULTY	Reg (₦)	Lib (₦)	Sports (₦)	Exam (₦)	Health Insurance Scheme (₦)	Dev Fee (₦)	ID Card (₦)	Lab/Computer (₦)	ICT (₦)	Visual Lib Access (₦)	Alumni (₦)	Professional Fees (₦)	Students Welfare Scheme (₦)	Orientation Materials (₦)	SLG (₦)	Faculty Dues (₦)	Dept Dues (₦)	Course Reg Fees (₦)	Internet Access Fee (₦)
1	Soc Sciences	500	300	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000	1,000		500	500	500	300		8,000	1,500
2	Soc. Sciences/ Pub	500	300	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000	1,000		500	500	500	300		8,000	1,500
3	Agriculture	500	300	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000	1,000		500	500	500	300		8,000	1,500
4	Education	500	300	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000	1,000		500	500	500	300		8,000	1,500

5	Voc Tech Ed	500	300	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000	1,000		500	500	500	300	8,000	1,500	38,300
6	Arts	500	300	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000	1,000		500	500	500	300	8,000	1,500	38,300
7	Envi Sciences	500	300	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000	1,000	2,500	500	500	500	300	8,000	1,500	40,800
8	Bus Admin	500	300	1,000	5,000	2,000	10,000	500	2,000	3,700	1,000	1,000	2,500	500	500	500	300	8,000	1,500	40,800
9	Engineering	500	300	1,000	5,000	2,000	10,000	500	3,000	3,700	1,000	1,000	2,500	500	500	500	300	8,000	1,500	41,800
10	Phys Sciences	500	300	1,000	5,000	2,000	10,000	500	3,000	3,700	1,000	1,000		500	500	500	300	8,000	1,500	39,300
11	Biol Sciences	500	300	1,000	5,000	2,000	10,000	500	3,000	3,700	1,000	1,000		500	500	500	300	8,000	1,500	39,300
12	Vet Med	500	300	1,000	7,000	2,000	10,000	500	3,000	3,700	1,000	1,000	2,500	500	500	500	300	8,000	1,500	43,800
13	Law	500	300	1,000	7,000	2,000	10,000	500	3,000	3,700	1,000	1,000	2,500	500	500	500	300	8,000	1,500	43,800
14	Medicine	500	300	1,000	7,000	2,000	10,000	500	4,000	3,700	1,000	1,000	2,500	500	500	500	300	8,000	1,500	44,800
15	Dentistry	500	300	1,000	7,000	2,000	10,000	500	4,000	3,700	1,000	1,000	2,500	500	500	500	300	8,000	1,500	44,800
16	Health Sc & Tech	500	300	1,000	7,000	2,000	10,000	500	4,000	3,700	1,000	1,000	2,500	500	500	500	300	8,000	1,500	44,800
17	Pharmacy	500	300	1,000	7,000	2,000	10,000	500	4,000	3,700	1,000	1,000	2,500	500	500	500	300	8,000	1,500	44,800

**ADDITIONAL CHARGES**

NOTE: Accommodation/Service Charge of ₦9,000 for Male hostels and ₦11,500 for Female hostels are not part of this Fee structure and payable only after payment of the consolidated service charges and evidence of Accommodation allocation

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**SCHEDULE OF UNDERGRADUATE CONSOLIDATED SERVICE CHARGES FOR 2016/2017  
SESSION**

**LAPTOP ACQUISITION SCHEME**

S/N	PAYMENT OPTION	AMOUNT (₦)	AMOUNT (₦)
1	<b>FULL PAYMENT</b>		<b>90,000.00</b>
	<b>INSTALLMENTAL PAYMENT PLAN:</b>		
2(A)	FIRST INSTALLMENT	30,000.00	
2(B)	SECOND INSTALLMENT	30,000.00	
2(C)	THIRD INSTALLMENT	30,000.00	
2(D)	FINAL INSTALLMENT	30,000.00	
	<b>TOTAL PAYMENT FOR INSTALLMENTAL OPTION</b>		<b>120,000.00</b>

**Charges for Services Rendered in the Examinations Office of the Registry**

- |                                      |   |          |  |
|--------------------------------------|---|----------|--|
| 1. Certificate Verification          | – | ₦1000.00 |  |
| 2. Statement of Result Certification | – | ₦1000.00 |  |
| 3. Add and Drop Cards                | – | 300.00   |  |
| 4. Confirmation of Result            | – | 1000.00  |  |

For public relations purposes, employers and organizations asking for authentication of our students' results/certificates are not *ab initio* confronted with payment of the authentication cost. Their requests are addressed but subsequently informed of the approved fees.

Expatriate staff members of the University without the NESS should have their children considered and treated as Nigerian students.

**Academic Prize List**

- A. **UNIVERSITY PRIZE**  
(Value: ₦75, 000.00)  
To the overall Best Graduating Student of the Session
- B. **FACULTY PRIZES**  
(Value: ₦20, 000.00)  
To the Best Graduating student of the Faculty
- C. **DEPARTMENTAL PRIZES**  
To the Best Graduating student of the Department  
(Value ₦5, 000.00)
- D. **OTHER PRIZES**
  1. **Indira Gandhi Memorial Prizes**  
(Value: ₦1, 500.00)  
To the best graduating student of the session.  
2<sup>nd</sup> Prize to the Best Female graduating Students of the session  
(Value ₦1,000.00)
  2. **Hon. F.A. Mgbulu-Amadi Prize in Resources Development**  
To the best graduating student of the session.  
(Value ₦1,500.00)
  3. **U.N.N. Community Bank Prize**  
To the Best Graduating Student of the Session  
(Value: ₦2,000.00)
  4. **University of Nigeria Alumni Association/General Studies Prize**  
To the best graduating student for the in the following areas of study

(Value ₦10,000.00)

1. General Studies 101 (the use of English)
2. General Studies 105 (Natural Science)
3. General Studies 207 (Humanities)
4. General Studies 103 (Social Sciences)

#### **FACULTY OF AGRICULTURE**

5. **UAC of Nigeria Plc Prize**  
To the Best Graduating Student in the Faculty of Agriculture  
(Value: ₦ 2,500.00)
6. **Nestle Nutrition Prize**  
To the Best Graduating Student in Home Science and Nutrition Department  
(Value: ₦5,000.00)
7. **Chief H.M.I. Ihebih Academic Prize Award**  
To the Best Graduating Student in the Faculty of Agriculture  
(Value: ₦1, 000.00)
8. **Friesland Food WAMCO Plc**  
To the best graduating student in Food Science and Technology  
(Value: ₦50, 000.00)
9. **Elder A. Egbichi Iheukwumere (Nee Ogai) Prize**  
To the Best Graduating student in the Department of Home Science, Nutrition and Dietetics  
(Value: ₦1, 000.00)

#### **Faculty of Arts**

10. **Babatunde Jose Prize**  
To the Best graduating student who excelled in reporting in the Department of Mass Communication  
(Value: ₦5, 000.00)
11. **Professor James N. Amankulor Memorial Prize Award**  
To the Best Graduating Student in Theatre Arts/Film Studies  
(Value: ₦1, 000.00)
12. **Egodi Uchendu Prize**  
To the best male graduating student in the Department of History and International Affairs  
(Value: ₦5,000.00)
13. **UNIJOS Igbo Women's Cultural Association Prize**  
To the Best Graduating Student in Igbo Language  
(Value: ₦1, 000.00)
14. **Ife-Ogbonna Prize in Memory of Akanu-Ibiam**  
To the Best Graduating student who produced the best long essay writing in Igbo in the Department of Linguistics and Nigerian Languages  
(Value: ₦1, 000.00)
15. **Professor Nwanna Nzewunwa Prize**  
To the Best Graduating Student in African Archaeology  
(Value: ₦1,000.00)
16. **Professor Thurstan Shew Prize**  
To the Best graduating student in the field of Archaeology  
(Value: ₦1,000.00)
17. **The Dick Udensi Ogan Prize in Igbo Translation**  
To the Best performance in Igbo Translation in the Department of Linguistics & Nigerian Languages  
(Value: ₦10,000.00)
18. **Prof. Emeka Nwabueze Prize**  
(Value ₦1,000.00)  
To the best graduating student in Theatre Art and Film Studies
19. **The Babatunde Lawal Prize**  
To the best graduating student in Fine & Applied Arts  
(Value: ₦20,000.00)
20. **Chief Festus Asogwa Akamha Memorial Award**

- To the Best Graduating student in the Department of fine and Applied Art  
(Value ₦5,000.00)
21. **Hon. Ghali Umar Na'Abba Prize in Memory of Late Rt. Dr. Nnamdi Azikiwe**  
To the Best Graduating Student in Mass Communication.  
(Value: ₦5, 000.00)

#### FACULTY OF BIOLOGICAL SCIENCES

22. **Dr. P. C. Agbaroji Prize**  
To the Best Graduating Student in the Faculty of Biological Sciences  
(Value: ₦1, 000.00)
23. **Prof. H. C. Gugnani Prize**  
To the Best Graduating Student in the Department of Microbiology  
(Value: ₦1, 000.00)

#### FACULTY OF BUSINESS ADMINISTRATION

24. **Sir Odumegwu Ojukwu Memorial Prize**  
To the Best Final Year Student in the Faculty of Business Administration  
(Value: ₦1, 500.00)
25. **Nigeria Deposit Insurance Corporation Prize**  
To the Best Graduating Student in Banking/Finance  
(Value: ₦1, 000.00)
26. **Nigeria Deposit Insurance Corporation Prize**  
To the Best Graduating Student in Accountancy  
(Value: ₦1, 000.00)
27. **Nigeria Deposit Insurance Corporation Prize**  
To the Best Graduating Student in Management  
(Value: ₦1, 000.00)
28. **Afribank University Award**  
To the Best Graduating Student in Banking/ Finance  
(Value: ₦1, 000.00)
29. **Nigeria – American Merchant Bank Ltd. Academic Award**  
To the Best Graduating Student in Banking/ Finance  
(Value: ₦5, 000.00)
30. **Zenith International Bank Ltd. Academic Award**  
a. To the Best Graduating Student in Accountancy  
(Value: ₦75, 000.00)  
b. To the Best Graduating Student in Management  
(Value: ₦75, 000.00)  
c. To the Best Graduating Student In Banking/ Finance  
(Value: ₦75, 000.00)
31. **African Marketing Development Foundation Prize**  
To the Best Graduating Student in Marketing  
(Value: ₦75, 000.00)

#### FACULTY OF EDUCATION

32. **Dr. P. C. Agbaroji Prize**  
To the Best Graduating Student of the Faculty of Education  
(Value: ₦1, 000.00)
33. **Fafunwa Educational Foundation Prize**  
To the Best Graduating Student in the Department of Education.  
(Value: ₦1, 000.00)
34. **Chief Dr. Enoch Ifediora O. Prize**  
To the Best Graduating Student in the Faculty of Education  
(Value: ₦1, 000.00)

#### FACULTY OF ENGINEERING

35. **Ove Arup & Partners Nigeria Prize**  
To the Best Graduating Student in the subject Civil Engineering  
(Value: ₦1, 000.00)

36. **Ifeyinwa Ezechukwu Memorial Prize**  
To the Best Graduating Student in the Department of Electronic Engineering  
(Value: ₦5,000.00)
37. **Prof. Gordian Onumneme Ezekwe Prize**  
To the Best Mechanical Engineering Final Year Student in Machine Design  
(Value: ₦5,000.00)
38. **NNEJI FOUNDATION PRIZES**
- A. **Engr. John Obinna Chukwu Prize to the best graduating student in the Faculty of Engineering**  
(Value: ₦100,000.00)
  - B. **Chief Mrs. Justina Ulunma Chukwu Prize to the best graduating student in Civil Engineering**  
(Value: ₦50,000.00)
  - C. **Okenze Ezinne Innocent Nneji Chukwu Prize to the best graduating student in Mechanical Engineering**  
(Value: ₦50,000.00)
  - D. **Ezenne Lolo Josephine N. Chukwu Prize to the best graduating student in Agricultural and Bioresources Engineering**  
(Value: ₦50,000.00)
  - E. **Engr. John Chukwu prize to the best graduating student in Metallurgical and Material Engineering**  
(Value: ₦50,000.00)
  - F. **Nneji Foundation prize to the best graduating student in Electrical Engineering**  
(Value: ₦50,000.00)
  - G. **Doveland International Schools Ltd Abuja prize to the best graduating student in Electronic Engineering**  
(Value: ₦50,000.00)
  - H. **Engr. Emeka Mamah Ezech Prize to the best graduating student in Civil Engineering Practice**  
(Value: ₦25,000.00)
  - I. **Rev. Fr. Prof Ryan Patrick SJ prize to the best graduating student in Structural Engineering, Civil Engineering Department**  
(Value: ₦25,000.00)
  - J. **Rev. Fr. Peter Schindler SJ prize to the best graduating student in Transportation Engineering**  
(Value: ₦25,000.00)
  - K. **Nneji Foundation Prize**  
To the most and exemplary (Faculty) innovative, resourceful lecturer in leadership, student mentoring, management, innovation and contribution to growth in education, research, development, local content and entrepreneurship in the Faculty of Engineering (Value: ₦50,000.00)

#### **FACULTY OF ENVIRONMENTAL STUDIES**

39. **Chief Dr. E.C. Iwuanyanwu Prize**  
(Value: ₦1,000.00)  
To the Best Graduating Student in the Department of Geoinformatics and Surveying
40. **Chief Simon N. Okeke Prize**  
To the Best Graduating Student in Valuation in the Department of Estate Management  
(Value: ₦1,000.00)
41. **Arch (Chief) O.O. Balogun Annual Prizes for Architecture Students**  
(Value: ₦7,000.00)  
Distributed to the Best Students as follows:
- 1. (₦2,000.00) To the Best overall student in Architecture
  - 2. (₦2,000.00) To the Best student Portfolio
  - 3. (₦1,000.00) To the Best student in Building construction
  - 4. (₦1,000.00) To the Best student in Project Management:
  - 5. (₦1,000.00) To the Best student in Presentation/Computer Graphics
42. **Dr. P.C. Agbaroji Prize**

- To the Best Graduating Student in the Faculty of Environmental Studies  
(Value: ₦1, 000.00)
43. **Nigerian Institute of Architects Prize**  
To the Best Graduating/Student in Architecture  
(Value: ₦1, 000.00)
44. **Sir Odumegwu Ojukwu Memorial Prize**  
To the Best Final Year Student in Estate Management  
(Value: ₦1,500.00)
45. **Arch Ezigbo T. Okoro Prize**  
To the Best Graduating Student in Architecture  
(Value: ₦10, 000.00)

#### FACULTY OF HEALTH SCIENCES AND TECHNOLOGY

46. **Dr. P.C. Agbaroji Prize**  
To the Best Graduating Student in the Faculty of Health Sciences and Technology  
(Value: ₦1, 000.00)
47. **Prof. P.O. Ebigbo's Prize**  
(Value: ₦4, 000.00)
- (1) To the Best Graduating Student in the Department of Medical Laboratory Science
- (2) To the Best Graduating Student in the Department of Medical Rehabilitation
- (3) To the Best Graduating Student in Radiography and Radiological Sciences
- (4) To the Best Graduating Student in the Department of Nursing Sciences
48. **Dr. Victoria Mojekwu's Prize**  
To the Overall Best in Nursing Science Department  
(Value: ₦2, 000.00)

#### FACULTY OF LAW

49. **Sola Ajibola Academic Prize**  
To the Best Graduating Student in Jurisprudence  
(Value: ₦1, 000.00)
50. **Dr. Chukwudifu, Ubaezenu Memorial Prize**  
To the Best Final Year Student in Environmental Law  
(Value: ₦1, 000.00)
51. **Okey Akobundu Prize**  
To the best graduating student/s in two final year courses in Faculty of Law  
(Value: ₦50, 000.00)
- i. Company and Partnership Law
- ii. Jurisprudence and Legal Theory

#### FACULTY OF MEDICAL SCIENCES

52. **Kodilinye and Nworah Special Prize Award in Ophthalmology**  
To the Best Graduating Student in the Community Medicine in the area of Primary Health Care.
53. **Senator (Dr) E. Emezie Prize**  
To the Best Graduating Student in Community Medicine in the area of Primary Health Care.  
(Value: ₦1, 000.00)
54. **Obinna Onyejaka Prize Community Medicine Prize**  
To the Best Graduating Student in Community Medicine  
(Value: ₦2,000.00)
55. **Dr. Ferdinand Okechukwu Ubah Memorial Prize**  
To the Best Graduating Student in Surgery  
(Value: ₦2,000.00)
56. **Dr. S.E. Imoke Annual Prize**  
To the Best all round Graduating Medical Student  
(Value: ₦1,000.00)
57. **Dr. Edo Ezeanolue Prize**  
To the Best Graduating Student in Paediatrics  
(Value: A Merit Certificate and one Nelson Textbook of Paediatrics)
58. **Mrs. Umo Ekpa and Miss Ijeoma Ofoegbu Memorial Prizes**  
To the Best Student in Surgery

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(Value: ₦20,000.00)

59. **Dr. Roseline Ugochi Ihejiahi Memorial Prize**

To the best graduating student in Paediatrics

(Value: ₦150,000.00)

60. **Justice C. Nweze Prize**

To the best graduating student in Faculty of Law

(Value: ₦20,000.00)

**FACULTY OF PHARMACEUTICAL SCIENCES**

61. **Nwabuogochukwu Chinekwu Osita-Izukanne Annual Prizes**

- A. To the Best Graduating Student in the Year who must make at least three Distinctions in the finals (Faculty of Pharmaceutical Sciences)

(Value: ₦4,000.00).

- B. To the Best Graduating Student in Clinical Pharmacy who must make Distinctions in that course.

(Value: ₦1,000.00).

**FACULTY OF PHYSICAL SCIENCES**

62. **Mrs. Mercy Mina Ikivike Oyi Guguma Memorial Prize**

To the Best Graduating Student with the Highest G.P.A. in the Department of Geology.

(Value: ₦1,000.00)

63. **Prof. S.O. Orajaka Endowment Fund**

To the Best Student in the Department of Geology

(Value: ₦1,000.00)

64. **Chief H.C. Emerole Mathematics Prize in Memory of Dr. Adiele Nwosu**

To the Graduating Student of Mathematics with not less than a second Class Honours Upper Division

(Value: ₦10,000.00)

65. **The National Identity Management Commission's Prize for the Best Graduating Student in the Department of Computer Science.**

(Value: ₦50,000.00)

**FACULTY OF THE SOCIAL SCIENCES**

66. **Professor Onigu Otite Prize**

To the Best Student of the Department of Sociology/Anthropology

(Value: ₦1,000.00)

67. **Nigerian Deposit Insurance Corporation Prize**

To the Best Graduating Student in Economics

(Value: ₦1,000.00)

68. **Chief Enoch Ifediora Oil Prize**

To the Best Graduating Student in the Department of Geography

(Value: ₦1,000.00)

69. **Dr. Pius Okigbo Academic Prize**

To the Best final Year Student in Economics

(Value: ₦10,000.00)

70. **Zenith International Bank Limited Academic Awards**

To the Best Graduating Student in Economics

(Value: ₦75,000.00)

71. **Chief (Hon.) Nwankwo Nnabuchi Prizes**

(Value: ₦10,000.00).

- a. To the Best Graduating Student in Ethics
- b. To the Best Graduating Student in African Traditional Religion
- c. To the Best Graduating Student in Metaphysics
- c. To the best behaved final year student in the Department of Religion for session (Value: Holy Bible)

72. **Ven. Clifford Uzoechi Okpala Academic Prize**

To the Best Graduating Student in Religion

(Value: ₦10,000.00 and a holy Bible)

## FACULTY OF VETERINARY MEDICINE

73. **Nigeria Veterinary Medical Association Prize**  
To the Best Graduating Student in Veterinary Medicine  
(Value: ₦1, 000.00)
74. **Professor Lekan Ayanwales Endowment Fund**  
To the Best Graduating Student in Veterinary Public Health  
(Value: ₦3, 000.00)

### Student Welfare Services

The University has an Office of the Student Affairs which manages the Halls of Residence, promotes the intellectual, social, psychological and religious welfare of students and co-ordinates a variety of student activities planned by a number of student organisations. It also takes care of students' conduct and discipline.

The Student Affairs Department runs counselling and guidance services aimed at assisting the students. The counselling service also covers the academic, psychological, social, personal and some other problems of students.

Careers and Students Services Office of the Registrar's Department acts as liaison with employers in conducting interviews and placements of graduating students. Its other functions include scholarships and prizes, loan forms, National Youth Service Corps matters as well as foreign students' affairs.

Halls of Residence- The University admits residential and non-residential students. All residential students live in rooms usually furnished with wardrobes, writing tables, chairs and bookshelves. The institution also usually supplies beds and mattresses. There are a number of Halls of Residence/Hostels on both campuses of the University some of which also provide catering facilities. Besides, there are quite a good number of Students' Canteens and Refectories on the campuses. Non-residential students make their own accommodation arrangements.

Students Union - There is a Students' Union catering for the welfare of all undergraduate and sub-degree regular students of the University. All the postgraduate students of the University have their own Graduate Student Union. The students are expected to play vital individual roles in the activities/programmes of the Students Unions which are designed for the optimum development of the individual.

Recreation - Facilities already available include a modern stadium known as the Akanu Ibiam Stadium with football field as well as facilities for field and track events and changing rooms, cricket field, hockey fields, several tennis courts, badminton, basketball, net-ball and volley-ball courts, a modern swimming pool with a ten meter diving board, provision for weight training and a gymnasium for indoor activities.

### University of Nigeria Libraries

The University of Nigeria Libraries consist of the Nnamdi Azikiwe Library, the Libraries of the faculties of Agriculture and Education and the Institute of African Studies on the Nsukka campus, the Enugu Main Library, the Library of the Institute of Development Studies (IDS) at the Enugu Campus, and the Medical Library located at the College of Medicine, University of Nigeria Teaching Hospital, Enugu. The Nnamdi Azikiwe Library which is the main University Library houses the Union catalogue showing a record of all the holdings of the libraries in the system.

These libraries contain well over 700,000 volumes of books, 295 current journal titles and 9,068 microform items. Journal and book purchases which dwindled between 1983 and 1992 due to the world wide economic recession was revitalized between 1993 by the Federal Government through the National Universities Commission (NUC) and the World Bank assisted project. After the project, there has been a steady growth in the libraries. The Nnamdi Azikiwe Library has a growing collection of publications by international bodies/ organization such as:

- i. The United Nation
- ii. The Food and Agriculture Organization (FAO) of the United Nation and
- iii. The United Nations Educational, Scientific, and Cultural Organization (UNESCO).

It also has a special collection of documents published by various governments of Nigeria as well as the Biafrana collection (Publications on the Nigeria Civil War).

### Registration of Readers

The primary users of the libraries are the students and staff of the University of Nigeria. All users must complete registration formalities and renew their borrowers' cards at the beginning of each academic session before making use of the libraries.

### Library Services

The services of the University Libraries are geared toward adequate support of the undergraduate, graduate, and research programmes of the University. The Libraries provide the following services:

**i. Leading**

Most books except reference materials may be borrowed for a period of four weeks for undergraduate and postgraduate students and eight weeks for teaching staff and other senior members of staff of the University during academic sessions. All books on loan must be returned to the Libraries by the end of the academic year. The libraries render services to external users under certain conditions.

**ii. Reserved Books**

Books in constant demand by readers are placed in the Reserved Book Unit of the Circulation Section. The purpose is to ensure that all concerned get equal access to these books. Such books are not to be taken out of the Library, but may be borrowed for use within the Library for two hours at a time.

**iii. Reference Services**

The libraries have a number of adequately qualified staff, including profession librarians who offer both reference services and bibliographic counselling go all users. Users can avail themselves of these services by discussing their information needs with the Reference Librarian

**iv. On-Line Public Access Catalogue (OPAC) and CD-ROM Services**

The libraries have currently installed a computer network and before long, the Libraries' Union Catalogues will also available to staff and postgraduate students of the University for bibliographic verification. Electronic mails and internet services have been installed for information searching.

**v. Current Awareness**

New accessions in the libraries are displayed for a period of not less than one week for users to browse through. Periodic exhibitions are also held on topical issues of academic and research interest.

**vi. Online Searching Services**

Users are provided with information on the online databases that are accessible in the libraries. They are also assisted on how to develop appropriate search strategies that will enable them to have access to the online databases. The services allow librarians to create awareness of free full-text online databases in different disciplines or subject areas and make them available to lectures and students.

**vii. Research Support Services**

Our professional librarians with some degree of subject strength are working closely with lecturers and students to identify their information needs and to provide information resources to meet those needs. The research support service is a legitimate proactive library service aimed at identifying users information needs and providing consultation or advice as well as information resources to meet those needs

**viii. Photocopying Services**

The libraries provide facilities for users to photocopy materials that may not be given out on loan.

**ix. Referral and Inter-Library Co-operation**

Users are given information on where to locate materials that are not within the holding of the libraries and when necessary, the libraries can arrange to obtain materials needed from other libraries solely on request by users.

**x. Bindery**

The Library Bindery is located in the Nnamdi Azikiwe Library. Jobs from outside the library are also undertaken by this Unit.

**Medical Services**

The Medical Centres in both Campuses care for the health of the students, staff and the families of staff members and are staffed with a team of experienced doctors, pharmacists, laboratory technologists, nursing sisters and staff nurses, sanitary superintendents and other paramedical personnel.

The Medical Centre at Nsukka has a surgical theatre, laboratory facilities, an X-ray Unit, an Out-patient Section and ample bed capacity for in-patients.



### **The University Primary School**

The University Primary School, with branches at Nsukka and Enugu campuses, offers elementary education from Kindergarten through Grade Six for children aged 4 to 11 plus. The School is open to the public, although the greater majority of pupils are children of the University staff.

Located at the centre of the University campus at Nsukka, and on the south-eastern part of Enugu Campus, the school blocks house modern classrooms, assembly halls and games pitches, which provide ideal and modern conditions for a model school. The staff comprises well-trained and experienced teachers.

The academic year lasts thirty-six weeks coinciding with the University academic year. The curriculum covers a wide-range of material to reflect the international character of the University community.

### **University of Nigeria Secondary School, Nsukka Campus**

As is stated in the National Policy on Education, the broad aims of secondary education are preparation for useful living in society and preparation for higher education. In furtherance of these broad aims, the University of Nigeria Secondary School runs a 3-3 tier secondary programme.

#### **Junior Secondary (Forms I-3) (Grades 7-9)**

For the Junior Secondary level, the National policy on Education specifies core subjects as well as two (2) categories of electives, pre-vocational and non-vocational. The Secondary School Board has taken into consideration as it has tried to organize the elective subjects in such a way that the students of the University of Nigeria Secondary School can be exposed to a wide variety of pre-vocational subjects; the time-table is so structured that the school ends at 2.30 p.m.

At the end of the course the students take the National Examinations Council exams, Minna (NECO), and a Junior Secondary Certificate Examination.

#### **Senior Secondary (Forms 4- 6) (Grades 10-12)**

The Senior Secondary programme offers the students an opportunity to select combinations of subjects which are science-inclined, arts-inclined, technical and creative arts inclined and business studies oriented. Based on the students' inclinations, they are expected to choose a requisite number of subjects from the list of core subjects and electives. The terminal Examination is the Senior Secondary Certificate Examination conducted by the National Examinations Council (NECO) Minna or West African Examinations Council, Lagos. The students are equally capable of taking the Nigeria Joint Admission Matriculation Examination and the University of London O'Level Examination, as well as SATS.

### **Assessment**

The school has adopted continuous assessment as recommended in the National Policy on Education. It thus means that students are assessed using a variety of tools not examinations. Assignment and projects, observation of students, inventories on various topics, tests, rating scale as well as socio-metric techniques are used. The idea is to have a comprehensive look at the students' progress in all facets of their school learning. The assessment procedure allows for a diagnostic or guidance oriented evaluation to identify the moments and areas of strength and weakness and thus provide useful and appropriate assistance to the students. The results gained from the various assessments are cumulative and would count towards the final grades and ratings which students obtain.

The school keeps comprehensive records on all students, so that parents/guardians may monitor and discuss the progress of their children/wards. Reports are issued to parents on a termly basis and transcripts may be issued on request.

### **Co-Curricular Activities**

The University of Nigeria Secondary School believes that a healthy mind exists in a healthy body; accordingly, it affords its students the opportunity to participate in a well-balanced system of sports and games reinforced with a wide range of activities, clubs and societies for relaxation, creativity, self-expression and leadership role apart from the usual athletics, sports and games.

### **University of Nigeria Press**

The University of Nigeria Press is under the general supervision of the University Senate Publication Committee and published a wide range of scholarly and text materials.

### **University of Nigeria Bookshop**

The Bookshop is owned by the University of Nigeria and stocks books and stationery. There are branches of the Bookshop on both campuses of the University.

### **University of Nigeria General Enterprises Ltd.**

The University maintains a number of Guest Houses on both campuses and one attached to the Lagos Office of the University for accommodation of official guests. There is also the Continuing Education Centre (C.E.C.) located on the Nsukka campus, which provides facilities for further education for all sections of the University community. In this Centre, members of the University staff join in cooperative enterprises with citizens who come to the centre for research, seminars, conferences, workshops, etc.

The Continuing Education Centre, a gift of the United States Agency for International Development, includes classrooms, conference rooms, catering facilities and lodging accommodation. It was designed and furnished with the needs and interests of research scholars and mature students in view.

Those who come to the centre for adult programmes are 'students' of the University for the duration of their stay, and may take advantage of other educational and cultural programmes and facilities on the campus. The Continuing Education Centre was officially opened on 12th June 1965 and many adult groups have utilized its facilities to advance their intellectual development.

### **Other Services**

#### **Banking Services**

Adequate banking facilities are available at both campuses of the University. There are a number of banks in Enugu and Nsukka towns. The banks operate five days in a week during the following hours: Monday 8 a.m. to 3 p.m., Tuesday to Friday 8 a.m. to 1.30 p.m. The University in addition has its own community bank.

#### **Religious Facilities**

Facilities are available on the campuses for services/worship and other religious activities. There are Roman Catholic and Protestant Chapels at both campuses. There is also a mosque on the main campus of the University at Nsukka.



Dinner Party for Deans and Directors: at the high table are the Vice Chancellor, Professor B.C. Ozumba; to his left, his wife, Mrs Chinelo Ozumba; and to his right, Chief Barr. Andrew Oru, National President of UNN Alumni Association

## Chapter 4

### Boards and Committees

#### Boards and Committees of the Council

##### Finance and General Purpose Committee

###### *Composition*

Pro-Chancellor and Chairman of the Governing Council	Chairman
Vice-Chancellor	Member
3 Council members who are not members of Senate Members	Members
2 Senate Representatives in Council	Members
1 Congregation Representative	Member
Director General, Federal Ministry of Education or Representative Member	Member
Registrar	Secretary

###### *In Attendance*

Deputy Vice-Chancellor (Academic)  
Deputy Vice-Chancellor (Administration)  
Deputy Vice-Chancellor (Enugu Campus)  
Provost, College of Medicine  
Bursar

###### *Quorum:* Six members

#### Terms of Reference

- (a) To act for and on behalf of Council in the following matters:
- (i) Authorizing or confirming payment of all accounts due from the University.
  - (ii) Supervising the collection and receipt of all debts and monies due to the University.
  - (iii) Directing the deposit and investment of all donations, subscriptions and other monies paid to the University.
  - (iv) Causing proper accounts to be kept and audited.
  - (v) Dealing with any matter urgently requiring decision during the intervals between meetings of Council.
  - (vi) Performing such duties as the Council may delegate to it.
- (b) The action of the Finance and General Purposes Committee is subject to the ratification of the Council.

##### Tenders Board

###### *Composition*

Pro-Chancellor and Chairman of Council	Chairman
Vice-Chancellor	Member
2 Council Members who are not members of Senate	Members
2 Council Members appointed by Senate	Members
Director General, Federal Ministry of Education	Member
Executive Secretary, National Universities Commission	Member
Registrar	Secretary

###### *Quorum*

The quorum of the Board shall be five which must include the Pro-Chancellor and Chairman of Council, the Vice-Chancellor or his Deputy Vice-Chancellor, if acting for the Vice-Chancellor and at least one member of council who is from outside the University.

#### Terms of Reference

- (i) To lay down criteria or conditions for inviting and accepting tenders from contractors in respect of buildings and supply of goods and services as it may determine or as may be directed by Council.
- (ii) To consider and approve the list of contractors, companies, firms or individuals who may be invited to tender for the design and/or construction or maintenance of buildings and other works or the supply of goods and services.
- (iii) To act on behalf of Council in the award of any contract for the design and/or construction of any capital works, or for the supply of goods and services not provided for in the approved recurrent estimates the value of which is above ₦100,000.00 but not exceeding ₦1,000,000.00.
- (iv) To make recommendation to Council in respect of any contract for the design and/or construction of any capital works or for the supply of goods and services not provided for in the approved recurrent estimates the value of which exceeds ₦1 million.
- (v) The Vice-Chancellor shall act on behalf of the University in the award of any contract for the design and/or construction of any minor capital works the value of which does not exceed ₦100,000.00 and for award of contract for the supply of goods and services provided for in the approved recurrent estimates, the value of which exceeds ₦10,000.00.

#### Building, Works and Site Committee

###### *Composition*

Vice-Chancellor	Chairman
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2 Council members appointed by Federal Government	Members
2 Council members appointed by Senate	Members
Deputy Vice-Chancellor (Administration)	Member
Deputy Vice-Chancellor (Enugu Campus)	Member
Registrar	Secretary

*In Attendance*

Director, Works Services  
Bursar  
Director, Physical Planning  
Chief estate Officer

*Quorum:* Five members

**Terms of Reference**

- (i) To advise the Governing Council as required on the physical development of the university site and on the execution of the buildings and work programme.
- (ii) To advise the Governing Council on the sitting of buildings, the details of accommodation and the order of priorities,
- (iii) To advise the Governing Council generally on such matters as the maintenance of the university buildings, roads, services, grounds and gardens.

**Joint Council/Senate Committee on Endowment Fund***Composition*

1 Representative of Convocation on Council	Chairman
3 Members of Council who are not members of Senate	Members
1 Representative of Senate on Council	Member
5 Members of Senate	Members
National President of the University of Nigeria Alumni Association	Member
Registrar or his Representative	Secretary

*In Attendance*

Bursar  
Alumni relations Officer

*Quorum:* Six Members

**Terms of Reference**

To raise money to meet important projects in the University for which the National Universities Commission cannot make any financial provisions.

**Appointment and Promotions Committee (Academic Staff)***Composition*

Vice-Chancellor	Chairman
2 members of Council who are not members of Senate	Members
2 Senate representatives on Council	Members
1 Representative of Convocation on Council	Member
Director-General, Federal Ministry of Education	Member
Deputy Vice-Chancellor (Academic)	Member
Registrar	Secretary

*Quorum*

The quorum is five which includes the Vice-Chancellor or one of his Deputies and at least one member of Council who is not a member of Senate or Convocation.

**Terms of Reference**

- (i) To act on behalf of Council in the appointment and promotion to all posts on the academic staff of the University with the exception of those posts appointments of which have otherwise been provided for in the law and statutes of the University, provided that for all posts in the grade of Senior Lectures or above it shall act only in an advisory capacity to Council.
- (ii) To decide on the point of entry in the appropriate scale for new member of the academic staff on the first appointment.
- (iii) To consider the confirmation or extension of appointment of a member of the academic staff on the expiry of his initial period of appointment.
- (iv) To advise the University authorities on any matters pertaining to appointments and promotions of the academic staff.
- (vi) To consider any other matter referred to it by any competent authority of the University.

**Appointments and Promotions Committee (Senior Administrative and Technical staff)***Composition*

Vice-Chancellor	Chairman
2 Members of Council who are not members of Senate	Members
1 Senate representative on Council	Member
1 Congregation representative on Council	Member
Director-General, Federal Ministry of Education	Member
Deputy Vice-Chancellor (Administration)	Member
Deputy Vice-Chancellor (Enugu Campus)	Member
Registrar	Member/Secretary

*Quorum*

The quorum is five which includes the Vice-Chancellor or one of his Deputies and at least one member of Council who is not a member of Senate or Congregation.

**Terms of Reference**

- (i) On behalf of Council to appoint and promote the Senior Administrative and Technical Staff of the University other than those officers whose mode of appointment is specified in the University law and advisory capacity to Council in respect of posts on salary scale 13 (that is, the salary scale for Senior Lecturer) or above
- (ii) To decide on point of entry on the appointment scale for a new member of the Senior Administrative or Technical Staff.
- (iii) To consider the confirmation or extension of appointment of a member of the Senior Administrative or Technical Staff on the expiry of his initial period of appointment.
- (iv) To consider and decide on application for study leave by the Senior Administrative and Technical Staff.
- (v) To advise the University authorities on any matters pertaining to appointments and promotions of Senior Administrative and Technical Staff.
- (vi) To consider any other matter referred to it by competent authority of the University.

**Board of University of Nigeria Bookshop Limited***Composition*

Chairman  
 A Council Member  
 University Librarian  
 Bursar  
 Dean, Faculty of Business Administration  
 Dean, School of postgraduate Studies  
 President, Students Union, Nsukka campus  
 President, Students Union, Enugu Campus  
 Vice-Chancellor's nominee  
 Bookshop Manager - Secretary

**Terms of Reference**

1. To review and revitalize the policies of the Company and ensure that these policies are sufficiently geared towards making the Bookshop a viable, efficient and profit-oriented enterprise;
2. To review critically the organisational structure and the operations of the Company and advise the Governing Council of the University through the Vice-Chancellor on any changes that seem necessary;
3. To review the finances of the Company and see to early settlement of outstanding debts owed by the Bookshop;
4. To see to the early completion of the on-going University of Nigeria Bookshop/Bank building, and the movement of the Bookshop business to the new building;
5. To consider and advise the University Administration on any other matter pertaining to the Bookshop as the Board of Directors may consider appropriate.

**Board of the College of Medicine***Composition*

The Pro-Chancellor and Chairman of the Council, as Chairman of the Board.  
 The Vice-Chancellor.  
 The Chairman of the University of Nigeria Teaching Hospital Management Board  
 The Provost and Deputy Provost of the College.  
 Deans of Faculty of the College.  
 One person, who is not member of the academic staff of the University nominated by the Council.  
 Two members of the Senate who are not members of the College nominated by the Senate.  
 Two members who are members of the Academic Staff of the College nominated by the Academic Board.

One member appointed by the University of Nigeria Teaching Hospital Management Board.  
 The Director General of the Federal Ministry charged with responsibility for matters relating to health or his representative.  
 The Director General of the Federal Ministry charged with the responsibility for matters relating to University education or his representative.

### **The Senate: Boards and Committees**

#### **Senate**

##### *Composition*

Vice-Chancellor	Chairman
Deputy Vice-Chancellors	Members
Provost, College of Medicine	Member
Deans of Faculty	Members
Directors of Institute/Division/Centre	Members
Professors of the University	Members
University Librarian	Member
Heads of Department	Members
Coordinators of sub-Departments/G.S. Courses	Members
Two members from each Faculty (Not below the rank of Senior Lecturer)	Members
Registrar	Secretary

### **Boards and Committees of Senate**

#### **Business Committee**

##### **(a)** *Composition*

Vice-Chancellor	Chairman
Four members of Senate elected by Senate	Members
Registrar	Secretary

##### **(b)** *Terms of Reference*

- (i)** To prepare business for Senate
- (ii)** To advise Senate on the membership of Senate Committees and on their terms of reference
- (iii)** To deal with matters which may, from time to time, be referred to it by Senate.

#### **Entrance Board**

##### **(a)** *Composition*

Chairman - to be appointed by the Vice-Chancellor	
Representatives of the Faculties to serve for 2 years	Members
Two Senate representatives to serve for 3 years -	Members
Registrar or his representative	Secretary

##### **(b)** *Terms of Reference*

- (i)** To review from time to time the minimum University entry requirements for degree (other than postgraduates) and non-degree courses and make recommendations to Senate
- (ii)** To review the methods of admission and make recommendations to Senate; and
- (iii)** To consider specific cases on admissions referred to it by the Senate.

#### **Examination Committee**

##### **(a)** *Composition*

Chairman - to be appointed by the Vice-Chancellor	
Representatives of Faculties to serve for 2 years	Members
Two Senate representatives to serve for 3 years	Members
Dean of School of General Studies (Ex-officio)	Member
Registrar or his representative	Secretary

##### **(b)** *Terms of Reference*

- (i)** to formulate for the consideration of Senate regulations governing the conduct of University examinations;
- (ii)** to review from time to time existing regulations for examinations and make recommendations to Senate; and
- (iii)** to consider and report on any matter on examinations referred to it by Senate.

#### **Board of the School of Postgraduate Studies**

##### **(a)** *Composition*

Vice-Chancellor	Chairman
Dean of the School of Postgraduates Studies	Member

Associate Dean, School of Postgraduate Studies	Member
Two Senate Representatives to serve for 3 years	Members
Representatives of the Faculties (Not below the rank of Senior Lecturer)	Members
Director, Institute for Development Studies	Member
Director of the Institute of African Studies	Member
Head of Department concerned	Member
University Librarian	Member

**(b) Terms of Reference**

The Board of the School of Postgraduate studies shall

- (i) receive and recommend to Senate, Departmental and Faculty submissions on admissions, registration field of study, research proposals, supervisors, and internal and external examiners;
- (ii) make recommendations to Senate on admission of occasional and special postgraduate students;
- (iii) examine postgraduate curricula and examination programmes submitted by departments through Faculty Postgraduate Studies Committees, and make recommendations to Senate;
- (iv) receive each candidate's detailed programme and progress reports for purpose of monitoring the candidate's progress;
- (v) recommend to Senate candidates whose study should be terminated.
- (vi) advise Senate on candidates whose programmes require a period of studies outside the University.
- (vii) interpret and operate postgraduate regulations and, make annual reports on its work to Senate;
- (viii) assess and recommend to Senate, students for postgraduate scholarships, fellowships, stipends and other awards;
- (ix) prepare and operate a budget necessary for executing the functions of the School, paying particular attention to fellowships, scholarships, visiting lectureships and postgraduate programmes;
- (x) recommend periodically to Senate, a comprehensive review of general regulations, progress and development of postgraduate studies at the University of Nigeria;
- (xi) handle any other matters referred to it by senate from time to time.

**Scholarship Committee****(a) Composition**

Chairman - to be appointed by the Vice-Chancellor

Representatives of the Faculties	Members
Registrar or his representatives	Secretary
Bursar	Ex-officio member
Dean of Student Affairs	Ex-officio member

**(b) Terms of Reference**

- (i) to recommend criteria for the award of Foundation Scholarships and other University undergraduate scholarships;
- (ii) to review annually the progress of all holders of University scholarships and make recommendations;
- (iii) to develop procedures for selecting suitable students for University scholarships and scholarships offered by other outside bodies or persons.
- (iv) to develop procedure for selecting suitable students for academic prizes; and
- (v) to consider and report on other matters referred to it by Senate.

**Curriculum Committee****(a) Composition**

Chairman - to be appointed by the Vice-Chancellor

Two Senate Representatives to serve for 3 years	Members
Representatives of the Faculties to serve for 2 years	Members
Dean, School of General Studies	Ex-officio Member
Registrar or his representative	Secretary

**(b) Terms of Reference**

- (i) to examine and recommend for approval by Senate, academic programmes other than postgraduate programmes, submitted by the Faculties;
- (ii) to ensure that at all times the programmes submitted by faculties conform with general University regulations in matters such as departmental admission and basic assignments, requirements, and minimum and maximum credit hour load assignment of credit hours to courses, course contents, course pre-requisites, course numbering and abbreviations;
- (iii) to ensure that the academic programmes in various Faculties and Departments of the University are presented in a concise lucid manner;
- (iv) to advise Senate from time to time on matters affecting curricula generally.
- (v) to ensure that the overall curriculum of each Department and Faculty meets with acceptable standards

- (vi) of academic excellence;  
to make recommendations on any other matters referred to it by Senate or by the Vice-chancellor.

### Development Committee

#### (a) Composition

Vice-Chancellor	Chairman
Deputy Vice-Chancellors	Members
Provost, College of Medicine	Member
Deans of Faculty	Members
Dean, School of Postgraduate Studies	Member
Four(4) members elected by Senate	Members
Directors of Institute/Division/Centre	Members
Director, Institute of African Studies	Member
Director, Institute of Education	Member
Director, Institute of Development Studies	Member
Dean, School of General Studies	Member
Director, Centre for Rural Development and Co-operatives	Member
University Librarian	Member
Registrar	Secretary

#### *In attendance*

Bursar  
Director of Works Services  
Director, Academic Planning  
Director, Physical Planning

#### (b) Terms of Reference

- (i) To advise Senate and, through Senate, the Council, on plans for the Development of the University; from time to time establish an order of priorities in the University's academic development ; and to advise on the financial implications of the development plans;
- (ii) to prepare the annual estimates of expenditure based on requests for staff and funds submitted by the various units of the University and to submit them to the Council through Senate;
- (iii) to consider requests for supplementary estimates in excess of the approved financial provisions and to make recommendations thereon to Council;
- (iv) to consider and decide on request by the various units of the University for variations within the approved annual estimates;
- (v) to review from time to time, the development plans and policies of the University and to make recommendations on any improvement or re-organisations of the University's academic and administrative structure.

### Research Grants Committee

#### (a) Composition

Chairman - to be appointed by the Vice-Chancellor	
Representatives of the Faculties	Members
One Representative from the Institute of African Studies	Member
One Representative from the Institute of Education	Member
One Representative from the Institute for Development Studies	Member
One Representative from the Centre for Rural Development and Co-operatives	Member
One Representative from the Centre for Energy Research and Development	Member
One Representative from the CUDIMAC	Member
Dean, School of Postgraduate Studies or his Representative	Member
Registrar or his Representative	Secretary

#### (b) Terms of Reference

- (i) to assess research projects submitted by members of staff and approve those with merit for grant;
- (ii) to administer the University research fund and such other funds as may be placed at the disposal of the University for research purposes;
- (iii) to make allocations, as it thinks fit, from research funds.

### Advisory Committee on Foreign Students

#### (a) Composition

A Senior academic to be known as "Adviser to Foreign Students" to have a sum allowance similar to the allowance paid to a Head of Department

Chairman



- Five (5) members in addition to a Representative of the Dean of Students Affairs Office      Members
- Dean, School of Postgraduate Studies or his Representative      Member
- Registrar or his representative.      Member/Secretary
- (b) *Terms of Reference*  
To advise the University Administration and Senate on matters relating to the Welfare of Foreign Students.

### Ceremonials Committee

- (a) *Composition*  
Appointment of members of the Ceremonials Committee to be made by name and not by office
- (b) *Terms of Reference*
- (i) to advise the University on matters relating to Ceremonial generally, and in particular, the design of academic dresses for various academic occasions and situations;
  - (ii) to advise on the detailed format for or formula on University ceremonies and matters relating to protocols;
  - (iii) to advise Senate and/or the Vice-Chancellor on any other matters referred to it.

### Careers Board

- (a) *Composition*
- |   |          |
|---|----------|
| Deputy Vice-Chancellor (Administration)       | Chairman |
| Registrar                                     | Member   |
| A representative of Committee of Hall Masters | Member   |
| A representative of Students Body             | Member   |
| A representative of the Civil Service         | Member   |
| A representative of the Teaching Profession   | Member   |
| A representative of Commerce and Industry     | Member   |
| A representative of Nigeria Careers Council   | Member   |
- (b) *Terms of Reference*
- (i) to offer careers guidance service to undergraduates from their first session in the University;
  - (ii) explain the nature and content of courses offered in the University to prospective employees indicating areas of employment where they can be useful.
  - (iii) to advise the Faculties on new areas of study where there may be openings for employment; and
  - (iv) to organise talks, seminars and lectures on careers guidance

### Committee on Award of Honorary Degrees

- (a) *Composition*
- |                                      |           |
|--------------------------------------|-----------|
| Vice-Chancellor                      | Chairman  |
| Five (5) members appointed by Senate | Members   |
| Registrar or his representative      | Secretary |
- (b) *Terms of Reference*
- (i) to compile list of suitable candidates for the award of honorary degrees;
  - (ii) to forward such list with their recommendations to Senate for consideration;
  - (iii) to review from time to time the terms of criteria for award of honorary degrees and advise Senate;
  - (iv) to consider and advise on other matters referred to it by Senate.

### Publications Committee

- (a) *Composition*
- |   |         |
|---|---------|
| Chairman to be appointed by the Vice-Chancellor |         |
| Representatives of Faculties                    | Members |
| University Librarian                            | Member  |
| Bursar  | Member  |
| Registrar or his Representative                 | Member  |
- (b) *Terms of Reference*
- (i) selecting and recommending manuscripts to Press Syndicate for publication by the University of Nigeria Press;
  - (ii) supervision of the production of publications bearing the emblem of the University of Nigeria; excluding the University Calendar;
  - (iii) advising the Vice-Chancellor on all matters relating to University Publications;
  - (iv) bring up an up to date report to Senate every session

### Library Board

- (a) *Composition*

Vice-Chancellor	Chairman
Deputy Vice-Chancellor (Academic)	Member
One (1) representative from each Faculty not below the rank of professor or Reader, or experienced Senior Lecturer where a Professor or Reader is not available	Member
One (1) representative from each Research Institute	Member
Two (2) student representatives	Members
University Librarian	Members
Senior Deputy Librarian	Secretary

**(b) Terms of Reference**

The Library Board shall assist and advise the University Administration on the development of the Library as a centre of learning and research. In addition, the Board shall have the following specific functions;

- (i) to formulate regulations for the use of the Library and its facilities
- (ii) to formulate guidelines for the preparation of the Library budget and provision of services;
- (iii) to advise the Senate on any matter concerning Library development.

**Timetable Committee****(a) Composition**

Chairman - to be appointed by the Vice-Chancellor	
One (1) Representative per Faculty	Members
Director Computing Centre	Member
Registrar or his Representative	Secretary

**(b) Terms of Reference**

- (i) to co-ordinate all the time-table lectures/ examinations proposed by the various Faculties/ Units in order to avoid conflicts;
- (ii) to rationalize the use of the large lecture rooms so as to avoid conflicts;
- (iii) to prepare the University time-table of events;
- (iv) to handle any matters referred to it by Senate.

**Calendar Editorial Board****(a) Composition**

Chairman - to be appointed by the Vice-Chancellor	
Five (5) Senate appointed members	Members
Chairman of Curriculum Committee or his Representative	Member
Former Chairman of Calendar editorial Board to serve as ex-officio member for 1 year	Member
Registrar or his Representative	Member
Staff-in-Charge of the Publications Unit	Secretary

**(b) Terms of Reference**

The Calendar Editorial Board is responsible for the editing and supervision of printing of the University Academic Calendar.

**University Sports Council****(a) Composition**

Chairman	
Senate Representative	Member
Director of Sports	Member
Head of Department, Health and Physical Education or Representative	Member
Dean of Student Affairs	Member
Deputy Dean of Student Affairs, Enugu Campus	Member
Public relations Officer or his Representative-	Member
Representative of Staff Club, Nsukka Campus-	Member
Captain of Games, Nsukka Campus	Member
Captain of Games, Enugu Campus	Member
Representative of Academic Staff Union University of Nigeria, Nsukka	Member
Representative of Senior Staff Association, University of Nigeria, Nsukka	Member
Representative of University Women Association	Member
Secretary - to be provided by the Registrar	

**(b) Terms of Reference**

- (i) to work out and advise the Senate and Administration on broad policies regarding the sporting activities of the University, particularly with respect to overall sports programme of the University the time table

- of events, and the participation in national and international sporting events of the University's teams and/or officials;
- (ii) to see to the acquisition, effective utilization, care and maintenance of various sports equipment and facilities belonging to the University, other than equipment and facilities belonging specifically to the Department of Health and Physical Education;
  - (iii) to promote, in collaboration with the Department of Health and Physical Education, active participation of our sports men and women, staff and students of the University in continuous sporting activities, in such a manner as to enhance the success of the University in outside competitive sporting events;
  - (iv) to advise on the University's financial needs for sports, to prepare draft annual budget for sports, and be responsible to the Bursar for the control and disbursement of the funds so provided;
  - (v) to consider and make recommendations to the Vice-chancellor on the appointment of suitable Coaches (part-time or full-time) for the University's sporting activities, other than the specific programmes of the Department of Health and Physical Education;
  - (vi) to deal with any other matters as may be referred to it by the Vice-Chancellor.

#### **Assessment Appraisals/Assessment Committee**

##### **Departmental Assessment Appraisals/Assessment Committee**

###### **Members**

Head of Department	Member
All Professors in the Department	Member
All Readers in the Department	Member
One Senior lecturer elected on yearly basis by the Departmental Board but shall serve normally for not more than two consecutive years	Member
A Senior Administrative Staff	Secretary

###### **Terms of Reference**

- (a) To appraise all categories of academic staff for promotion within the department and make appropriate recommendations to the Faculty Appraisal Committee;
- (b) To make preliminary evaluation of the papers of a candidate for assessment/appointment and make appropriate recommendations to the Faculty Assessment Committee,

###### **Quorum**

One-third of the total members shall constitute the quorum, provided that this shall not be less than two members. The two members of the quorum shall include the head of the Department and one other most senior member of the Department.

#### **Faculty and Independent Unit Assessment and Appraisal Committees for Academic Staff**

##### **(i) Faculty Committees**

All Faculty Committees shall have the following composition:

Dean of the Faculty	Chairman
Associate Dean of the Faculty	Member
All Heads of Department	Members
All Professors in the Faculty	Members
Associate Deans from related Faculties	Members
Controller, Personnel Services or his Representative	In Attendance
Faculty Administrative Officer	Secretary

###### **Terms of Reference**

- (a) To appraise all categories of academic staff for promotion within the Faculty and assess candidates for various categories of academic staff positions within the Faculty.
- (b) To make appropriate recommendations to the University Appraisals Committee in respect of candidates for Readership or Professorship, or to the Appointments and Promotions Committee in respect to other candidates.
- (c) To handle in the first instance petitions arising within the Faculty from academic staff appointments and promotions and to make appropriate recommendations.

**Quorum:** Five members which must include

- Dean of Faculty
- Head of Department concerned
- At least one Associate Dean from outside the Faculty
- Controller, Personnel Services. Where an Associate Dean cannot attend a meeting of the Faculty/Unit Appraisal/Assessment Committee, he should inform his Dean who would arrange for someone to attend in place of his Associate dean.

##### **(ii) Independent Unit Committees**

The Independent Units (Institutes/Division/Centres) have parallel Assessment and Appraisal Committees to appraise/assess

all academic staff up to Lecturer I for promotion/appointment within the Institute/Division/ Centre. Staff going to Senior Lecture and above are to be appraised/ assessed by the relevant Faculty.

### **University Appraisals Committee (Academic Staff for Promotion)**

#### *Membership*

Vice-Chancellor	Chairman
Deputy Vice-Chancellors	Members
Provost, College of Medicine	Member
All Deans of Faculty	Members
1 representative of each Faculty of the rank of Professor (this representative should not come from the same Department as the Dean, and should be elected by the for one session)	Member
The Head of the Department concerned	Member
If a post above the rank of the Head of Department is being considered another expert in the field should be invited to sit in for the Department.	
An external assessor (where necessary)	Member
Controller, Personnel Services	Secretary

#### *Terms of Reference*

- (a) To assess and advise on the qualifications, suitability and acceptability for promotion of academic staff in the University to Readership or Professorship positions.
- (b) To carry out periodic and continual appraisal and assessment of the qualifications, work, progress, conduct and other relevant factors in and claims to promotions of members of the Academic Staff as recommended by the Faculty Appraisals Committee.
- (c) To make recommendations to the Appointments and Promotions Committee (Academic Staff) on suitability of any member of the academic staff for promotion to Readership or Professorship.
- (d) To consider any other relevant matters which may be referred to it from time to time by the Appointments and Promotions Committee (Academic Staff).

#### *Quorum*

One third but must include the Dean of the Faculty/or Faculty Representative

### **University Assessment Committee (Academic Staff) for New Appointments**

#### *Membership*

Vice-Chancellor	Chairman
Deputy Vice-Chancellors	Members
Dean of the Faculty concerned	Member
Deans from two related Faculties	Member
All Professors within the Faculty	Members
The Head of the Department concerned (if the assessment is for a post above the academic status of the Head of Department the Dean alone should be present)	Member
At least two experts in the field	Members
Registrar	Member
Controller of Personnel Services	Secretary

#### *Terms of Reference*

- (a) To assess and advise on the qualifications, suitability and acceptability of applicants for appointment to the University as Readers or Professors
- (b) To make recommendations to the Appointments and promotions Committee (Academic Staff) on the suitability of candidates for new appointments.
- (c) To consider any other relevant matters referred to it by the Appointments and Promotions Committee (Academic Staff).

#### *Quorum*

Must include the Vice-Chancellor or a Deputy Vice-Chancellor  
 The Dean of the Faculty concerned  
 One Dean from a related Faculty  
 The Head of the Department concerned, where appropriate.

### **Modalities for Appraisal of Non-teaching Staff**

The Faculty Appraisal/Assessment Committees, shall also appraise and assess non-teaching staff in academic units, in keeping with the White Book guidelines.

The Parallel Personnel Unit Appraisals/Assessment Committees in Administrative Units will assess/appraise all non-teaching staff

**Central Administration Appraisals/Assessment Committee (Senior Administrative Staff)***Composition*

Vice-Chancellor	Chairman
Deputy Vice-Chancellor (Administration)	Member
Deputy Vice-Chancellor (Enugu Campus)	Member
Registrar	Member
Bursar	Member
University Librarian	Member
Dean, faculty of Business Administration	Member
Director, Works Services	Member
Dean, Faculty of Engineering (when staff of Works Services Department are being considered)	Member
Dean of Medicine (when staff of Medical Centre are being considered)	Member
Head(s) of Department concerned	Member
Controller, Personnel Services	Member/Secretary

*Terms of Reference*

The Central Administration Appraisals/Assessment Committee (Senior Administrative Staff) shall appraise Senior Administrative Staff from EUSS 14 and above for promotion when acting as an appraisal committee. It shall also assess applicants aspiring to fill positions on Senior Administrative Staff (EUSS 14 and above), when acting as an assessment committee. In each case, recommendations are to be made to Appointments and Promotion Committee (SATS).

*Quorum:* Five members of the Committee shall form a quorum. These must include the Chairman and the Head of the Department concerned.

**Central Administration Appraisals/Assessment Committee (Senior Technical Staff)***Composition*

Vice-Chancellor	Chairman
Deputy Vice-Chancellor (Administration)	Member
Deputy Vice-Chancellor (Enugu Campus)	Member
Dean, Faculty of Engineering	Member
Dean, Faculty of Physical Sciences	Member
Dean, Faculty of Agriculture	Member
Dean, Faculty of Pharmaceutical Sciences	Member
Dean, Faculty of Health Sciences and Technology	Member
Dean, Faculty of Medical Sciences and Dentistry -	Member
Dean, Faculty of Veterinary Medicine	Member
Director, Works Services	Member
Head, Department concerned	Member
Controller, Personnel Services	Member/Secretary

*Terms of Reference:* The Central Administration Appraisal/ Assessment Committee (Senior Technical Staff) shall appraise Senior Technical Staff from EUSS 13 and above for promotion, when acting as an appraisal committee. It shall also assess applicants aspiring to fill positions on Senior Technical Staff (EUSS 13 and above), when acting as an assessment committee. In each case, recommendations are to be made to Appointments and Promotion Committee (SATS).

*Quorum:* Five members of the committee shall form a quorum. These must include the Chairman and the Head of the Department concerned.

**Other Advisory Board and Committees**

The other advisory Boards and Committees of the University are:

1. Committee of Deans
2. University Consultancy Management Board
3. Board of the University of Nigeria Computing Centre
4. Board of the Division of General Studies
5. Institute of Education Board
6. Board of Institute of African Studies
7. Board of the Centre for Energy Research and Development
8. Co-ordination Committee: Service and Training Centre
9. Advisory Committee: Curriculum Development and Instructional Materials Centre (CUDIMAC)
10. Student Welfare/Discipline Board, Nsukka Campus
11. Student Welfare/Discipline Board, Enugu Campus
12. Committee of Hall Masters/Mistresses and wardens

13. Board of Management University of Nigeria Guest House
14. Senior Staff Housing Committee, Nsukka Campus
15. University Senior Staff Vehicle Loans Committee
16. Junior Staff Housing Committee, Enugu Campus
17. Junior Staff Vehicle Loans Committee
18. Community Welfare Board
19. Security Welfare Board
20. University Committee on Environment
21. Implementation Committee on Environment
22. University Staff School, Nsukka Campus
23. University Staff School, Enugu Campus
24. Board of Governors University of Nigeria Secondary School Nsukka Campus
25. Board of Governors, University of Nigeria Secondary School, Enugu Campus
26. Committee on Science Laboratory Teaching and Training Scheme.



Members of the University of Nigeria Administrators with a team of Pharmacists from the United States for training of UNN Pharmacists in Clinical Pharmacy Practice

## Chapter 5

### University Administrative Staff

#### Vice Chancellor's Office

##### *Staff*

B.C. Ozumba, MD (Nigeria), FRCOG (USA), MRCOG (England), Vice Chancellor FMCOG, FACS. (USA)	
C.A. Igwe, B.Agric. M.Sc. (Nigeria), Ph.D. (Norway)	Deputy Vice Chancellor (Administration)
J.C. Ogbonna, B.Sc. (Nigeria), M.Eng. (Yamanashi), Ph.D. (Tsukuba)	Deputy Vice Chancellor (Academic)
J.N. Ezeilo, D.PC. (Uppsala), LLB (Nigeria), BL, LLM (London). Ph.D. (Nigeria)	Professor
S.C. Okonkwo, B.Sc. PGDE. M.Sc. M.Ed. (Nigeria)	Deputy Registrar
O.E. Ugwulor, LL.B. (Nigeria), BL. (Lagos)	Chief Conf. Secretary
L.O. Ezeme, B.Sc. (Nigeria)	Princ. Assistant Registrar
C.C. Ibeakanma, B.Ed. (Nigeria)	Chief Conf. Secretary
J.C. Okafor, B.Sc. (Nigeria)	Assistant Chief Exec. Officer I
B.C. Okpe, B.Sc. (Enugu)	Assistant Chief Exec. Officer I
P.N. Ojonta, B.Sc. (Enugu), MA. (Nigeria)	Assistant Registrar
A.C. Ukekwe, B.Sc. (Nigeria)	Princ. Exec. Officer I
S. Omenuko, B.Ed. M.A. (Nigeria)	Princ. Exec. Officer I
C.E. Ugwuanyi, B.Sc. M.Ed. (Nigeria)	Senior Assistant Registrar
A.D. Ukwueze, BL. (Nigeria), LLB. (Enugu), PGD. (Nigeria)	Assistant Registrar
E.C. Ambrose-Iheanacho, HND, PGD. (Nigeria)	Princ. Conf. Secretary I
N.C. Chime, B.Sc. PGD. M.Sc. (Nigeria)	Princ. Exec. Officer II
B. Agu, B.Sc. (Zaria)	Princ. Exec. Officer II
P. N. Ogbuabor, PGDTE. (Nigeria)	Princ. Conf. Secretary II
U.C. Ani B.Ed. (Nigeria)	Senior Exec. Officer
R.N. Odimba, B.Sc (Nigeria)	Princ. Machine Room Supervisor
P.N. Okoro, B.Ed. (Nigeria)	Higher Technical Officer II
S.C. Odom, B.Sc. (Nigeria)	Higher Technical Officer II
C.F. Ezejiegu, B.Sc. (Nigeria)	Higher Technical Officer II
A. B. Okereke, B.Sc. M.Sc. (Nigeria)	Higher Technical Officer II
N.C. Ugorji, B.Sc. (Nigeria)	Higher Technical Officer II
N.R. Okolo, B.Sc. (Nigeria)	Higher Technical Officer II
M. N. Akunwanne, HND, B.Sc. (Enugu)	Higher Technical Officer II
A.O. Okoroafor, B.Sc. (Nigeria)	Higher Technical Officer II
J. A. C. Nkokelonye, BL. (Kano), LLB. (Nigeria)	Higher Technical Officer II
C.I. Onwuka, B.Sc. (Nigeria)	Higher Technical Officer II
O.C. Nnaji, LLB. BL. (Nigeria)	Higher Technical Officer II
O.O. Sulaimon, B.A. (Nigeria)	Higher Technical Officer II
C.J. Dunu, B.Sc. (Nigeria)	Higher Technical Officer II
A. Akpan, B.A. (Ibadan), M.A. (Nigeria)	Higher Technical Officer II
C.S. Njoku, B.Ed. (Nigeria)	Exec. Officer
J.C. Ajibo, B.Edu. (Nigeria)	Exec. Officer
M.U. Dioka, B.Sc. M.Sc. (Nigeria)	Exec. Officer
O.C. Izu, B.ED. (Nigeria)	Higher Technical Officer II
Okpala, B.Sc. (Nigeria)	Higher Technical Officer II

#### Lagos Office

R.O. Odiete, LL.B. (Lagos) B.L. (Nigeria), LL.M. (Lagos)	Assistant Catering Officer
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B.I. Anyanwu, B.Sc. (Nigeria).

Assistant Chief Accountant

**Office of the Deputy Vice Chancellor, Enugu Campus**

E.O. Nwosu, LL.B. LL.M. Ph.D. (Nigeria), BL. (NLS)  
 O.B. Agudosi, B.Sc. (Ekpoma), MBA. (Enugu)  
 O.A. Otti, HND, (Oko), PGD. (Nigeria)  
 I.J. Ndubuisi, B.Sc. MBA. M.Sc. (Nigeria)  
 H.O. Egoigwe, B.Sc. (Nigeria)  
 N.A. Okwor, B.Sc. (Enugu)  
 I.M. Okolo, B.Sc. (Imo)  
 E.C. Arum, LL.B. (Nigeria), BL. (NLS), LL.M. (Ife)  
 O.P. Obioma, LL.B. (Nigeria), BL. (NLS)  
 C.V. Ozoilo, B.Sc. PDG. (Enugu)  
 F.N. Orjiani, B.Sc. (Enugu)  
 N.V. Obasi, HND, (Enugu)  
 M.N. Enwerem, B.Sc. (Enugu)  
 A.D. Okolo, B.Sc. (Enugu)

Professor/ DVC Enugu Campus  
 Assistant Registrar  
 Assistant Chief Conf. Secretary  
 Princ. Exec. Officer I  
 Higher Technical Officer II  
 Higher Technical Officer II  
 Higher Technical Officer II  
 Higher Technical Officer II  
 Higher Technical Officer II  
 Exec. Officer  
 Senior Cleaner/ Messenger  
 Senior Clerical Officer  
 Senior Cleaner/ Messenger  
 Higher Technical Officer II

**Audit**

I. Okechukwu, B.Sc. (Enugu), MBA. M.Sc. (Nigeria)  
 C.C. Adiele, HND, (Enugu)  
 A.C. Agbo, B.Sc. MBA. (Nigeria)  
 G.C. Agbo, HND, (Enugu), PGD. (Nigeria)

Chief Exec. Officer (Audit)  
 Senior Exec. Officer  
 Internal Auditor I  
 Internal Auditor II

**Legal**

U.N. Udenka, LL.B. (Awka), BL. (NLS), LL.M. (Nigeria)

Senior Legal Officer

**Information & Public Relations Unit**

O. Okwun, Diploma (Nigeria), PGD (Enugu), (ICA) Fellow (Paul Harris)  
 F.U. Ngwoke, B.A. M.A. (Nigeria)  
 G.S. Onah, B.Sc. (Enugu), M.A. (Nigeria)  
 J.J. Nwachukwu, BA (Ibadan)  
 C.A. Udeji, B.Ed. PGD (Nigeria)  
 U.D. Emenako, B.A. (Nigeria)  
 C.H. Attah, B.Sc. M.Sc. (Nigeria)  
 I.A. Egwu, (Oko) PGD (Nigeria)  
 C. Alika, (IMT, Enugu)  
 E.L. Onyekwelu, B.A. (Nigeria)  
 E.L. Onyekwelu, B.A. (Nigeria)

Acting Public Relations Officer  
 Administrative Registrar  
 Chief Exec. Officer  
 Chief Exec. Officer  
 Princ. Exec. Officer I  
 Princ. Exec. Officer II  
 Princ. Exec. Officer II  
 Senior Exec. Officer  
 Higher Exec. Officer  
 Higher Technical Officer II  
 Higher Technical Officer II

**Alumni Relations Unit**

A.G. Nwodo, B.A.(ED) (Port-Harcourt), M.A. (Nigeria), Ph.D. (Nigeria)  
 A.N. Ezeokonkwo, B.Ed. (Nigeria)  
 E.O. Omeje, Diploma (Nigeria), B.Sc. (Nigeria), M.Sc. (Nigeria)  
 S.A. Dimelu, B.A. (Nigeria)  
 A.S. Ogbuanya, B.A. (Nigeria)  
 C.M. Nnabugwu, B.Sc. (Nigeria)  
 C.O. Ezugwu, Diploma (Nigeria)

Princ. Assistant Registrar  
 Princ. Exec. Officer I  
 Senior Data Process. Officer II  
 Higher Technical Officer II  
 Higher Technical Officer II  
 Higher Technical Officer II  
 Assistant Exec. Officer

**Servicom Unit**

C. Ofuebe, B.Sc. (Ife), M.Sc., Ph.D. (Nigeria)  
 M.O. Asogwa, B.Ed., M.Ed. (Nigeria)

Professor /Director  
 Princ. Assistant Registrar



E.S. Awah, B.Sc., MLS (Nigeria)	Chief Exec. Officer
C. Uzoma, MPA, (Imo), M.Sc. (Nigeria)	Deputy Chief Security Officer
O.I. Asogwa, B.Sc., M.Sc. (Nigeria)	Higher Technical Officer II
J.C. Hygins, B.Sc. (Nigeria)	Higher Technical Officer II
P.O. Ogboso, B.Ed. (Nigeria)	Higher Technical Officer II

**Bursary**

J.K. Edeh, B.Sc. MBA. (Nigeria), Ph.D. (Dominica)	Bursar
E.C. Dim, HND, (RUSLJH), B.Sc. (Enugu), Certificate in Project Mgt. (Israel)	Deputy Bursar
E.O. Oboh, HND, (Auchi), B.Sc. (Enugu), MBA. (Imo)	Deputy Bursar
D.C. Nwabueze, B.Sc. EWC. (Florida USA), PGDE. MPA. (Nigeria)	Deputy Bursar
A.C. Ononogbu, B.Sc. (Nigeria)	Deputy Bursar
E.E. Ozoadibe, B.Sc. (Enugu), MBA. M.Sc. Ph.D. (Nigeria)	Chief Accountant
D.U. Egbuhuzor, B.Sc. (Abuja), MBA. (Nigeria)	Chief Accountant
A.O. Ugwu, HND, B.Sc. (Enugu)	Chief Accountant
N.Z. Okeke, HND, MBA. M.Sc. (Nigeria)	Chief Accountant
F.O. Ugwuogo, B.Sc. (Enugu), MBA. (Nigeria)	Chief Accountant
B.U. Orjieze, B.Sc.; MBA. (Nigeria)	Chief Account
O.K. Onyegbuna, B.Sc. (Awka), MBA. (Nigeria)	Chief Account
C.U. Apiti, B.Sc. M.Sc. (Nigeria)	Chief Account
P.U. Emehelu, B.Sc. (Enugu), M.Sc. (Imo)	Chief Account
O.A.C. Onuoha, B.Sc. MBA. (San-Diogo California - USA)	Chief Exec. Officer
G.E. Eyo, B.Sc. (Nigeria)	Chief Exec. Officer
C.U. Davids, B.Ed. MPA. M.Sc. (Nigeria)	Chief Exec. Officer
A.N. Ozioko, HND, B.Sc., M.Ed. (Nigeria)	Chief Exec. Officer
P.O. Paul-Kayode, HND, PGD. (PortHarcourt), M.Sc. (Nigeria)	Chief Exec. Officer
O.I. Ibekwe, HND	Chief Exec. Officer
M.E. Igboke, B.Sc. (Nigeria)	Chief Exec. Officer
A.O. Agbo, B.Sc. (Enugu)	Chief Exec. Officer
S.N. Okwor, B.Ed. (Nigeria)	Chief Exec. Officer
C.C. Odo, HND	Chief Exec. Officer
C.O. Orji, B.Ed. (Nigeria)	Chief Exec. Officer
K.O. Oyiga, B.Sc. PGD. (Nigeria)	Chief Exec. Officer
C.J.N. Ikea, B.Sc. (Nigeria)	Chief Exec. Officer
G.E. Ugwonna, B.Sc. (Enugu)	Chief Exec. Officer
A.U. Mgbo, B.Sc. (Nigeria)	Chief Exec. Officer
I.C. Okolo, B.Sc. (Nigeria)	Chief Exec. Officer
S.E. Ndili, HND, B.Sc. (Owo, Ondo)	Princ. Accountant
C. Adindu, B.Sc. M.Ed. (Nigeria)	Assistant Chief Exec. Officer
M.U. Ike, HND, B.Sc. (Enugu)	Assistant Chief Exec. Officer
J.C. Ngwu, B.Sc. (Nigeria)	Assistant Chief Exec. Officer
C.C. Obiora, HND, B.Sc. (Enugu), M.Sc. (Imo)	Assistant Chief Exec. Officer
J.N. Ezugwu, B.Ed. (Nigeria)	Assistant Chief Exec. Officer
C.O. Onuoha, B.Sc. (Enugu), MBA. (Nigeria)	Assistant Chief Exec. Officer
J.O. Obiozor, B.Sc. (Nigeria)	Assistant Chief Exec. Officer
C. Agwu, B.Sc. MBA. (Nigeria)	Assistant Chief Exec. Officer
C.N. Uzo, B.A. (Benin)	Princ. Exec. Officer I
R.N. Eze, B.Sc. M.Sc. (Nigeria)	Princ. Exec. Officer I
C.S. Egbujor, HND	Princ. Exec. Officer I
A.G. Odinma, HND, PGD. (Enugu), MBA. (Calabar)	Princ. Exec. Officer I
C.F. Nwagwu, HND	Princ. Exec. Officer I
R.C. Ozoanya, B.Ed. M.Ed. (Nigeria)	Princ. Exec. Officer I

D.N. Ugwuja, HND, B.Sc. (Nigeria)	Princ. Exec. Officer I
C. Obayi, B.Sc. (Enugu)	Princ. Exec. Officer I
U.O. Mbawuike, B.Sc. (Nigeria)	Princ. Exec. Officer I
B. Eze, B.A. (Nigeria)	Princ. Exec. Officer I
C.N. Mbah, B.Sc. (Nigeria)	Princ. Exec. Officer I
C.O. Onugha, B.Sc. (Benin)	Senior Accountant
A.C. Aneke, B.Sc. (Jos), MBA. (Nigeria)	Senior Accountant
D. Obeta, HND	Senior Accountant
L.O. Agbo, B.Sc. (Nigeria)	Senior Accountant
I.J. Ejike, HND, (Enugu), MBA. (Nigeria)	Senior Accountant
C.T. Nwachukwu, B.Sc. (Enugu), MBA. (Nigeria)	Senior Accountant
O.J. Ohaegbulam, B.A. M.Sc. (Nigeria)	Senior Accountant
K.M. Okwurunimee, HND	Senior Accountant
N.J. Ugwu, B.Sc. (Enugu)	Senior Accountant
C.I. Nnadi, B.Ed. (Nigeria)	Princ. Exec. Officer II
N. Chita, B.Sc. (Abia)	Princ. Exec. Officer II
C.N. Chukwuma, B.Ed., MLS. (Nigeria)	Princ. Exec. Officer II
A.C. Ekwe, B.Sc. (Nigeria)	Princ. Exec. Officer II
E.C. Nkemka, B.Sc. (Nigeria)	Princ. Exec. Officer II
C.U. Uchechukwu, B.Sc. (Nigeria)	Princ. Exec. Officer II
P.Ezemma, B.Sc. (Nigeria)	Princ. Exec. Officer II
U.N. Nwogu, B.Sc. (Nigeria)	Princ. Exec. Officer II
I.A. Nweze, B.Sc. (Nigeria)	Princ. Exec. Officer II
A.N. Obayi, B.Ed. (Nigeria)	Princ. Exec. Officer II
S.N. Ofoezie, B.Sc. (Enugu)	Princ. Exec. Officer II
N.S.O. Igwe, HND	Princ. Exec. Officer II
B.N. Umoh, B.Sc. (Nigeria)	Princ. Exec. Officer II
O.J. Uzoma, B.Ed. (Abia) PGDE. (Nigeria)	Princ. Exec. Officer II
S.C. Ukazu, HND, PGDE. (Kaduna)	Princ. Exec. Officer II
O.F. Nwafor, HND, B.Sc. (Enugu)	Princ. Accountant
N.C. Enogwe, B.Sc. (Ogun)	Accountant II
C.F. Onwukwe, B.Sc. (Abia)	Accountant II
C.N. Ezenwa, B.Sc. (Enugu)	Accountant II
E.G. Ilo, B.Sc. (Nigeria)	Accountant II
I.O. Ozumba, B.Sc. (Awka)	Accountant II
R.C. Okpala, B.Sc. (Anambra)	Accountant II
C.O. Nwafor, B.Sc. M.Sc. (Enugu)	Accountant II
A.E. Onuzurike, B.Sc. MBA. (Nigeria)	Accountant II
J.U. Chime, B.Sc. (Ebonyi)	Accountant II
J.C. Nwosu, B.Sc. (Enugu)	Accountant II
N.O. Nwigwe, BA. (Nigeria)	Administrative Officer
B.U. Onyishi, B.Ed. (Nigeria)	Senior Data Process. Officer II
U.O. Nnamonu, B.Sc. (Enugu)	High Exec. Officer
C.N. Nebo, B.Sc. (Enugu)	Exec. Officer
E. Anyanwu, B.Sc. (Nigeria)	Senior Lab Supervisor
P.H. Adonu, B.A. (Nigeria)	Exec. Officer
O.B. Okoro, B.Sc. (Nigeria)	Senior Exec. Officer I
V.C. Udeh, B.Sc. (Enugu)	Higher Technical Officer II
N.C. Okemiri, HND	Higher Technical Officer II
J.C. Ukachi, HND	Higher Technical Officer II
P.C. Omeje, B.Sc. (Enugu)	Higher Technical Officer II

### Registry Department

C.C. Igboke, B.Sc., LL.B, B.L. (Nigeria), LL.M (Enugu), DBA (London)	Registrar
M.U. Arumede, HND (Oko), B.Sc. (Owerri), PGD, M.Sc. (Nigeria)	Chief Conf. Secretary/ Secretary to Registrar
<b>Central Registry unit</b>	
I.A.S Onyeador, B. Ed (Nigeria)	Princ. Assistant Registrar
N. J. Ezema, B.A., M.A. (Nigeria)	Administrative Officer
<b>Administrations Unit</b>	
O.A.B. Saddiq, B.Sc., M.Sc. (Nigeria)	Assistant Registrar
<b>Admission Unit</b>	
G.O. Nnadi, B.Sc., M.Sc. (Nigeria)	Princ. Assistant Registrar
B.O. Ngwuchukwu, B.A., M.A. (Nigeria)	Princ. Assistant Registrar
R. A. Daramola, B.Sc., PGD, MBA (Ife)	Assistant Registrar
<b>Council Affairs Unit</b>	
C. O. Ebizie, B.Sc., PGDE, M.Ed. (Nigeria)	Deputy Registrar
O. O. Onuobia, B.Sc. (Nigeria), M.Sc. (Ibadan)	Assistant Registrar
V. N. Agbogo, M.Ed. (Nigeria)	Chief Conf. Secretary
<b>Endowment Fund unit</b>	
E.F. Ezeugwu, LL.B, B.L. (Nigeria)	Princ. Assistant Registrar
<b>Careers and Students Services unit</b>	
A.S.E. Akpan , B.Ed., PGD, MPA, M.Sc., Ph.D. (Nigeria)	Princ. Assistant Registrar
G. M. Imeri, B.Sc. M.Sc. (Nigeria)	Assistant Registrar
A. C. Ugwuanyi, B.Ed. (Nigeria)	Chief Exec. Officer
A. T. Nebo, B.A. (Nigeria)	Princ. Exec. Officer I
C. I. Ugonabo, B. Ed. (Nigeria)	Princ. Exec. Officer II
E. Emezue, HND	Higher Technical Officer II
A. E. Iyamanbhor, B.Sc. (Enugu)	Higher Technical Officer II
Y. O. Omowa, B.Ed. (Ado-Ekiti)	Higher Technical Officer II
J. U. Eze, HND	Higher Technical Officer II
C. J. Oranye, B.Sc. (Nigeria)	Higher Technical Officer II
K. O. Maduekwe, B.Ed. MBA. (Nigeria)	Higher Technical Officer II
C. U. Ngwu, B.Sc. (Enugu)	Higher Technical Officer II
J. A. Akinwale, HND	Higher Technical Officer II
A. A. Ologbenla, B.Sc. PGD. MPA. (Ife)	Higher Technical Officer II
J. C. Ugwumah, B.Ed. (Nigeria), M.Ed. (Ibadan)	Higher Technical Officer II
I. U. Mbanuzue, B.Sc. (Uli)	Higher Technical Officer II
S. O. Omeje, OND	Senior Data Process. Officer II
O. F. Adeyanju, NCE	Technical Officer
C. K. Amaefula, OND	Technical Officer
E. N. Amoke, OND	Chief Cleaner Messenger
<b>Students Records &amp; Institutional Research unit</b>	
A.U. Amadi, B. A., MPA, PGD (Nigeria)	Princ. Assistant Registrar
A. Onyema, B.Sc., M.Sc., MBA (Nigeria)	Assistant Registrar
C.U. Ajuziogu, B. A. (Nigeria)	Administrative Officer
S.O. Ezeorba, HND, B.Sc. (Nigeria)	Chief Exec. Officer
<b>Personnel Services Unit</b>	
F.C. Achiuwa, B.Ed., M.Ed. (Nigeria)	Princ. Assistant Registrar
G.M. Odoh, B.Ed., M.ed. (Nigeria)	Chief Exec. Officer
R.O. Chukwurah, B.Ed. (Nigeria)	Chief Exec. Officer
J.N. Ezepeue, LLB., M.Ed. (Nigeria)	Chief Exec. Officer
C.C. Okoye, B.Ed., M.Ed. (Nigeria)	Assistant Chief Exec. Officer
V.N. Egbujor, B.Ed. (Nigeria)	Princ. Exec. Officer I
E.C. Ishiwu, BA. (Nigeria)	Senior Assistant Registrar
C.A. Chime, HND	Princ. Exec. Officer I

G.O. Isiwu, B.Sc., M.Sc. (Nigeria)	Princ. Exec. Officer I
A.C. Chikezie, B.Eng. (Enugu)	Princ. Exec. Officer I
C.B. Ndubuisi, B.Sc., M.Sc. (Enugu)	Princ. Exec. Officer I
N.S. Ngene, B.Sc. (Nigeria)	Princ. Exec. Officer I
F.O. Nnadi, B.Ed. (Nigeria)	Princ. Exec. Officer I
C.L. Timothy, B.Sc., M.Sc. (Enugu)	Princ. Exec. Officer I
T.J. Nwadike, BA. (Nigeria)	Princ. Exec. Officer I
C.L. Onah, B.Ed. (Enugu)	Princ. Exec. Officer I
E.A. Unachukwu, LLB. (Nigeria)	Princ. Exec. Officer II
G.I. Iroegbu, B.Ed. (Nigeria)	Princ. Conf. Secretary II
C.A. Ugwu, B.Ed. (Nigeria)	Princ. Exec. Officer II
B.O. Ogbu, B.Sc. (Nigeria)	Princ. Exec. Officer II
P.E. Udechukwu, B.Sc. (Nigeria)	Senior System Analyst
A.C. Omeje, B.Sc., M.Sc. (Nigeria)	Assistant Registrar
N.A. Ogbonna, B.Ed., M.Ed. (Nigeria)	Princ. Exec. Officer II
C.M. Ugwu, B.Ed. (Nigeria)	Princ. Exec. Officer II
O.N. Ezeanyika, B.A., MA. (Nigeria)	Administrative Officer
C.I. Asogwa, B.Ed. (Nigeria)	Administrative Officer
I.D. ANEKE, B.Sc. (Nigeria)	Administrative Officer
T.N. ATTAH, B.Sc. (Nigeria)	Operation Manager I
C. AMUKA, HND	Higher Exec. Officer
I.O. MBANUZUE, B.Sc. (Anambra)	System Analyst II
H.A. Ayogu, B.Sc. (Nigeria)	Higher Technical Officer II
W.E. Njoku, B.Ed. (Nigeria)	Higher Technical Officer II
A.S. Ugwu, B.A. (Nigeria)	Higher Technical Officer II
O.C. Alaukwu, B.Sc. (Nigeria)	Higher Technical Officer II
E.W. Amu, B.Sc. (Nigeria)	Assistant Exec. Officer
C.O. Ugwuoke, B.Agric. (Enugu)	Higher Data Process. Officer
T.N. Omegor, B.Sc. (Enugu)	Higher Technical Officer II
C.I. Abuwa, HND	Higher Exec. Officer
O.A. Obineche, B.ED. (Nigeria)	Higher Exec. Officer
C.G. Eze, HND	Conf. Secretary II
V.O. Madu, B.Sc. (Nigeria)	Assistant Exec. Officer
<b>Examination Unit</b>	
E.A. Okoro, B.A. M.Ed. (Nigeria)	Princ. Assistant Registrar
V.O. Adikwu, B.Ed. M.A. Ph.D. (Nigeria)	Senior Assistant Registrar
O.C. Nwankwo, B.Sc. M.Sc. (Nigeria)	Senior Assistant Registrar
S.I. Odoh, B.A. (Nigeria)	Assistant Registrar
U.C. Ugwu, B.Sc. (Nigeria)	Assistant Registrar
N.J. Ezinna, B.Sc. M.Sc. (Nigeria)	Administrative Officer
O.M. Adeyanju, B.Sc. (Ogun)	Administrative Officer
E.U. Ezema, B.Ed. (Nigeria)	Administrative Officer
F.N. Okoye, B.Ed. M.Ed. (Nigeria)	Administrative Officer
S.O. Ike, B.Ed. (Nigeria)	Chief Exec. Officer
N.O. Ibe, B.Sc. M.Ed. (Nigeria)	Assistant Chief Exec. Officer
P.N. Isiguzo, B.A. M.A. (Nigeria)	Assistant Chief Exec. Officer
N.P. Onyishi, B.Sc. M.Sc. (Nigeria)	Princ. Exec. Officer I
L.N. Asogwa, B.Ed. (Nigeria)	Princ. Exec. Officer I
C.E. Okoro, B.A. (Nigeria)	Princ. Exec. Officer I
F.I. Eneogu, B.Sc. M.Sc. (Nigeria)	Princ. Exec. Officer I
C.A. Eneze, HND, (Enugu)	Princ. Exec. Officer I
G.N. Ebere, B.Ed. M.Ed. (Nigeria)	Princ. Exec. Officer I
N.M. Orumah, B.Sc. (Nigeria)	Princ. Exec. Officer I
J.I. Nwamuoh, B.Sc. (Nigeria)	Princ. Exec. Officer II

S.J. Ikekwuibe, B.Tech. (Owerri), PGDE. (Calabar)	Princ. Exec. Officer II
C.S. Ezeah, B.Ed. PGDL. MLS. (Nigeria)	Princ. Exec. Officer II
F.T. Agbo, B.A. (Nigeria)	Princ. Exec. Officer II
M.C. Uchechukwu, B.Ed. PGD. (Nigeria)	Princ. Exec. Officer II
C.A. Ugwu, B.Ed. (Nigeria)	Princ. Exec. Officer II
A.N. Amoke, B.Ed. (Nigeria)	Princ. Exec. Officer II
C.E. Orisakwe, B.Ed. (Nigeria)	Princ. Exec. Officer II
A.A. Obodo, B.Ed. (Nigeria)	Princ. Exec. Officer II
J.C. Imoh, B.Sc. (Nigeria)	Senior Computer Programmer
C.O. Ette, B.Ed. (Nigeria)	Senior Data Process. Officer
C.U. Nweze, B.Sc. PGD. M.Sc. (Nigeria)	Senior Social Welfare Officer
J.O. Asogwa, B.Sc. MBA. (Nigeria)	Senior Exec. Officer
C.C. Ugwu, B.Sc. MBA. (Nigeria)	Senior Exec. Officer
J.C. Agbakwuru, B.Sc. (Nigeria)	Senior Exec. Officer
C.C. Oji, Dip., B.Sc. (Nigeria)	Senior Exec. Officer
O.P. Eze, Dip., B.Sc. (Nigeria)	Higher Exec. Officer
I.O. Chikezie, B.Sc. (Nigeria)	Assistant Programmer
N.F. Nwafor, Dip. (Nigeria)	Higher Exec. Officer
J.C. Agbo, B.Sc. (Kwara)	System Analyst
P.S. Bande, B.Sc. (Jos)	System Analyst
U.E. Nwaiwu, B.Sc. (Nigeria)	Operations Manager II
O.I. Adu, B.Ed. (Ekiti)	Higher Technical Officer II
O. Njoku, B.A. (Ebonyi)	Higher Technical Officer II
C.G. Omeili, B.Sc. (Nigeria)	Higher Technical Officer II
R.I. Udeanor, Dip. (Nigeria)	Machineroom Supervisor/ Exec. Officer
A.N. Ezeugwu, B.Ed. (Nigeria)	Assistant Exec. Officer
T.I. Diarua, NCE	Senior Clerical Officer
<b>Senate Affairs</b>	
J. A. Jisieike B.Sc. (Nigeria)	Deputy Registrar
N.K.N. Obetta, B.Sc., M.Ed., MBA (Nigeria)	Princ. Assistant Registrar
C.I. Ojobo, B.Sc., M.Ed. (Nigeria)	Assistant Registrar
<b>Enugu Campus</b>	
C.I. Onodugo, B.Sc., LL.B (Nigeria), BL. (Lagos)	Deputy Registrar
R.I. Ojinta, B.Sc., M.Sc., (Anambra) , GHR (UK)	Princ. Assistant Registrar
I.W. Ugwu, B.A. (Jos), LL.B., (Nigeria), BL (Abuja)	Senior Assistant Registrar
O.C. Nwogwugwu, LL.B., (Nigeria), BL. (Abuja)	Senior Assistant Registrar
P.E. Ogbuabor, B.Sc. (Enugu)	Senior Assistant Registrar
E.A. Emeka-Owoh, B.Ed., MBA. (Enugu), M.Sc. (Nigeria)	Senior Assistant Registrar
G.C. Iloha, HND, PGD, MBA. (Anambra)	Senior Assistant Registrar
C.A. Nwosu, B.Sc., (Anambra), MBA (Nigeria)	Assistant Registrar
I.O. Agbaeze, B.Sc. (Abia)	Assistant Registrar
C.V. Onyeama, B.Sc. (Enugu)	Administrative Officer
F.A. Chime, B.Sc. (Enugu)	Administrative Officer
C.F. Korie, B.A. (Nigeria)	Administrative Officer
L.C. Ogbonnaya, B.Sc. (Enugu)	Administrative Officer
O.C. Awah, B.Sc. (Nigeria)	Administrative Officer
A.O. Okonkwo, HND	Princ. Conf. Secretary I
T.O. Asadu, DIP. (Nigeria)	Princ. Exec. Officer I
C.S. Anikwe, B.Sc. (Enugu)	Princ. Exec. Officer I
C.V. Igwenagu, LL.B., (Nigeria), BL. (Abuja)	Princ. Exec. Officer I
F.A. ENYI, B.Sc., M.Sc. (Nigeria)	Princ. Exec. Officer I
E.C. Uzodi, B.A, PGD (Nigeria)	Princ. Exec. Officer I
F.O. Mogbo, B.Sc., (Enugu), MPA. (Enugu)	Princ. Exec. Officer I

M.N. Onyia, B.Sc. (Nigeria)	Princ. Exec. Officer II
J.I. Owoh, HND, B.Ed. (Enugu)	Princ. Exec. Officer II
I.J. Okeoma, B.Sc., (Enugu), MBA. (Nigeria)	Princ. Exec. Officer II
N.O. Okoronkwo, HND, PGD (Nigeria)	Princ. Exec. Officer II
P.O. Akabuogu, B.Sc. (Enugu)	Princ. Exec. Officer II
G.E. Okolie, HND	Senior Exec. Officer
A.K. Ajah, HND	Senior Exec. Officer
V.O. Ede, B.Sc. (Nigeria)	Senior Exec. Officer
J.I. Ezeobi, HND, PGD M.Sc. (Nigeria)	Senior Exec. Officer
B.C. Okonkwo, B.Sc. (Enugu)	Senior Exec. Officer
F.N. Onwualu, HND	Senior Exec. Officer
N.F. Odoemenam, HND, PGD (Nigeria)	Senior Exec. Officer
P.N. Eze, B.Sc. (Enugu)	Higher Exec. Officer
C.P. Emeka-Akwuba, B.Sc., MBA. (Nigeria)	Higher Exec. Officer
I.D. Kekeh, B.Sc., MBA. (Nigeria)	Higher Exec. Officer
F.E. Anuche, B.Sc. (Enugu)	Higher Exec. Officer
V.R. Ogbu, B.Sc. (Enugu)	Higher Technical Officer II
N.S. Anizoba, B.Sc. (Enugu)	Higher Technical Officer II
F.N. Ajah, B.Sc. (Enugu)	Higher Technical Officer II
E.E. Igbokwe, B.Ed., (Enugu)	Higher Technical Officer II
C.I. Ugwu, B.Sc. (Enugu)	Higher Technical Officer II
N.J. Obinna- Eze, B.Sc., M.Sc. (Enugu)	Higher Technical Officer II
P.A. Ogbui, HND	Higher Technical Officer II
V.N. Nwankwo, B.Sc. (Nigeria)	Higher Technical Officer II
R.N. Anika, B.Sc. (Nigeria)	Higher Technical Officer II
E.V. Agaba, B.Sc. (Nigeria)	Higher Technical Officer II
C.G. Okoye, B.Sc. (Enugu)	Higher Technical Officer II
M.E. Ezugwu, B.Sc. (Enugu)	Higher Technical Officer II
N.C. Ugwuegbu, B.Sc. (Enugu)	Higher Technical Officer II
C.H. Anatunah, B.Sc. (Enugu)	Higher Technical Officer II
L.C. AGU, B.Sc. (Enugu)	Higher Technical Officer II
V.N. Akachukwu, B.Sc. (Nigeria)	Higher Technical Officer II
C.G. Maduka, B.Ed. (Nigeria)	Higher Technical Officer II
O.C. Eze, B.Sc. (Enugu)	Higher Technical Officer II
N.C. Ogumba, HND, PGD (Lagos)	Conf. Secretary I
C.N. Chiama, B.Sc. (Awka)	Higher Technical Officer II
N.E. Onyenze, B.Sc. (Nigeria)	Higher Technical Officer II
C.N. Ogbuka, B.Sc. (Nigeria)	Higher Technical Officer II
O.N. Nwachukwu, B.Sc. (Enugu)	Higher Technical Officer II
U.C. Okogbu, HND	Higher Technical Officer II
S.C. Uduafor, B.Sc. (Nigeria)	Higher Technical Officer II
N. Onukwo, B.Sc. (Nigeria)	Higher Technical Officer II
E.M. Ngwu, LL.B., (Enugu), BL. (Abuja),	Higher Technical Officer II
D.A. Ibiam, HND, PGD (Awka)	Higher Technical Officer II
F.O. Anisi, B.Sc. (Enugu)	Higher Technical Officer II
N.P. Aleke, B.Sc. (Enugu)	Higher Technical Officer II
B.N. Amadi, B.Sc. (Enugu)	Exec. Officer
P.N. Nworie, B.Sc. (Enugu)	Assistant Hall Supervisor
<b>Academic Planning</b>	
M.O. Osilike, B.Sc., M.Sc, Ph.D. (Nigeria)	Director
S. A. Ugwu, B.Sc. (Nigeria), M.Sc. (Nigeria)	Chief Conf. Secretary
O. I. Ojonta, B.Sc. (Awaka), M.Sc. (Nigeria)	Chief Planning Officer
R. N. Agomuo, B.Ed., (Nigeria)	Princ. Exec. Officer II
N.N. Obasi, B. Sc (Enugu)	Princ. Exec. Officer I

J. E. Mamah, HND (Enugu) PGD(Nigeria)  
 E. C. Urama, B.SC (Nigeria) ,M.Sc.,(Nigeria)  
 T. E. Nnatu, B.Sc., (Nigeria)  
 N. J. Ihedioha, B.Sc. (Nigeria), PGDE (Maiduguri),  
 A. C. Onah, B. Sc ( Nigeria)  
 C. M. onyeador, B.Sc. (Nigeria),  
 A. C. Igwe, B.Sc. (Nigeria),  
 J.E. Anasieze, B.Ed. (Nigeria),  
 U .U. Ogbonna, B.Sc., (EBSU),  
 K.E. Orji, B.Sc. (Nigeria)  
 O.C. Ozioko, B.Sc. (Nigeria)  
 O.C. Anosierike, B.Sc., M.Sc. (Enugu)  
 I.R. Okoye, B.Sc. (Awka) PGD (Nigeria),

Planning Officer I  
 Planning Officer I  
 Higher Tech. Officer II  
 System Analyst II  
 Planning Officer II  
 Higher Tech. Officer II  
 Higher Tech. Officer II  
 Higher Tech. Officer II  
 Higher Tech. Officer II  
 Higher Tech. Officer II  
 Higher Tech. Officer II  
 Higher Tech. Officer II

### Physical Planning

C. S. Eze, B.A (Nigeria)  
 E. U. Onodugo, B.Eng (Nigeria)  
 A. O. Ozele, B.Eng(Benin), PGD (Nigeria)  
 P. C. Agu, B.Sc., M.Sc. (Ife), PGD (Nigeria)  
 O. C. Ekwelem, B.Sc. (Enugu), M.Sc. (Awka)  
 O. O. Ene, B.Eng (Enugu)  
 H. I. Ezeugwu, B.Eng (Nigeria)  
 K. I. Ugwuokpe, B.Sc. (Nigeria)  
 E. J. Okechukwu, B.Eng (Nigeria)  
 A. A. Chime, B.Sc., M.Sc. (Enugu)  
 C. C. Ike, B.Sc. (Enugu)  
 S. A. Okeke, B.Eng (Awka)  
 B. A. Ozonu, B.Eng (Enugu)  
 M. C. Madu, B.Sc. (Nigeria)  
 A. N. Onovo, B.Sc. (Nigeria)  
 L. M. Akata, B.Sc., M.Sc., Ph.D. (Nigeria)  
 O. J. Eze, B.Sc., PGD, M.Sc. (Enugu)  
 E. J. Agu, B.Eng (Enugu)  
 I. B. Nebo, B.Sc. (Ibadan)  
 N. P. Onyia, B.Sc. (Enugu)  
 S. C. Ozoude, HND (IMT)  
 E. A. Chukwudi, B.Sc. (Enugu), M.Sc. (UK)  
 C. D. Omeje, B.Eng (Maiduguri), M.Eng (Nigeria)  
 S. C. Ugwu, B.Eng (Yola)  
 E. Agu, B.Sc. (Nigeria)  
 A. C. Ukekwe, B.Eng (Anambra)  
 O. C. Agbakwuru, B.Sc. (Enugu)  
 P. O. Nwachukwu, B.Sc., PGD (Nigeria)  
 I. L. Bassey, HND (Calabar)  
 O. E. Michael, HND(Uwana)  
 D. O. Ekeocha, B.Sc. (Nigeria), M.Sc. (USA)  
 E. T. Adesina, HND (IDAH)  
 K. A. Nwosu, B.Sc., PGD (Nigeria)  
 A. L. Mohammed, B.Sc. (Jos)  
 G. I. Ugwuogbuke, B.Ed. (Nigeria)

Director  
 Deputy Director  
 Deputy Director  
 Chief Architect  
 Chief Quantity Surveyor  
 Chief Civil Engineer  
 Chief Engineer  
 Chief Planning Officer  
 Chief Engineer  
 Deputy Chief Quantity Surveyor  
 Deputy Chief Architect  
 Princ. Engineer  
 Princ. Engineer  
 Princ. Conf. Secretary I  
 Princ. Exec. Officer I  
 Princ. Exec. Officer I  
 Senior Architect  
 Senior Engineer  
 Senior Engineer  
 Senior Quantity Surveyor  
 Technical Officer II  
 Technical Officer II  
 Engineer I  
 Engineer I  
 Architect II  
 Engineer II  
 Quantity Surveyor II  
 Planning Officer II  
 Higher Technical Officer II  
 Higher Technical Officer II  
 Higher Technical Officer II  
 Higher Technical Officer II  
 Higher Technical Officer II  
 Assistant Exec. Officer

### Central Registry

C.I. Onodugo, B.Sc., B.L., LL.B (Nigeria)

Deputy Registrar

### Examinations unit

R.I. Ojinta., B.Sc. M.Sc. (Nigeria) M.Sc. (United Kingdom)

Princ. Assistant Registrar

A.N. Ezech, B.Sc. (Enugu)

G.C. Iloha, HND, PGD, MBA (Enugu)

C.V. Onyema B. Sc. (Enugu)

O.C. Awah B.Sc. (Nigeria)

**Students Records & Institutional Research unit**

I.W. Ugwu B.A., (Jos) BL, LL.B (Nigeria)

**Career and Student's Services**

O.C. Nwogwugwu. BL., LLB, (Nigeria)

C.A. Nwosu B.Sc., (Awka), MBA (Nigeria)

N.R.C. Ifeanyi, B.Sc. (Nigeria)

**Admission Unit**

E.P. Ogbuabor, B.Sc. (Enugu)

I.O. Agbaeze B. Sc. (Abia)

F A. Chime, B. Sc. (Enugu)

**Personnel Services unit**

M. N. Anikwe, B.Sc., PGD, MBA., M.Sc. (Nigeria)

**MIS**

P.C. Oranu, B.Sc. (Ibadan), M.Sc. (Nigeria)

G.C. Ebere, B.Sc. (Nigeria)

S.A. Salawu, HND

C.V. Chinyere, B.Sc., MLS. (Nigeria)

L.A. Ekeke, B.Sc., M.Sc. (Nigeria)

J.C. Ngwoke, B.Sc. (Nigeria)

C.J. Obaregwu, B.Eng. M.Eng. (Nigeria)

A. Ekundaya, B.Eng. (Makurdi)

K.C. Nwabueze-Ekwuribe, B.Eng. (Nigeria)

U. Nwamarah, B.Sc. (Nigeria)

F.O. Enem, B.Sc. (Nigeria), M.Sc. (Awka)

C.I. Chielo, B.Sc., M.Sc. (Nigeria)

C.O. Alegbesogie, B.Eng. (Benin)

V.O. Donwa, B.Eng. (Minna)

A.E. Timothy, B.Eng. (Nigeria)

C.V. Ugwuoke, B.Eng. (Enugu), M.Sc. (Brunel)

U.C. Onyechi, B.Eng. (Nigeria)

A.N. Orji, HND, PGDTE, B.Ed. (Nigeria)

C.E. Akobueze, Pitmans (London), CSCA (Nigeria)

F.C. Attah, OND

R.N. Odimba, B.Sc. (Nigeria)

O.C. Ulochukwu, Dip. (Nigeria)

A.I. Ugwuja, Dip. (Nigeria)

E.J. Ugboaku, B.Sc. (Nigeria)

A.A. Ndefo, B.Sc. (Okija)

I.E. Agboeze, B.Ed. (Nigeria)

**Medical Centre**

A.E. Onwurah, MBBS. (Nigeria), DTM.H. (London)

S.M. Adebowale, MBBS. (Nigeria)

C.J. Onah, MBBS. (Madugri)

N.N. Edelugo, MBBS. (Nigeria)

E.E. Nwaozuzu, MBBS.(Nigeria)

P.O. Asadu, MBBS. (Nigeria)

V.N. Ugwu, MBBS. (Nigeria)

O.C. Onyishi, MBBS. (Nigeria)

C.C. Agudi, MBBS. (Nigeria)

Assistant Registrar

Administrative Officer

Administrative Officer

Administrative Assistant

Assistant Registrar

Assistant Registrar

Administrative Officer

Administrative Assistant

Assistant Registrar

Administrative Officer

Administrative Officer

Administrative Officer

Deputy Director

Deputy Director

Chief Computer Technologist

Chief System Analyst

Chief Operation Manager

Chief Maintenance Officer

(Computer)

Chief Network Engineer

Chief Network Engineer

Chief Network Engineer

Chief Systems Analyst

Chief Systems Analyst

Chief Programmer

Princ. Network Engineer

Princ. Network Engineer

Princ. Network Engineer

Princ. Programmer

Princ. Network Engineer

Princ. Operations Manager

Princ. Operations Manager

Chief Machine Room Supervisor.

Princ. Machine Room Supervisor.

Chief Machine Room Supervisor.

Security Officer

Senior Machine Room Supervisor

Higher Technical Officer II

Exec. Officer

Chief Medical Officer

Chief Medical Officer

Princ. Medical Officer

Princ. Medical Officer

Princ. Medical Officer

Princ. Medical Officer

Princ. Medical Officer

Medical Officer

Medical Officer



O.I. Osadebe, MBBS. (Nigeria)	Medical Officer
I.E. Ikpe-Ibenekwu, B.Pharm., M.Pharm. (Nigeria)	Chief Pharmacist
C. Ozumba, B.Pharm. (Nigeria)	Deputy Director
J.N. Ekemezie, B.Pharm. (Nigeria)	Princ. Pharmacist I
C.C. Ekere, B.Pharm. (Nigeria)	Princ. Pharmacist II
T.U. Udeogaranya, B.Pharm. (Nigeria)	Princ. Pharmacist II
O.Ubaka, B.Pharm. (Nigeria)	Pharmacist I
K.C. Ugwuonwu, B.Pharm. (Nigeria)	Pharmacist I
C.E. Chinonso, B.Pharm. (Nigeria)	Pharmacist I
C.E. Anene, B.Pharm. (Nigeria)	Pharmacist I
F.O. Koledoye, B.Sc. (Ibadan), M.Sc. Ph.D. (Nigeria)	Chief Physiotherapist
C.K. Eze, BMR. (Nigeria)	Physiotherapist I
A.O. Nwosu, BMR. (Nigeria)	Physiotherapist I
C.I. Agudi, B.Sc. (Nigeria)	Radiographer II
C.O. Ndu, B.Ed. (Nigeria)	Chief Exec. Officer
L.N. Okpara, B.Ed. (Nigeria)	Chief Exec. Officer, Head Records Unit
U.I. Umeh, B.Ed. (Nigeria)	Princ. Exec. Officer II
S.N. Nwadinobi, B.Ed. MLS. (Nigeria)	Administrative Officer
A.R. Anyanwu, B.Ed. (Nigeria)	Princ. Health Superintendent
O.U. Ogu, B.Sc. (Nigeria)	Higher Health Superintendent
J.G. Ukachukwu, HND. (Nigeria)	Senior Health Records Technician
F.U. Uzoukwu, B.Sc. (Nigeria)	Senior Computer Operator
M.N. Diolu, B.Sc. (Nigeria)	Health Superintendent
O.V. Diyoke, HND. (Nigeria)	Higher Technical Office II
C.N. Chukwuma, HND. (Nigeria)	Higher Technical Office II
P.N. Nnaji, HND. (Nigeria)	Higher Technical Officer II
B.L. Onwuka, HND. (Nigeria)	Higher Technical Officer II
J.A. Okey, B.Sc. (Nigeria)	Higher Technical Officer II
B.I. Egbachukwu, B.Sc. AMLS. (Nigeria)	Princ. Medical Lab. Scientist
E.U. Ezichi, B.Sc. AMLS. (Nigeria)	Princ. Medical Lab. Scientist
C.O. Onyesife, BMLS. M.Sc. (Nigeria)	Senior Medical Lab. Scientist
A.U. Ikechi, BMLS. (Nigeria)	Medical Lab. Scientist I
C.A.C. Eze, BMLS. (Nigeria)	Medical Lab. Scientist I
W.E. Oguejiofor, AMLS. (Nigeria)	Medical Lab. Scientist II
M.O. Ugochukwu, BMLS. (Nigeria)	Medical Lab. Scientist I
P.O. Ihemereze, BMLS. (Nigeria)	Medical Lab. Scientist I
M.C. Ezugwu, B.Sc. (Nigeria)	Higher Technician Officer II
O.H. Eke, B.Sc. M.Sc. (Nigeria)	Counseling Psychologist I
I.H. Ogbonna, B.Sc. (Ebonyi), M.Sc. (Nigeria)	Counseling Psychologist I
L.N. Omeje, B.Sc., M.Sc. (Nigeria)	Counseling Psychologist II
S.O. Amu, B.Sc. (Nigeria)	Counseling Psychologist II
H.C. Anisiobi, B.Sc. (Nigeria)	Higher Field Health Supervisor
C.H. Okoli, B.Sc. (Awka)	Higher Field Health Supervisor
O.C. Nwaonu, (Imo)	Higher Health Superintendent
S.I. Inyama, B.Sc. PGD. (Nigeria)	Chief Nursing Officer
I.V. Asogwa, B.Sc. (Nigeria)	Chief Nursing Officer
E.A. Enwereuzo, B.Sc. (Nigeria)	Chief Nursing Officer
R.I. Okere, B.Sc. (Nigeria)	Chief Nursing Officer
V.O. Nneji, B.Sc. (Nigeria)	Chief Nursing Officer
J.N. Chukwuebi, B.Sc., M.Sc. (Nigeria)	Chief Nursing Officer
C.N. Nwokoroku, B.Sc. (Nigeria)	Chief Nursing Officer
F.O. Abugu, B.Sc. (Nigeria)	Chief Nursing Officer
R.I. Eze, B.Sc. (Nigeria)	Chief Nursing Officer



C.O. Ajayi, B.Ed., MLS (Nigeria)	Assistant Librarian
B.N. Ishiwu, B.A, PGDL (Nigeria)	Assistant Librarian
C.C. Onoh, B.Sc., PGDL, MLS (Nigeria)	Assistant Librarian
C. Uwakwe, PALG, B. Ed., PGDL, MED (Nigeria)	Assistant Librarian
N.E. Orsu, B.Sc. (Nigeria)	Assistant Librarian
A. Chidimma, B.Sc. (Nigeria)	Assistant Librarian
O.E. Ewulum, B.Sc., MLS (Nigeria)	Assistant Librarian
J.P. Igwe, B.Sc. (Nigeria)	Assistant Librarian
J.U. Jidere, Juliet, B.Sc. (Nigeria).	Assistant Librarian
B.C. Nwachi, B.Sc. (Nigeria)	Assistant Librarian
D.P. Udochukwu, B.LiS. (Nigeria)	Assistant Librarian
F.N. Ezeleke, B.Ed. (Nigeria)	Chief Conf. Secretary
K.I. Ezeana, B. Sc. (Nigeria)	Chief Exec. Officer
J.J. Etubi, B. A. (B.UK)	Chief Library Officer
A.O. Isiwu, B.Edu. (Nigeria), MLS (Nigeria)	Assistant Chief Library Officer
F.C. Echetaabu, B.Sc., PGD, M.Sc. (Nigeria)	Assistant Chief Exec. Officer
B.O. Ewa, B.Sc., PGDL (Nigeria)	Princ. Library Officer I
N.E. Akobundu, B.Sc. (Nigeria)	Princ. Library Officer I
M.I. Ogiri, B.Ed., MLS (Nigeria)	Princ. Library Officer I
V.C. Onyeukwu, B.Ed. (Nigeria)	Princ. Library Officer I
E.T. Ebenizer, B.A (Nigeria)	Princ. Exec. Officer I
J.N. Ifeayichukwu, B.Sc. (Nigeria)	Princ. Systems Analyst
N.E. Iwundu, B.Sc., MLS (Nigeria)	Princ. Systems Analyst
N.C. Otagburuagu, MLS (Nigeria)	Princ. Library Officer I
C.J. Anike, B.A, MLS (Nigeria)	Princ. Library Officer II
G.I. Akabueze, B.Sc., PGPE (Nigeria)	Princ. Library Officer II
P.N. Ukwueze, B.Ed., PGDL (Nigeria)	Princ. Library Officer II
O.C. Adindu, BSc., PGDL (Nigeria)	Princ. Library Officer II
C.O. Omeje, B.Sc., MLS (Nigeria)	Princ. Library Officer II
P. I. Okere,	Princ. Library Officer II
S.U. Onyishi, B. Ed. (Nigeria)	Senior Data Process. Officer II
E.U. Aroh, B.Sc., PGD, MPA, M. Sc (Nigeria)	Senior Superint. of Bindery
C.M. Nwokenna, B.A, PGDL (Nigeria).	Senior Library Officer
C.O. Ezugwu, PGDL, MLS (Nigeria)	Higher Library Officer
A.B. Ojionuka, Dip. (Nigeria)	Higher Library Officer
F.N. Oguejiofor, Dip. (Nigeria)	Higher Library Officer
G.O. Ezema, Dip. (Nigeria)	Higher Library Officer
G.E. Onyeke, Dip. (Nigeria)	Higher Library Officer
D.O. Ugwoke, Dip. (Nigeria)	Higher Library Officer
K.S. Bakpo, B.Ed., PGDL (Nigeria)	Higher Library Officer
P.N. Agbo, B.LS (Nigeria)	Higher Library Officer
P.O. Okorie, B.LS (Nigeria)	Higher Library Officer
C.M. Omeke, B. Sc. (Nigeria)	Higher Technical Officer II
P.N. Eze, B.Sc. (ESUT),	Higher Technical Officer II
C.B. Ogbonna, B. Sc. (Umunya)	Higher Technical Officer II
C.C. Ololo, B. Sc. (Nigeria)	Higher Technical Officer II
N.C. Onyishi, B. Sc. (Nigeria)	Higher Technical Officer II
O.J. Ogba, B. Sc. (Nigeria)	Higher Technical Officer II
C.N. Agu, B.Sc. (Enugu), PGD (Nigeria), M.Sc. (Awka)	Higher Technical Officer II
A. C.Tony, B. Sc. (Nigeria)	Higher Technical Officer II
C.N. Uti (Nee Obodo), B. Sc. (Abraka)	Higher Technical Officer II
F.N. Eze, B. Sc. (Nigeria)	Higher Technical Officer II
I.L. Ekeleme, OND (Nigeria)	Senior Hall Supervisor
V.N. Amattah,	Senior Library Officer



N. C. Ezeja, OND (Nigeria)	Senior Security Officer
K. O. Orji, Diploma (Nigeria)	Senior Security Officer
C. Ezeugwu, Diploma (Nigeria)	Senior Security Officer
S. T. Badaru, HND (Nigeria)	Security Officer
F. OnahB. Sc. (Nigeria)	Security Officer
V. N. Eze, Diploma (Nigeria)	Security Officer
C. N. Ozor, Diploma (Nigeria)	Security Officer
B. O. Amoke, Diploma (Nigeria)	Security Officer
S. Asogwa , B.Sc. (Nigeria)	Assistant Security Officer I
O. Oluchukwu , B. Sc. (Enugu)	Assistant Security Officer I
C. E. Agbo, B. Sc. (Nigeria)	Assistant Security Officer I
J. Nwambah B. Sc. (Nigeria)	Assistant Security Officer I
G. O. Ugwu, B.Sc. (Nigeria)	Assistant Security Officer I
B. O. Agu, HND (Awka) B.Sc. (Nigeria)	Assistant Security Officer I
S. C. Eze, Diploma (Nigeria)	Assistant Security Officer I
I. C. Okolo, HND (Enugu), B.Sc. (Enugu), MBA (Nigeria)	Assistant Security Officer II
J. C. Eze, Diploma (Nigeria)	Assistant Security Officer II
J. Odo, Diploma (Nigeria)	Assistant Security Officer II
I. E. Eze, B. Ed. (Nigeria)	Assistant Security Officer II
F. Ozoemena, NCE (Kaduna)	Assistant Security Officer II
F. Ozoemena, NCE (Kaduna)	Assistant Security Officer II
L. I.Ugwu, B.Sc. (Nigeria)	Patrol Supervisor
E. C. Aleke, OND (Nigeria)	Patrol Supervisor
M. U. Eze, OND (Nigeria)	Patrol Supervisor
I. O. Ezema, B. Sc. (Enugu)	Patrol Supervisor
V. Okey, Diploma (Nigeria)	Patrol Supervisor
C. Ogbonna, Diploma (Nigeria)	Patrol Supervisor
F. Ezeugwu, NCE (Kaduna)	Patrol Supervisor
E. Ugwu, NCE (Kaduna)	Patrol Supervisor
E. I. Ogbu , Diploma (Nigeria)	Patrol Supervisor
C. P. Eze, B. Sc. (Enugu)	Patrol Supervisor
L. Onoja, B. Sc. (Nigeria)	Patrol Supervisor
C.U. Omeje, B. Sc. (Nigeria)	Patrol Supervisor
<b>Student Affairs</b>	
S. I. Ofoefule, B.Pharm, M.Pharm, Ph.D (Nigeria),MPSN, MIPAN, FIIA	Dean
E. O. Omeje, B.Pharm, M.Pharm, Ph.D (Nigeria)	Associate Dean of Students
U.C. Nosike, B.Ed, M.Ed, (Nigeria)	Princ. Assistant Registrar
F.I. Bassey, B.A. (Nigeria), PGD (Lagos), MCAI	Chief Exec. Officer/Secretary
F.H. Onyeke, B.Sc. (Nigeria)	Chief Exec. Officer
I.E. Ozioko, B.Sc (Nigeria)	Assistant Chief Exec. Officer
U.C. Awah, HND, B.Sc. (Nigeria)	Assistant Chief Exec. Officer
A.N. Okoli, B.Ed., PGD. MPA (Nigeria)	Assistant Chief Exec. Officer
A.C. Okafor, B.A. (Ed.) PGD	Princ. Exec. Officer I.
G.I. Nmanma, RSA Stages I & II, Pitmans Adv. 50wpm	Senior Data Process. Officer I
O.B. Ekanem, B.Sc. Ed., (Calabar)	Assistant Princ. Hall Supervisor
C.J. Onyishi, B.Sc., M.Sc. (Nigeria)	Assistant Princ. Hall Supervisor
D.U. Okemini, B.Sc. Ed. (Port Harcourt)	Assistant Princ. Hall Supervisor
N.H. Echezona, B.Sc. M.Sc. (Nigeria)	Senior Counselling Psychologist
I.A. Ogbonna, B.Sc. (Nigeria)	Social Welfare Officer
P.C. Okeke, B.Sc. (Nigeria)	System Analyst II
B.J. Ojike, HND, PGDE, M.Ed. (Abuja)	Senior Hall Supervisor
S.A. Nwachukwu, B.Sc., PDE, (Awka)	Higher Technical Officer II
C. L. Ibeziako, B.Ed. (Nigeria)	Higher Technical Officer II

I. I. Obieke, LLB, BL (Benin)  
 D. N. Chikezie, B.Sc., (Enugu)  
 U. C. Udeji, B.Sc. (Nigeria)  
 C. Ezeigwe, OND  
 A.M.C. Ogbuasadu, NCE  
 J.N. Dibia, Pitmans 35wpm, NABTEB, 50wpm (Adv.)  
 C.O. Ojiabor, NABTEB – Typing 50wpm  
 E.S. Okonkwo, OND (NABTAB)

#### **Akpabio Hall**

C.R. Ekeh, B.Ed. (Nigeria)  
 U. Kanu, Dipl. (Nigeria)  
 N. L. Eke, B.Ed. (Nigeria)  
 C. S. Ifesinachi, NCE  
 O. O. Abam, B.Sc. (UniCal), B.Sc. (ESUT)  
 A. O. Obineche, B.Sc. (Nigeria)  
 U. M. Asadu, B.Ed. (Nigeria)  
 J. I. Ezema, HND

#### **Akintola Hall**

T. O. Kalu, NCE, B.Sc. (Nigeria)  
 I. O. Onah, B.Ed. (Nigeria)  
 N. R. Nnnachi, B.Ed. (Nigeria)  
 D. I. Osuoha, OND  
 L. N. Asibe, NABTEB  
 U.B. Asogwa, HND. (IMT, Enugu)  
 U.F. Joshua Okeh, B.Sc. (Nigeria)

#### **Alvan Ikoku Hall**

G. Attah, WASCE, Dipl., B.Sc (Nigeria)  
 F. N. Ugwuoke, B.Sc., M.Sc. (Nigeria)  
 E.N. Onyemaizu, B.Sc. (Nigeria)  
 E. N. Ugozu, B.Sc. (Nigeria)  
 J. E. Ayogu, B.Sc. (Enugu)  
 D.A. Ndukwe, HND  
 R. N. Ibe, B.Sc. (Nigeria)  
 H. Ugwuoke, B.Sc. (Nigeria)  
 M. Ugwuanyi, Dipl.

#### **Aja Nwachukwu Hall**

C. E. Chukwuka  
 N. F. Arua  
 C.F. Achike, B.A. (Calabar)  
 I.C. Amuzie, B.Ed., (Nigeria)  
 O.G. Obodo, B.A. (Awka)  
 C.R. Ononugbo, B.Sc. (Enugu)  
 C.U. Onwuchuba, B.Sc. (Nigeria)  
 N.R. Uwandu, OND

#### **Awolowo Hall**

C. E. Ezema, B.Sc., M.Sc. (Nigeria)  
 C.A. Uwaegbute, B.Sc. (Nigeria)  
 S. E. Chukwu, B.Sc. (Nigeria)  
 S. A. Eze, B.A. M.Sc.  
 R. O. Ugwuanya, B.Ed.  
 K. C. Dik  
 C. U. Nwafor

#### **Balewa Hall**

E. L. Ozi]oko, B.Ed. (Nigeria)

Higher Technical Officer  
 Social Welfare Officer II  
 Higher Technical Officer II  
 Technical Officer II  
 Exec. Officer  
 Senior Data Entry Operator  
 Assistant Hall Supervisor  
 Assistant Hall Supervisor

Chief Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Higher Technical Officer II  
 Senior Hall Supervisor  
 Senior Hall Supervisor

Assistant Princ. Hall Supervisor  
 Chief Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Senior Hall Supervisor  
 Chief Cleaner Messenger  
 Senior Hall Supervisor  
 Social Welfare Officer II

Chief Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Higher Technical Officer  
 Counseling Psychology  
 Hall Supervisor

Princ. Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Assistant Hall Supervisor

Chief Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Chief Portress

Assistant Princ. Hall Supervisor

C. R. Ifeanyichukwu, B.Sc. (Nigeria)  
 D. C. Odoh, NCE  
 C. C. Isaac, NCE  
 D. C. Ekwueme

**Bello Hall**

C.C. Udeagha, B.Ed, (Nigeria)  
 R. Menakaya, B.Sc. (Nigeria)  
 C.R. Onah, HND, (IMT, Enugu)  
 R.N. Okafor, B.Sc. (Nigeria)  
 A. Ogbonna, HND  
 C.F. Okoye, NCE  
 G.C. Nnobulu, B.Sc. (Nigeria)  
 C.A. Ekwuribe  
 J. Ojoba FSLC  
 C. P. Nnodumechi  
 E. Eze

**Eni Njoku Hall**

F.U. Agbo, B.Ed. (Nigeria)  
 B.Ezeaku-Ugwu  
 C.B. Anyanwu, B.A. Ed, (Nigeria)  
 O.C. Odita  
 M.E. Ogbobe, B.Sc. (Enugu)  
 A.C. Onyekachukwu, B.Sc, (Nigeria)  
 A.C. Ugwoke, FSLC, NABTEB  
 E.Ik Onah, FSLC, WASC  
 C. Ozioko  
 C. Obinezo, Dipl. (Nigeria)  
 H. Ngwu

**Eyo Ita Hall**

Y.G. Nkwocha, B.A, MA (Nigeria)  
 C.D. Odoh  
 A.G. ILO, B.Ed. (Nigeria)  
 M.U. Okwor, B.Ed. (Nigeria)  
 P.K. Onyia  
 J.I. Echezona, NCE  
 L.N. Eze, HND  
 L.O. Attamah

**Isa Kaita Hall**

H.N. Asadu, Dip.  
 D.U. Iweh, NABTEB  
 M. N. Nwagbo  
 B. N. Ugwu, B.Sc.(Ed.) (Enugu), M.Sc.

**Mary Slessor Hall**

M. C. Ngene  
 A. O. Ozioko, B.Ed. (Nigeria)  
 I.C. Ogbu, B.Ed.  
 E. I. Kalu, OND  
 P. N. Igbo, B.Sc, (Awka)  
 N. F. Odikpo, NABTEB  
 H. U. Ewulu, B.Sc.  
 M.C. Nnanna  
 R. Ezema

**Mbanefo Hall**

R. I. Agbo, Dipl.

Assistant Princ. Hall Supervisor  
 Hall Supervisor  
 Hall Supervisor  
 Chief Portress

Princ. Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Counseling Psychologist II  
 Senior Hall Supervisor  
 Hall Supervisor  
 Assistant Hall Supervisor  
 Assistant Hall Supervisor  
 Assistant Hall Supervisor  
 Assistant Hall Supervisor  
 Assistant Hall Supervisor

Chief Hall Supervisor  
 Princ. Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Senior Hall Supervisor  
 ..Senior Hall Supervisor  
 Counselling Psychologist  
 Assistant Hall Supervisor  
 Chief Cleaner Messenger

Chief Portress  
 Senior Portress

Chief Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Higher Technical Officer II  
 Senior Hall Supervisor  
 Technical Officer  
 Hall Supervisor  
 Chief Portress  
 Senior Portress

Assistant Chief Hall Supervisor  
 Senior Hall Supervisor  
 Assistant Hall Supervisor  
 Counselling Psychologist

Princ. Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Hall Supervisor  
 Chief Portress  
 Portress  
 Porter

Chief Hall Supervisor

**Nkrumah Hall**

S.N. Onah, Dipl., B.Ed, PGD, M.Sc. (Nigeria)  
 I.O. Ukwueze,, Pitmans Typing  
 J.O. Ilukwe, Dipl., B.Ed. (Nigeria)  
 O.B. Eze, B.Sc, (Nigeria)  
 G.U. Nweri, B.Sc. (Nigeria)  
 N.V. Akobundu, Dipl., B.Sc. (Nigeria)  
 R.O. Agbo

**Odili Hall**

P.O. Onah, OND, B.Sc. (Nigeria)  
 I. J. Uzoeshi, B.Sc, (Imo)  
 I.M. Okpara, B.A. (Nigeria)  
 L.C. Okafor, B.A. (Nigeria)  
 S.N. Odo, B.Sc. (Nigeria)  
 A.U. Muodili, B.Ed. (Enugu)  
 G.A. Ezugwu  
 S.N. Kanu  
 C.F. Ugwu, B.Sc (Nigeria)

**Okeke Hall**

S.I. Ugwoke, Dipl, B.Sc., M.Sc. (Nigeria)

**Okpara Hall**

M.I. Ngwoke, Dipl. (Nigeria)  
 C.U. Oforle, B.Sc. (Nigeria)  
 H.N. Ubaka, B.Sc. (Nigeria)  
 H.G. Ezeah, B.Sc. (Nigeria)  
 E.M. Ekpo, NCE  
 V.I. Onyeukwu, Dip. (Nigeria)  
 E.O. Edozie

**Residential Hall**

G.C. Ajibo, Dipl. , (Nigeria)  
 P.C. Umah, Dipl. (Nigeria)  
 S.A. Maduabuchi, B.A. (Nigeria)  
 C.C. Eze, Dipl. (Nigeria)  
 U.A. Maduka, B.Ed. (Nigeria)  
 I.A. Uzoka, NCE  
 H.O. Chibunze  
 T.O. Onyechi  
 L. Umeugochukwu

**‘A’ – ‘C’ Block Zik’s Flat Hall**

A.C. Ekekwe,

**‘D’ Block Zik’s Flat Hall**

M. C. Omeje, Dipl. (Enugu)

**‘E’ Block Zik’s Flat Hall**

E.S. Ukwueze, NABTEB, Dipl. CA, En.C.

Chief Hall Supervisor  
 Princ. Hall Supervisor  
 Senior Hall Supervisor  
 Conselling Psychologist II  
 Assistant Hall Supervisor  
 Assistant Hall Supervisor  
 Assistant Hall Supervisor

Chief Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Chief Porter

Chief Hall Supervisor

Chief Hall Supervisor  
 Senior Hall Supervisor  
 Social Hall Supervisor  
 Senior Hall Supervisor  
 Hall Supervisor  
 Assistant Hall Supervisor  
 Assistant Hall Supervisor

Chief Hall Supervisor  
 Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Senior Hall Supervisor  
 Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Chief Portress  
 Chief Cleaner Messenger

Chief Hall Supervisor

Princ. Hall Supervisor

C.O. Ugwu, NCE FCEE  
 P.U. Ogbonna, B.Sc, (Nigeria)  
 I.G. Nwachukwu, Dipl. (Nigeria)  
 N.N. Eze

**Enugu Campus**

E. C. Moka, B.Sc., M.Sc., Ph.D. (Nigeria)  
 C. WEzewudo, B.Sc. (Uturu)  
 P. O. Emeter, HND, B.Sc. (Nigeria) MBA (Nigeria)

Princ. Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Chief Portress  
 Senior Porter

Associate Dean  
 Senior Assistant Registrar  
 Administrative Officer



T. A. Okeke, B.Sc. ( Enugu ) MBA (Nigeria)	Chief Conf. Secretary
E. N. Ojiaka, B.Sc. (Enugu), MBA (Nigeria)	Chief Exec. Officer
E. O. Oti, LL.B (Nigeria) BL, PGD (Nigeria)	Chief Exec. Officer
N. C. Ezeagwa, B.Sc. (Enugu)	Princ. Exec. Officer 1
I.O. Nsude, HND	Princ. Exec. Officer 1
C. D. Orakanma, B.Sc. (Jos)	Princ. Exec. Officer 11
N. C. Okoroafor, B.Sc. (Nigeria) M.Sc. (Nigeria)	Princ. Exec. Officer 1
N. Ucheya, HND	Senior Systems Analyst
N. D. Obi, B.Sc. (Nigeria)	Senior Data Process. Officer II
C. U. Nwachukwu, HND	Senior Exec. Officer
G. Igwedibia, B.Sc. (Enugu)	Assistant Princ. Hall Supervisor
E. O. Ude, B.Ed. (Nigeria) M.Ed. (Nigeria)	Counseling Psychologist
C. V. Madu, B.Ed. (Calabar) M.Ed. (Uturu)	Higher Technical Officer 1
A. A. Nwodu, B.Sc. (Enugu) MBA (Nigeria)	Higher Exec. Officer
C. E. Ekekwe, HND	Higher Technical Officer 11
A. I. Ude, HND (Enugu)	Senior Hall Supervisor
E. U. Nwosu, B.Sc. (Nigeria)	Higher Technical Officer II
M. N. Aniekee, B.Sc. (Enugu)	Senior Cleaner Messenger
J. Okoro, B.Sc. ( Enugu)	Assistant Princ. Hall Supervisor
U. Nnedu, B.Sc.( Enugu)	Senior Hall Supervisor
C. U. Igwe, B.Sc. (Enugu )	Senior Hall Supervisor
A. Agbata, HND ( Enugu)	Princ. Hall Supervisor
P. NAni, B.Sc. (Enugu)	Senior Hall Supervisor
G. M. Okonkwo, B.Ed. (Enugu)	Senior Cleaner Messenger
O. J. Achiuwa, B.Sc. (Nigeria), PGD ( Enugu)	Assistant Princ. Hall Supervisor
C. C. Ossai, B.Sc. Enugu	Higher Technical Officer II
S. C. Anya, HND	Senior Hall Supervisor
J. N. Okafor, BA (Nigeria)	Senior Hall Supervisor
N. J. Obiora, B.Sc. (Enugu)	Assistant Hall Supervisor
F. N. Anyalebechi, B.Sc. ( Enugu)	Assistant Hall Supervisor
I. M. Ibe, B.Sc.	Higher Technical Officer
H. N. Ugwu, B.Sc.	Higher Technical Officer
S. U. Ezeugwu, B.Sc. (Enugu)	Chief Porter
O. MAzubike, HND	Senior Hall Supervisor
C. O. Mba, HND	Assistant Princ. Hall Supervisor
R. O. Edeh, B.Sc. (Enugu)	Senior Hall Supervisor
U. N. Azubuike, B.Sc. (Enugu)	Senior Hall Supervisor
P. E. Nebo, HND B.Sc. (Enugu)	Senior Hall Supervisor
H. A. Nebo, HND (Enugu)	Senior Hall Supervisor
B. N.Ozo-Okonkwo, B.Sc.	Senior Hall Supervisor
C. I. Okoro, B.Ed.(Nigeria)	Chief Hall Supervisor
M. O. Obah, HND	Assistant Princ. Hall Supervisor
T.A.C. Umeadi, HND	Senior Hall Supervisor
O. C. Okpoko, B.Sc. (Enugu)	Senior Hall Supervisor
S. C.Ogbonn, HND	Senior Hall Supervisor
S. Akubueze, B.Sc. (Enugu)	Assistant Princ. Hall Supervisor
H. O. Egoigwe, B.Sc.	Higher Technical Officer
U. P. Udokwu, BA ((Enugu), PGD, MPA (Awka)	Higher Technical Officer II
E. A. Okonkwo, B.Sc. (Enugu)	Higher Technical Officer II
I. M. Okolo, B.Sc. (Owerri)	Higher Technical Officer II
E. C. Ozonечи, B.Sc. ( Enugu)	Assistant Princ. Hall Supervisor
P. Ozoemena, HND	Assistant Princ. Hall Supervisor
R. N. Mpama, B.Ed. (Enugu)	Senior Hall Supervisor
E. C Ilonze, HND, B.Sc. ( Enugu)	Senior Hall Supervisor

T. O. Nwabueze, B.Sc. (Awka)  
 F. P.Nnam, B.Ed. (Nigeria)  
 E. N .ze, B.Sc. (Enugu) MBA (Nigeria)  
 T. N. Uchegbu, B.Sc. ( Awka)  
 I. A. Onwu, HND  
 L. C.Ezeadikw, B.Sc. (Enugu)  
 E. J. Ilonze, B.Sc. ( Awka)  
 T. G. Onyim, B.A

Counseling Psychologist 11  
 Hall Supervisor  
 Assistant Princ. Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Higher Technical Officer  
 Senior Hall Supervisor  
 Higher Technical Officer

### **College of Medicine Ituku/Ozalla**

G.O. Ugwu, MMS (Nigeria), MPH,FWACS, FMCOG  
 F.U. Anuziem, HND (Nigeria)  
 P.O. Onwukpa, HND (Nigeria)  
 E.C.Mba, BL (Nigeria) LLB (Nigeria)  
 O.V.Ezegwui, B.Sc., (Nigeria)  
 C.Y. Oraba, B.Sc. (Nigeria)  
 G.E. Mmuo, HND  
 J.N. Eze, B.Sc. (Nigeria)  
 I.V. Kelle, B.Sc. (Nigeria)  
 P.O. Omeje, B.Sc. (Nigeria)  
 C.U Nweke, B.Sc. (Nigeria)  
 N.N. Ofoegbuna, B.Sc. (Nigeria)  
 M.A. Agu, B.Sc. (Nigeria)  
 I.A. Okechukwu, HND  
 S.C. Nwankwo, B.A (Nigeria), PGD (Nigeria)

Associate Dean/ Senior Lecturer  
 Senior Data Process. Officer II  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Senior Hall Supervisor  
 Higher Technical Officer II  
 Senior Hall Supervisor  
 Psychologist II  
 Higher Technical Officer II  
 Higher Technical Officer II  
 Higher Technical Officer II  
 Senior Hall Supervisor  
 Senior Hall Supervisor

### **University Bookstore**

O. Oditia, B.Sc. (Benin)  
 A. Eze, B.Sc. (Enugu)  
 A.O. Omakwu, B.Sc. (Makurdi)  
 I.B. Asadu, B.Sc. (Nigeria)  
 C.S. Okonkwo, HND  
 A.G. Chude B.Sc. (Nigeria)  
 T.U. Ozioko, B.A. (Nigeria)  
 G.O. Okoh, NCE

Manager  
 Assistant Manager (Enugu)  
 Accountant  
 Store keeper  
 Store Keeper  
 Supervisor  
 ICT Supervisor  
 Supervisor (Enugu)

### **University of Nigeria General Enterprises Limited (UNGEL)**

S.I. Madueme, B.Sc., PGDE, M.Sc., M.Ed., Ph.D. (Edu), Ph.D. (Econs) (Nigeria)  
 G.U Egesimba, Dip. , HCIMA (UK)  
 C. Eneh, HND (Nig)  
 R.A.O Nnadiukwu HND, ACID (Nig)  
 K. Asadu, B.Sc. (Nig)  
 N. Okonkwo, B.A. (Nig)  
 P. Nwoke, B.Sc. (Nig)  
 O. Ezema, HND (Nig)  
 C. Ugwuja, B.Sc. (Nig)  
 C. Ugwuanyi, B.Sc  
 S. Ugwu, B.Sc. (Nig)  
 N. Ugwuike, B.Sc. (Nig)  
 C.O. Onah, B.Sc. (Nig)  
 E. Emeniru, B.Ed (Nig)

Director  
 General Manager  
 Food and Beverage Manager  
 Accountant  
 Auditor  
 Business Manager  
 Front Office Manager  
 Housekeeper  
 Senior Accounting Officer  
 Audit Supervisor  
 Computer/Receptionist  
 Computer/Receptionist  
 Accounting Officer  
 Snr. Production Assistant (UNGEL  
 Tissue Factory)

**University of Nigeria Press**

F.O. Orabueze, BA (Hons), M.A, Ph.D., LLB., B.L  
R.J.C. Arazu, B.Sc. M.Sc. (Port Harcourt)

N.I. Osuagwu, Dip. HND/B.Sc. (Nigeria), PGD, M.Sc.  
I. Okafor, B.Sc. (Nigeria)  
M.U. Ogenyi, B.Sc. (Nigeria)  
O.C. Nwakwesili, B.Sc. (Nigeria)  
O. Patrick, B.Sc, PGDE (Nigeria)  
C.T. Ngobili, B.A. (Nigeria)

Managing Director  
Operations/Quality Control  
Manager  
Production Manager  
Accountant  
Marketing Officer  
Editor  
Store Keeper  
Cashier

**Water Management Resources Unit**

Mr. Chukwudozie Kingsley IK  
Mr. Okemiri Nduka  
Mr. Ibenegbu Obinna  
Mr. Ugwoke Emmanuel

Production Manager  
Accounts Officer  
Stores Officer  
Marketing/Sales Officer

**University Secondary School**

E.A. Ohaegbu  
E. Ogbannaya

C.C. Eze  
I.A.C. Okafor  
G.E. Chiegwu  
S.U. Obochi

Princ.  
Vice Princ. Admin. Head Arts  
Department  
Vice Princ. Academic  
Head, science Department  
Head, Social Science Department  
Head, Voc. Ed. Department

**Works Services Unit**

T.N. Osadebe, B.Eng. (Nigeria)  
J.S. Onyishi, B.Eng. (Nigeria)  
C. Obuekwe, B.Sc. (Nigeria)  
V.C. Ibute, HND  
I.U. Ugwu, HND  
N.C. Umuano, B.Sc. (Enugu)  
A.O. Ezeagu, HND, M.Sc. (Enugu)  
U.C. Onuoha, B.Eng. (Nigeria)  
J.S. Jeremiah, B.Sc. (Minna)  
J.O. Emenwodo, B.Eng. (Nigeria)  
F Ugwuja, B.Eng. (Nigeria)  
N.E. Eze, B.Eng. (Nigeria)  
E.C.Egwuagu, B.Tech. (Nigeria)  
M.C.N. Onyeka, B.Ed. (Nigeria)  
C.O. Asogwa, B.Sc. (Nigeria)  
C.B. Owoh, OND  
C. Onuoha, B.Eng. (Owerri)  
G.E. Mordi, HND  
A.B. Yekini HND  
F.N. Eze, B.Sc. (Enugu)  
C.J. Nwankwo, B.Eng. (Nigeria)  
I.D. Ugwuoke, B.Eng. (Nigeria)  
U.J. Okafor, B.A (Nigeria)  
N. Adamu, B.Sc. (Zaria)  
A.O.Odubiyi, HND  
C.T. Nnaji. B.Sc. (Abia)  
C.V. Agu, HND

Director  
Deputy Director  
Chief Exec. officer  
Chief Technical Officer  
Chief Technical Officer  
Princ. Exec. Officer  
Princ. Technical Officer  
Princ. Engineer  
Princ. Engineer  
Princ. Engineer  
Chief Works Supervisor  
Senior Engineer  
Senior Estate Officer  
Chief Exec. Officer  
Senior Exec. Officer  
Trainee Programmer  
Engineer I  
Higher Technical Officer I  
Higher Technical Officer II  
Higher Technical Officer II  
Engineer II  
Engineer II  
Higher Technical Officer II  
Higher Technical Officer II  
Higher Technical Officer II  
Higher Technical Officer II  
Higher Technical Officer II

K.O. Ugwueze, B.Eng. (Nigeria)	Engineer II
F.N. Omeje, B.Eng. (Nigeria)	Engineer II
H.U. Nze, B.A (Nigeria)	Works supervisor
M.C Chibunze, B.Ed. (Nigeria)	Chief Sewage Attendant
L.N. Onah, HND	Senior Craftsman
G.O. Ndukwe, B.Sc. (Nigeria)	Higher Technical Officer II
V.U. Achime, B.Sc. (Enugu)	Higher Technical Officer II
F.O. Ike, B.Eng. (Awka)	Engineer II
E.E. Akuezulo, B.Eng. (Awka)	Engineer II
V.C Chiemela, B.Eng. (Nigeria)	Engineer I
K.T. Ezugwu, B.Sc. (Enugu)	Higher Technical officer II
F.N. Omeje, B.Eng. (Nigeria)	Engineer II
F. Ugwuja, B.Ed. (Nigeria)	Chief Works Superintendent
K.C. Chime, B.Eng, (Port Harcourt)	Princ. Engineer
K.U. Attajah, HND	Senior Technical Officer

## Chapter 6

### Degrees and Diplomas

Degrees and diplomas granted by the University are under the authority of the Senate of the University. The following degrees and diplomas may at present be granted:

<b>1</b>	<b>Faculty of Agriculture</b>	
	Bachelor of Agriculture	B.Agric.
	Bachelor of Science	B. Sc.
	Master of Science	M.Sc.
	Doctor of Philosophy	Ph.D.
	Doctor of Science	D.Sc.
<b>2</b>	<b>Faculty of Arts</b>	
	Bachelor of Arts	B.A.
	Master of Arts	M.A.
	Master of Fine Arts	M.F.A.
	Doctor of Philosophy	Ph.D.
	Doctor of Music	D.Mus.
	Doctor of Letters	D.Litt.
	Diploma of Music Education	
<b>3</b>	<b>Faculty of Biological Sciences</b>	
	Bachelor of Science	B.Sc.
	Master of Science	M.Sc.
	Doctor of Philosophy	Ph.D.
	Doctor of Science	D.Sc.
<b>4</b>	<b>Faculty of Business Administration</b>	
	Bachelor of Science	B.Sc.
	Master of Business Administration	M.B.A.
	Master of Science	M.Sc.
	Doctor of Philosophy	Ph.D.
<b>5</b>	<b>Faculty of Education</b>	
	Bachelor of Arts	B.A. Ed.
	Bachelor of Science	B.Sc.Ed
	Master of Education	M.Ed.
	Doctor of Philosophy	Ph.D.
	Doctor of Letters	D.Litt.
	Diploma in Health & Physical Education	
	Diploma in Adult Education	
<b>6</b>	<b>Faculty of Engineering</b>	
	Bachelor of Engineering	B.Eng.
	Master of Engineering	M.Eng.
	Bachelor of Science	B.Sc.
	Master of Science in Engineering	M.Sc. (Eng.)
	Doctor of Philosophy	Ph.D.
	Doctor of Science	D.Sc.
<b>7</b>	<b>Faculty of Environmental Studies</b>	
	Bachelor of Architecture	B.Arch
	Bachelor of Science	B.Sc.
	Master of Science	M.Sc.
	Master of Architecture	M.Arch.
	Bachelor of Urban and Regional Planning	BURP
	Master of Urban and Regional Planning	MURP
	Doctor of Philosophy	Ph.D.
	Doctor of Science	D.Sc.

<b>8</b>	<b>Faculty of Health Sciences &amp; Technology</b>	
	Bachelor of Science	B.Sc.
	Bachelor of Medical Laboratory Sciences	B.M.L.S
<b>9</b>	Master of Science	M.Sc.
	<b>Faculty of Law</b>	
	Bachelor of Law	LL.B.
	Master of Law	LL.M.
<b>10</b>	Doctor of Philosophy	Ph.D.
	<b>Faculty of Health Science &amp; Technology</b>	
	Bachelor of Medicine	B.M.
	Bachelor of Surgery	B.S.
	Bachelor of Dentistry	B.D.
	Master of Science	M.Sc.
	Doctor of Philosophy	Ph.D.
<b>11</b>	Doctor of Medicine	D.M.
	<b>Faculty of Pharmaceutical Sciences</b>	
	Bachelor of Pharmacy	
		B.Pharm.
	Master of Pharmacy	
		M.Pharm.
	Master of Science (Pharmacy)	M.Sc.
<b>12</b>	Doctor of Philosophy	Ph.D.
	<b>Faculty of Physical Sciences</b>	
	Bachelor of Science	B.Sc.
	Master of Science	M.Sc.
	Doctor of Philosophy	Ph.D.
<b>13</b>	Doctor of Science	D.Sc.
	<b>Faculty of the Social Sciences</b>	
	Bachelor of Science	B.Sc.
	Master of Arts	M.A.
	Master of Science	M.Sc.
	Doctor of Philosophy	Ph.D.
	Doctor of Divinity	D.D.
	Doctor of Science	D.Sc.
	Diploma in Religious Studies	
	Diploma in Social Work	
<b>14</b>	Diploma in Local Government and Public Administration	
	<b>Faculty of Veterinary Medicine</b>	
	Doctor of Veterinary Medicine	D.V.M.
	Diploma in Veterinary Science	

**Entry Requirements**

University of Nigeria, Nsukka requires all candidates applying for admission into any of its courses to possess five credit "O" level passes which must include a credit pass in English Language and a Science subject in not more than two sittings.

Entry requirement for Direct Entry must include UTME requirement for that particular course.

Prospective candidates for the University of Nigeria should also visit its website: [www.unn.edu.ng](http://www.unn.edu.ng) for updates on both University and Departmental Entry requirements.

**The acceptable Science subjects are:**

1. Additional General Science	14. Human Biology
2. Additional Mathematics	15. Hygiene and Psychology
3. Agricultural Science	16. Integrated Science

4. Applied Mathematics	17. Mathematics
5. Biology	18. Physics
6. Botany	19. Physics with Chemistry
7. Chemistry	20. Pure and Applied Mathematics
8. Food and Nutrition	21. Rural Biology
9. Food Science	22. Rural Science
10. General Biology	23. Statistics
11. General Science	24. Zoology
12. Geology	25. Geography

<b>The acceptable Arts subjects are:</b>	<b>The acceptable Social Science subjects are:</b>
1. English Language	1. Economics
2. Literature in English	2. Commerce
3. History	3. Government
4. Fine & Applied Arts	4. Geography
5. French	5. Principles of Account
6. Igbo	
7. Other Nigerian Languages	
8. Music	
9. Christian Religious Studies	
10. Islamic Religious Studies	

## Chapter 7

### Regulations Governing Admission into Degree and Non-Degree Programmes

#### A. General Entry Requirements

1. Age Limit  
No person under the age of sixteen years may be admitted to the University as a student.
  2. Admission Requirements  
There are three alternative methods of admission into the University, namely:
    - (i) Admission by Entrance Examination (Through J.M.E) - University by Entrance examination:
      - (a) Holders of the School Certificate or the General Certificate of Education Ordinary Level with credit level passes (Grades 1-6) in five subjects including an approved Science subject (see Appendix A) obtained at not more than two sittings. Such candidates must possess at least a pass in English Language.
      - (b) Holders of the School Certificate or the General certificate of Education Ordinary Level with not less than three credit passes obtained at one sitting plus the Teachers' Grade II Certificate with at least two merit passes. Passes in the above examination must include credit in the case of SC/GCE 'O' Level or merit (in the case of TC II) in an approved Science subject. Such candidates must possess at least a pass in English Language:  
*Note:* Merit pass in a Federal subject in TC II is equivalent to Credit level pass in School Certificate or General Certificate of Education.
      - (c) Holders of educational qualifications set out in 2(ii) (a) -(e) below. Such candidates on admission will be enrolled for the same degree programme (including the length of the course) as candidates with qualification set out in 2(i)(a)and(b) above.
    - (ii) Admission by Direct Entry:
      - (a) Holders of the School Certificate/GCE Ordinary Level and the Higher School Certificate/GCE Advanced Level with passes in two subjects at Principal or Advanced Level together with passes at subsidiary or credit level in three other subjects;
      - (b) Holders of the School Certificate/GCE Ordinary Level and the Higher School Certificate/GCE Advanced Level with passes in three subjects at Principal or Advanced Level together with a pass in one other subject at subsidiary or credit level;
      - (c) Holders of the Higher School Certificate/GCE Advanced Level with passes in four subjects at Principal Level. The number of passes indicated in 2(ii)(a)-(c) above should be obtained at not more than two sittings;
      - (d) Holders of the School Certificate or its equivalent with at least four credit level passes and a pass in English Language plus approved 2-year Diploma(see Appendix B for list of Diplomas acceptable for related Courses);
      - (e) Holders of post-secondary qualifications beyond the levels of 2(ii) (a)-(c) above. Such qualifications include degree and diplomas of this and other Universities or Institutions recognized by the University (se Appendix C);
      - (f) Holders of the Diploma in Music Education of this University with the degree programme in Music;
      - (g) Holders of the Nigeria Certificate in Education (NCE), with at least a Merit aggregate; plus a minimum of credit pass in the subject to be combined with Education are eligible for admission into the two-year degree programme in Education.
    - (ii) Admission by Transfer (Direct application to the University and not through the Joint Admissions and matriculation Board-JAMB):  
Candidates applying for transfer admission into the University of Nigeria will be required among other things:
      - (a) to purchase and complete the prescribed Application Form obtainable from the office of the Registrar (Admissions) University of Nigeria, Nsukka;
      - (b) To hold the minimum entry qualifications for admission into the University of Nigeria and Departmental entry requirements, prior to entry into the University from where they are seeking transfer;
      - (c) to be prepared to continue with the same courses as they were pursuing in the University from where they are seeking transfer;
      - (d) To have made normally a minimum cumulative grade point average of 2.75.
- Note:* Students expelled or suspended from their Universities for acts of misconduct are not eligible for admission into the University of Nigeria. In addition to the minimum entry requirements outlined in 2(i) to 2(ii) above, candidates must also satisfy such Faculty/Departmental entry requirements set out for the Faculty/Department concerned.

#### B. Specific Entry Requirements (see Departments)

##### Appendix A

List of Science Subjects Approved for the purposes of Admission through the Entrance Examinations:

1 Additional General Science	9 Food and Nutrition	17 Integrated Science.
2 Additional Mathematics	10 General Biology	18 Mathematics
3 Agricultural Science	11 General Science	19 Physics
4 Applied Mathematics	12 Geography	20 Physics with Chemistry
5 Biology	13 Geology	21 Pure and Applied Mathematics
6 Botany	14 Health Science	22 Rural Biology
7 Chemistry	15 Human Biology	23 Rural Science
8 Food and Science	16 Hygiene and Physiology	24 Statistics
		25 Zoology



**Appendix B**

Two-year diplomas/certificates approved for direct entry admission to be combined with credit level passes in four subjects and a pass in English language in school certificate or its equivalent:

<b>No.</b>	<b>Diploma/Certificate</b>	<b>Faculty/Department</b>
1	Diploma in Adult Education and Community Development	Adult Education
2	Diploma in Agriculture	Agriculture, Agric. Education
3	Diploma in Business Studies Accountancy Business Administration or Marketing	Accountancy, Finance, Management, Marketing, Business Education
4	Diploma in Health and Physical Education	Health & Physical Education, Psychology & Adult Education
5	Diploma in Igbo or Diploma in Translation and Interpreting	Linguistics and Nigerian Languages
6	Diploma in Library Science	Library & Information Science
7	Diploma in Local Government of the University of Nigeria	Adult Education
8	Diploma in Mass Communication of the University of Nigeria	Mass Communication
9	Diploma in Public Administration of the University of Nigeria	Adult Education, Edu/Government, Political Science
10	Diploma in Religious Studies	Religion, Archaeology, Adult Education, Education/Religion, Psychology, and Linguistics and Nigerian Languages
11	Diploma in Social Development and Administration	Soc/Anthropology, Social Work & Community Development
12	Diploma in Social Work and Community Development	Sociology/Anthropology, Social Work & Community Development and Psychology
13	Intermediate Chartered Institute of Secretaries	Related Departments
14	Intermediate, Associate of the Corporations of Certified Accounts	Related Departments
15	National Diploma (ND)	Related Departments (if applicable)
16	Other equivalent Diplomas/certificates which may be	Related Departments (if recognized by this applicable) University

**Appendix C**

Three-year diplomas/certificates that qualify candidates for direct entry admission (under 2 (II))

<b>No.</b>	<b>Diploma/Certificate</b>	<b>Faculty/Department</b>
1	Diploma in Animal Health & Husbandry	Veterinary Medicine, Food Science & Technology
2	Final Diploma of Institute of Chartered Accounts of Nigeria (ICAN)	Accountancy
3	Diploma in Music Education	Music/Education, Music
4	Associate Member of Library Association	Library & Information Science
5	Associate Chartered Institute Secretaries (ACCS)	Accountancy, Management, Finance and Marketing
6	Associate Institute of Insurance	Accountancy, Management, Finance and Marketing
7	Associate of the Institute of Bankers	Accountant, Management, Finance and Marketing
8	The Interim Joint Matriculation Board (IJMB)	Related Departments
9	International Baccalaureate (A/L Subject)	Related Departments
10	Higher National Diploma (HND)	Related Department
11	Nigerian Defence Academy Certificate	Related Department
12	(National) Technical Teachers' Certificate (N) T.T.C.	Business Education
13	Nigerian Certificate of Education (NCE)	Related Departments
14	Full Certificate City & Guilds or WAEC Technical Advanced	Industrial Technical Education
15	Royal Military Academy Certificate, Sandhurst England	Related Department
16	Certificate of Registered Nurse-RN or SRN Nigeria Registered Nurse (NRN)	B.Sc. Nursing, Nutrition & Dietetics, Home Science
17	Diploma in Theology of the following institutions – University of London; Bigard Memorial Seminary, Enugu; Trinity College, Umuahia; SS Peter & Paul Major Seminary, Ibadan; Theological College of Northern Nigeria, Bukuru; St. Augustine's Major	Religion

- Seminary, Jos; Emmanuel College, Ibadan; Trinity College, Legon, Ghana; West Africa Association of Theological Institutions
- 18 Diploma in Philosophy Philosophy
- 19 Other equivalent Diplomas/Certificates which may be recognized by this University

**Duration of Degree Programmes****Faculty/Department****Minimum Length**

Entrance Candidates	Direct Entry Candidates
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**Faculty of Agriculture**

Agricultural Economics	5 years	4 years
Agricultural Extension	5 years	4 years
Animal Science	5 years	4 years
Crops Science	5 years	4 years
Food Science & Technology	5 years	4 years
Home Science & Nutrition	5 years	4 years
Soil Science	5 years	4 years

**Faculty of Arts**

Archaeology	4 years	3 years
Dramatic Arts	4 Years	3 years
English	4 years	3 years
Fine and Applied Arts	4 years	3 years
History	4 years	3 years
Foreign Languages & Literatures	4 years	3 years
Linguistics & Nigerian Languages	4 years	3 years
Mass Communication	4 years	3 years
Music	4 years	3 years
B.A. Combined	4 years	3 years

**Faculty of Biological Sciences**

Biochemistry	4 years	3 years
Botany	4 years	3 years
Microbiology	4 years	3 years
Zoology	4 years	3 years
Combined Biological Sciences	4 years	3 years

**Faculty of Basic Medical Sciences**

Human Anatomy	4 years	3 years
Medical Biochemistry		
Human Physiology	4 years	3 years

**Faculty of Business Administration**

Accountancy	4 years	4 years
Banking & Finance	4 years	4 years
Management	4 years	3 years
Marketing	4 years	4 years

**Faculty of Education**

Adult Education and Extra-Mural Studies	4 years	3 years
Education	4 years	3 years
Health and Physical Education	4 years	3 years
Library Science	4 years	3 years
Vocational Teacher Education	4 years	3 years

**Faculty of Engineering**

Agricultural Engineering	5 years	4 years
Civil Engineering	5 years	4 years
Electrical Engineering	5 years	4 years
Electronic Engineering	5 years	4 years
Mechanical Engineering	5 years	4 years
Metallurgical and Materials Engineering	5 years	4 years

**Faculty of Environmental Studies**

Architecture	6 years	5 years
Estate Management	5 years	4 years
Surveying, Geodesy and Photogrammetry	5 years	4 years
Urban and Regional Planning	4 years	3 years

**Faculty of Health Sciences & Technology**

Medical Laboratory Sciences	4 years	3 years
Medical Rehabilitation	4 years	3 years

## *Regulations Governing Admission*

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Nursing Sciences	4 years	3 years	
Radiography	4 years	3 years	
<b>Faculty of Law</b>			
Regular Programme	4 years	3 years	
Evening Programme	5 years		
<b>Faculty of Medical Sciences &amp; Dentistry</b>	6 years	5 years	
<b>Faculty of Pharmaceutical Sciences</b>	5 year	4 years	
<b>Faculty of Physical Sciences</b>			
Computer Science	4 years	3 years	
Geology	4 years	3 years	
Mathematics	4 years	3 years	
Physics and Astronomy	4 years	3 years	
Pure and Industrial Chemistry	4 years	3 years	
Statistics	4 years	3 years	
Combined Physical Sciences	4 years	3 years	
<b>Faculty of the Social Sciences</b>			
Economics	4 years	4 years	
Geography	4 years	4 years	
Philosophy	4 years	3 years	
Political Science	4 years	4 years	
Psychology	4 years	3 years	
Religion and Cultural Studies	4 years	3 years	
Sociology/Anthropology	4 years	3 years	
Combined Social Sciences	4 years	3 years	
<b>Faculty of Veterinary Medicine</b>	6 years	5 years	
<b>Faculty of Vocational &amp; Technical Education</b>			
Agriculture Education	4 years	3 years	
Business Education	4 years	3 years	
Computer Education	4 years	3 years	
Home Economics Education	4 years	3 years	
Technical Industrial Education	4 years	3 years	2 years

### **Regulations on Occasional Students**

#### **1. Classification**

The following may be regarded as occasional students of the University:

- (a) Postgraduate students registered for the degree of other Universities, who are working full-time within the University or attached to the University for their field work.
- (b) Postgraduate students resident at the University, or attached to the University in some other capacity, who are working part-time for the degree of other Universities.
- (c) Undergraduates of other Universities who, by special arrangement with the University are spending part of their undergraduate careers in the University. Such students include those enrolled under the Junior Year Abroad programme.
- (d) Casual students either at undergraduate or postgraduate level, wishing to audit courses of the University for a period of one year or less and do not have any degree, certificate or diploma in view.

#### **2. Method of Admission**

- (a) Applications for recognitions as an occasional student may be made either directly to the Registrar, or through the relevant Head of Department or the relevant Dean of Faculty.
- (b) Subject to the approval of Senate on the recommendation of the appropriate Faculty Board, the admission of an occasional student shall be made after the University shall have been satisfied.
  - (i) of the prospective occasional student's academic, financial and personal standing;
  - (ii) that the academic facilities, which the prospective occasional student requires are currently available and may be used without detriment to their use by regular students of the University, and
  - (iii) that the admission of the candidates as occasional student does not constitute an abuse of University facilities and that the student will not use the opportunity to prepare for pre-University examinations.

A person enrolled as an occasional student must have qualifications similar, or equivalent, to the minimum entry requirement of the University for the particular courses for which the occasional student is admitted.

#### **3. Fees**

Occasional students admitted under these regulations will be required to pay the same sessional fees, or part thereof, as regular students of the University at the appropriate level. The fee structure for non-Nigerian regular students applies for occasional students that are not Nigerians. A copy of the approved fee structure for all category of students may be obtained from the Bursar in the Students Account Unit.

**4. Facilities**

As much as possible, occasional students admitted under these regulations, will enjoy the same facilities as regular students, except that in the allocation of residential accommodation, categories 1 (a), (b), and (d) above will have low priority.

**5. University Examinations**

Occasional students will not be admitted to formal examinations of the University.

**6. Undertaking**

Any student admitted under these regulations shall, on entry to the University, sign an undertaking

1. to deposit in the University Library, a copy of any theses, dissertation, articles, or monographs, or any other material which he shall produce on the basis of his study at the University;
2. to acknowledge the assistance of the University in the text of any such works.



The Executive Governor, Enugu State, Rt. Hon. Ifeanyi Ugwuanyi giving a Convocation Lecture.

## Chapter 8

### Academic Regulations

#### 1. ACADEMIC PROGRAMMES

##### 1.1 Structure of Academic Programmes

Each department shall be required to divide its academic programme into four parts:

Major courses

Required ancillary courses

General Studies courses

Electives

Major courses are defined as compulsory courses in the student's main field of study.

Required ancillary courses are compulsory courses in related or relevant fields.

Electives are non-compulsory courses within or outside the student's department.

General Studies courses are compulsory courses outside the student's main field of study designed to give him/her the basic principles of all major fields of knowledge as they exist in inter-relationship.

##### 1.2 Review of Academic Programmes

A programme, once approved shall be allowed to remain in force for the duration of the course, i.e. until a set of student registered under that programme has graduated.

*Senate shall order a review of the teaching and research facilities in a department, the departmental staff needs, programmes, teaching methods, performance of students and other innovations in the department every ten years.*

##### 1.3 Duration of academic Programme

For each normal degree/ diploma/ certificate programme an extension of not more than 50% (to the nearest whole number) of the normal period shall be allowed for the completion of the programme. The maximum period allowed for the various programmes is as illustrated below:

Normal Duration	50% Allowable (to the Nearest whole number) (In Years)	Maximum Period(In Years)
1	1	2
2	1	3
3	2	5
4	2	6
5	3	8
6	3	9

A student who is unable to complete the programme within the maximum extended period shall be required to withdraw from the University permanently.

#### General Studies Programme

In order to qualify for the award of degree/ diploma/ certificate in the University, all students are required to register and obtain a passing grade in the General Studies courses as follows:

1. G.S. 101 and 102 are compulsory for all degree and diploma students.
2. Students admitted by university Matriculation Examination (UME) are required to take six out of the eight G.S courses.
  - i. Students admitted into the Faculties of Business Administration and the Social Sciences may drop G.S. 103 and 104 (Social Sciences)
  - ii. Students admitted into the Faculties of Arts and Law may drop G.S. 207 and 208 (Humanities).
  - iii. Students admitted into Faculties of Agriculture, Veterinary Medicine, Medicine, Biological Sciences, Engineering, Health Sciences and Technology, Pharmaceutical Sciences and Physical Sciences may drop G.S. 105 and 106 (Natural Science).
  - iv. Student admitted into the Faculty of Education may drop any of the G.S. courses as may be recommended by the Faculty Board of Education.
3. All Direct Entry students take a minimum of two Computer Science courses which include G.S. 101 and 102 (The Use of English)
4. All students must take a minimum of two Computer Science courses as a compulsory requirement for graduation, in accordance with NUC prescription.

## 2.0. Regulations Relating To Degree/Diploma/Certificate Programmes

### 2.1 Registration

*Students shall register semester by semester.* This will enable the result of the examinations taken in each semester to be published before registration commences in corresponding semester in the following session.

2. The maximum period allowed for registration of courses is two weeks from the date registration begins for returning students.
3. A returning student who fails to register during the two-week period approved for registration shall be deemed to be late and shall pay a late registration fee of N500.00 (Five Hundred Naira).
4. A returning student who fails to register within four weeks from the date of registration shall not be allowed to register for the semester. Such student shall be deemed not to have registered for the semester and shall have lost the opportunity to register for the semester.
5. A freshman who fails to return his/her registration form for registered semester courses within two weeks after matriculation date, shall be charged late registration fee of N500.00 (Five Hundred Naira). If he/she fails to return the registration form within four weeks after matriculation, the freshmen shall be deemed not to have registered for the semester and shall have lost the opportunity to register for the semester.
6. A class Admit Card with a passport photograph attached to the top right of the card, shall be photocopied and, thereafter, duly completed for each course a student registers in his/her course registration form. The duly validated (photocopied) Class Admit Photo Card, shall, thereafter, be submitted to the Head of Department offering the course. A course registration list shall be prepared by the Head of Department from the Class Admit Photo Cards.
7. A student whose name is not on the course registration list of a particular course shall not be permitted to attend lectures and take examination in that course.
8. No student shall be allowed to register at any time in his/her programme any final year or non-final year courses he/she has already passed. 13.
9. Course Registration Form mutilated by a student shall not be accepted for Registration.
10. Students shall not hand-carry any registration materials including Add and Drop Cards from one officer to the other. All registration materials shall move from one functionary to another in the usual official process.
11. Deans of Faculty/Heads of Department shall ensure that registration exercise is completed within the given period and that academic advisers maintain effective contact period when students can see them for advice.
12. All registration material- Course Registration Forms and Add and Drop cards- shall be forwarded by the Department/Faculties to the Registrar's Department not later than six weeks from the date registration begins.

### 2.2 Class Period and Attendance

Classes are expected to begin on the hour and end ten minutes before the next hour. Seminars and laboratories shall, however, continue as long as scheduled. Attendance at lectures, practicals and examinations is mandatory. No student shall be allowed into a class unless he/she has been properly registered for the course and his/her name is on the official class list for that course.

### 2.3 Semester Credit Unit Load

#### 1. Minimum and Maximum Credit Unit Load

The student credit unit load for any shall be between 15 and 24, in accordance with NUC guidelines. The exact credit load a student carries within this range shall be worked out by the student's academic adviser with the approval of the Head of Department and Dean of faculty.

#### 2. Registering Failed Courses

Subject to the limitations on semester credit unit (2.3.1) above, and duration of the degree programme (section 1.3) above a student shall be allowed to register a failed course at the appropriate semester. In doing so, the student shall first enter the course(s) he/she was unable to pass in the previous year before registering courses for the current year of study.

#### 3. Sitting for Failed Courses as an External Candidate.

A final year student, who after his/her examinations has a CGPA of 1.0 and above may be permitted to sit for failed courses only up to a maximum 14 credit units per semester, as an external candidate, without registering formally as a regular student the following session. He/she shall, however, inform the Registrar in good time through his/her Head of Department of his/her intention to register the course(s) as an external candidate. Courses registered and passed in the final year shall not be repeated by the student as external candidate.

#### 4. Condition for Repeating a Semester

A final year student who fails in more than 14 credit units per semester shall register a minimum of 15 credit units per semester as a regular student and pay the necessary fees.

#### 5. Minimum Credit Units Required for Graduation

The absolute minimum aggregate credit unit required for graduation is as follows:

- 6 year standard programme 180 units
- 5 year standard programme 150 units
- 4 year standard programme 120 units
- 3 year standard programme 90 units
- 2 year standard programme 60 units
- 1 year standard programme 30 units

### 2.4 Auditing of Courses

#### 1. Regular Students

This category of students of the University may audit any course provided permission is obtained from the lecturer and the Head of the Department offering the course.

#### 2. Occasional Students

i. These may include:

- a. Researchers, staff spouses, undergraduates of other universities, (including those enrolled under the junior year abroad programme who, by special arrangement with the university are spending part of their undergraduate careers in the university).
- b. Casual students wishing to audit courses at undergraduate level in the university for a period of one year or less, who possess the minimum entry requirement and who do not have any degree certificate or diploma in view.

ii. Occasional students shall be permitted to register and audit courses provided that they:

- a. Make applications either directly to the Registrar or through the relevant Head of Department or the relevant Dean of Faculty;
- b. Pay appropriate fees;
- c. Are not admitted to formal examinations of the University.
- d. To deposit in the University Library, a copy of any these, dissertations, articles, or monographs, or any other material, which he/she shall produce on the basis of his/her study at the University;
- e. To acknowledge the assistance of the university in the text of any such works.
- f. Any other requirements shall be referred to the Entrance Board of the University.

### 2.5 Adding/Dropping of Course(s)

1. A student who wishes to add or drop a course (s) shall do so not later than five weeks the date registration begins.
2. A student may use an Add and Drop card duly completed to effect amendment in his/ her registration on payment of N300.00 (three hundred Naira) for each Add and Drop Card.

### 2.6 Change of Degree Programme

1. Normally, a student shall not be allowed to change his/her degree programme until he/ she has completed at least one full academic year in the University. Official application forms for any change of degree programme may be obtained from the Registrar's Office after paying the prescribed fee.
2. Where a student is permitted to change his/her degree programme, the change may prolong the length of time he/she will stay in the University.
3. Courses taken in former departments which are relevant to the new department, including the General Studies courses, shall be credited to him/her regardless of attainment in such courses. The remaining courses shall appear in the students official academic records but shall not be taken into account in determining the student's cumulative grade point average for graduation. The responsibility to decide on the relevant or otherwise of the courses already taken shall rest with the Head of the new department.

## 3.0 Regulations on University Examination

### 3.1 Introduction

Subject to such condition as may be prescribed by or under the provision or regulation of the university of Nigeria Degree, Senate shall exercise the following powers and perform the following functions:-

1. Arrange for the holding of examinations.
2. Appoint examiners for such examinations and down conditions.
3. Publish the results thereof.

4. Recommend to Council candidates for diploma, degree, and other academic distinctions.
5. Ensure maintenance of proper standard of examination and security of the papers and scripts.
6. Advise the Council regarding examination fees.

### **3.2 Eligibility**

1. No student shall be eligible for any examination unless he/she has fulfilled the relevant conditions laid down in the Academic Regulations.
2. Students who have not reached 75% class attendance in a course shall normally not qualify to take examinations in the course.
3. Attendance at any university examinations may be stopped at any stage by Senate or the Vice-Chancellor in accordance with University Statutes.
4. Lecturers must satisfy themselves that any student appearing for any end of semester examination in any course has the continuous assessment record in that course.

#### **5. Failure to sit an examination:-**

- i. Any student prevented from sitting any of semester examination on account of ill-health shall, within 48 hours from the date of the examination in the said course(s), submit a medical certificate from the Director of the University Medical Centre to the Registrar through the Head of his/her Department.
- ii. Any student prevented from sitting any end of semester examination for reasons other than ill-health shall report to the Registrar through the Head of Department in writing before the examination, giving details of the reasons for his or her absence from the examination. Where this is not possible, the report shall be submitted within 48 hours after the examination.
- iii. Where the conditions stipulated in 5(i) and (ii) above have been satisfied and/or approved, the student shall be required to re-register the course(s) at the next appropriation semester.

Where a student fails to sit any of semester examination in any course(s) without valid reasons as stipulated in 5(i) and (ii) above, the student's continuous assessment record shall be used to return an appropriate grade for him/her in the said course(s).

### **3.3 Examination Time Table**

1. Faculty/Departmental courses which are not service courses may be examined at the end of lectures at the discretion of the lecturer.
2. Faculty/Departmental courses which are service courses may be examined in accordance with the examinations time-table prepared by the registrar.
3. All lectures (applicable to 2 above) shall end at least one week before the first day of the semester examinations.
4. For all semester examinations, a student shall as far as practicable, not be required to take more than two papers within a period of 24 hours. As far as practicable also, final year students shall not be required to take more than one paper in their major area within a period of 24 hours.
5. The semester examination time-table shall be arranged in the following order:
  - i. Departmental courses
  - ii. GS Courses
  - iii. Inter-faculty Courses
  - iv. Intra-Faculty Courses
6. The Registrar shall produce an examination time-table for 5(ii), (iii) and (iv) above and circulate to all departments not later than one month before the commencement of each semester examination.
7. No changes in the time-table shall be entertained without the approval of the registrar.

### **3.4 Establishment of Board of Examiners**

1. Each department shall have a board of examiners with the Head of Department as its chairman. The Departmental Board of Examiners shall consist of not more than and not less than two members appointed by senate.
2. Each Department Board of Examiners shall be appointed by Senate, on the recommendation of the Departmental Board through the relevant Faculty Board.
3. Persons so appointed shall, thenceforth, be responsible to senate.
4. For the faculties of law, Medical Sciences Dentistry, Pharmaceutical Science and Veterinary Medicine, recommendation of the faculty Board. The Dean shall be its chairman.
5. The appointment of the Department/Faculty Board of Examiners shall be done yearly.
6. Special members may be co-opted into Departmental/Faculty Board of Examiners to enable the Board handle special cases.

### **3.5 External Examiners**

#### **1. Appointment**



- i. Every degree programme offered by a department shall attract in any year, one External Examiner who shall be appointed by Senate on the recommendation of the Departmental and the Faculty Boards.
- ii. Every department examining more than 300 students in any programme in a particular year shall be allowed one extra External Examiner.
- iv. Every department submitting nomination for the appointment of External Examiners shall indicate the number of final year courses to be examined and the number of candidates in each course.
- v. Normally, departments shall recommend academics working in approved universities for appointment as External Examiners.
- vi. If, for some reasons, a department finds it necessary to nominate an External Examiner from outside the university system, it must satisfy the Senate that there is no other person within the system of higher or comparable academic standing for the job. In addition, the Department shall be required to provide Senate with detailed information about the nominee's research and other relevant qualifications.
- vii. If, for some reasons, a department finds it necessary to nominate an external examiner from outside the university system, it shall also nominate a second external examiner of lower academic standing from within the university system to serve jointly with the person nominated from outside the university system.

## **2. Functions**

- i. The External Examiner shall see all final year or professional examination question papers before the examination and shall send any comment on them to Head of Department.
- ii. The External Examiner shall mark or remark all such portions of candidates' scripts as he/she deems fit.
- iii. The External Examiner shall participate in the determination of the results of the final year or professional examinations and the final grade shall be approved at a meeting of the Departmental Board of Examiners at which the External Examiner shall normally be present.
- iv. The External examiner shall be required to submit to the Vice-Chancellor, a report on the result of the examination together with general comments on the work of the department.

## **3. A person appointed as an External Examiner shall satisfy the following three conditions-**

- a. Must external to the university;
- b. Must have had adequate experience in the university academic work;
- c. Must have high academic standing.

## **3.6 Setting of Examination paper**

1. Each lecturer shall be required to submit as directed by the Department/faculty Board of Examiners, questions for the proposed examination paper for each course taught, to the Department /Faculty Board of Examiners through the Head of Department. Only one copy of such questions shall be submitted to the Department/Faculty Board of Examiners who shall determine, if necessary which of the questions submitted by the lecturers shall appear on each examination paper. The Board also shall have the right to alter the wording of each of the questions in consultation with the lecturer concerned.
2. Question papers for first and second semester examinations in final year courses shall be submitted to the external Examiner for moderation.
3. Where the External Examiner is local, only one copy of the question paper shall be produced.
4. Where the external examiner is not readily accessible, a second copy of the question paper shall be produced by the head of Department and forwarded to the External Examiner with instructions to destroy it after sending his/her comments to the Head of Department.

## **3.7 Conduct of Examinations**

1. The arrangements for invigilation within each Faculty shall be the responsibility of the Faculty board. These arrangements include the selection of suitable examination rooms, the selection of invigilators and the positioning of students in each examination room.
2. Invigilators shall be drawn from the academic and senior administrative and technical staff of the University.
3. There shall be at least, two invigilators in any one examination room/hall.
4. The University shall supply printed answer books for all examinations. Each answer book shall be serially numbered and validated by registrar's office and handed to the invigilator.
5. Departments shall produce the list of candidates eligible to take the examination in each course. The list shall contain the names, registration numbers of every candidate, the candidate's department and a space for the signature of every candidate.

6. The list of candidates for each examination shall be made available to the invigilators.
7. Students shall use their registration numbers as their examination numbers.
8. No paper, including blotting paper, shall be brought into the examination room by any candidate. Candidates shall normally enter the examination room only with pen, ink, pencil, eraser, ruler and other equipment such as mathematical instruments and mathematical tables, which they are specially authorized to bring to the examination hall. This does not prevent any department from setting an open-book examination. Invigilators shall draw the attention of candidates to this regulation at the start of each paper.
9. No candidate shall normally be allowed to leave the examination hall within the first 30 minutes of any examination, or to enter the examination hall after 30 minutes.
10. Smoking is not allowed in the examination room.

### **3.8 Procedure for Invigilating Examination**

#### **1. Before the examination**

- i. About ten minutes before the examination is due to begin, screen the candidates thoroughly before admitting them into the examination room. Preliminary formalities such as making of announcements can then be completed on time before the issuing of examination materials to students.
- ii. Remind candidates that it is an offence to take into the examination room any authorized books, notes or manuscript.
- iii. Announcement that the attendance list of candidates is to be completed during the examination. No students shall leave the examination room without completing the register.
- iv. Issue the question papers without delay. Candidates who are uncertain which paper they should have shall be attended to after all the other candidates have been given their papers, and shall not be allowed to disrupt the distribution.

#### **2. During the Examination**

- i. Ensure that no candidate takes examination question papers out of examination room until he/she has completed the examination.
- ii. Walk round the examination room periodically and ensure that there is no cheating. At all times, at least, one invigilator shall be actively supervising and not engaged in other tasks.
- iii. Ensure that every student signs his/her signature against his/her name and registration number in the attendance register.
- iv. Go round and check the identity cards to ensure that the student who is taking the examination is not impersonating.
- v. In the case of errors in the question papers, make due consultation before any changes or alteration are made.
- vi. In the case of illness of a candidate, have the sick candidate removed from the examination room and if he/she shows no sign of quick recovery, contact the Medical Centre. In his or her own interest, every candidate who has been ill during examination shall be advised to report to the Medical Centre even if he/she completes the examination.
- vii. Ensure that no extra time is given to a candidate who has been absent from the examination room for a time on grounds of ill-health. Instead, he/she shall write on the front cover of the candidate's answer book a note including the duration of the absence and nature of the illness if known. This may be considered by the examiner.

#### **3. At the End of the Examination**

- i. Every candidate shall remain silent and seated until all the scripts have collected. If a candidate who has completed the attendance list fails to hand in a script, the invigilator shall note this in the column against his/her name and make a report later to the Head of Department or lecturer in-charge of the course.
- ii. The invigilator shall walk round and collect the script of each candidate before he/she leaves the examination room. The scripts of final-year students (if any) shall be separated from those of non-final year students.
- iii. The invigilator shall enclose two sets of scripts, the attendance list, six copies of the question papers and one half of the surplus question papers in an envelope, to the head of department/lecturer after the examination.
- iv. The invigilator shall tie up, for return to the Examinations Office, half of the surplus question papers and all surplus writing materials.

### **3.9 Examination Malpractice**

#### **Categories A**

*Offences leading to Expulsion from the university:-*

1. Impersonation, aiding and abetting. The impersonator and the person impersonated are both liable. Any impersonator who is not a student of university of Nigeria, Nsukka, shall be handed over to the police.
2. Presentation of fake I.D card or submission of a fake external candidate's form or class admit photo card with the intention to impersonate.
3. Direct involvement in examination leakage, obtaining and making use of leaked examination question and/ or solution.
4. Smuggling out/ in of examination script and/or examination question paper.
5. Substitution of duly submitted answer scripts.
6. Forging/altering result grades and signature of officer.
7. Physical assault on a lecturer or invigilator.
8. Coming into examination hall with a gun or any dangerous weapon.
9. Threatening a lecturer or invigilator's life physically or in writing.
10. Exchanging examination scripts and writing for each other.

#### **Categories B:**

*Offences leading to suspension for one academic session and rustication from hostel after which the student re-registers and repeats the year. Every examination taken from that session will be cancelled and given a fail grade:-*

Procuring and altering a medical certificate in order to obtain a deferment of examination.

1. Lobbying for examination grades by whatever means.
2. Submission of forged registration material including add/ drop card.
3. Bringing in unauthorized materials, books, notes, papers, etc.
4. Examination of answers by whatever means, papers, electronic, etc.

#### **Categories C:**

*Offences leading to stepping down for one semester and rustication from hostel. This involves cancellation of/ and giving a failure grade for other examinations taken that semester and re-registration in the next appropriate semester.*

1. Mutilation of and/or in computer registration form that is not officially endorsed.
2. Forcing oneself into examination hall by an unregistered student.

#### **Categories D:**

*Offences leading to a student not to continue the examination/ cancellation of that paper:-*

1. Coping from another ["giraffing"] or discussing in examination hall.
2. Deliberately exposing one's script for another to copy.
3. Refusal and/ or failure to submit examination script.
4. Escaping from examination hall with or without the examination script.
5. Writing on any part of the human body with the intention to cheat.
6. Unruly behaviour in examination hall e.g. disobedience to lawful order.
7. Insulting an invigilator or investigators.
8. Any other form of cheating acts not specified hereunder calculated to confer undue advantage on the student whether discovered in or outside the examination hall shall be appropriately punished.

#### **3.9.1 Handling Cases of Examination Malpractice:-**

All cases of examination malpractice in and out of examination hall shall be reported promptly to the appropriate University functionaries as indicated below:

1. Offences in categories A and B shall be reported to the Vice-Chancellor and the Dean, respectively, while offences in categories C and D shall be handled by the Head of Department.
2. For offences in categories A, the Head of Department through the Dean of Faculty, shall forward the report on the examination malpractice to the Registrar within one week from the date of receipt of the report. For offences in categories B, the Head of Department shall forward the report to the Dean, also within one week of report.
3. A committee of investigation into examination malpractice for categories its assignment not later than three months from the date of its constitution and submit its report to the Vice-Chancellor or Dean, as the case may be.
4. For offences in categories C and D which can only be proved by oral evidence, i.e. without exhibits e.g. unruly behaviour in examination hall, the Chief Invigilator shall invite the Head of Department or his representative to the examination hall for instant determination of the offence.
5. For such offences in categories C and D which can be proved by documentary / oral evidence. The Chief Invigilator and / or the lecturer concerned shall forward a report to the Head of Department within one week the offences was committed.

Report of all cases of examination malpractice determined by the Dean or Head of Department, shall be made available to the Vice-Chancellor, Deputy Vice-Chancellor [Academic] and the Registrar for their records. In all cases of examination malpractice in the hall, the invigilator shall:

- (i) Remove and retain any material, which he/ she considers the candidate should not have brought into examination room; note carefully all circumstances surrounding the cases.
- (ii) Inform the candidate that he/ she will be reported examination misconduct.
- (iii) Instruct the candidate not to leave examination room without the invigilators permission.
- (iv) Note the candidates name, registration number, and department and obtain written statement.
- (v) Keep to a minimum any disturbance of nearby candidate by avoiding argument or lengthy explanations. Written instruction/ instructions to the candidate may help.

### **3.9.2 Involvement of staff in Examination Malpractice**

Disciplinary measures shall be taken against members of staff [teaching and non-teaching] who are involved in examination malpractice in any form or who fail to apply the University's guidelines on conduct of examinations.

### **3.10 Reducing Incidence of Examination Malpractice**

1. Lecturers shall use the list of compiled class admit cards of students registered for a course offered by the department in admitting students into examination in that course. Such list shall be made available to the invigilators during examinations for the purpose of identification of those who registered the course.
2. No lecturer shall force/penalize any student because of failure of the student to purchase the lecturer's handout/textbooks. Production and sale of handouts shall be co-ordinate by heads of departments.
3. Any lecturer who contravenes the regulation in (3.10.2) above shall, be reported to the Vice-chancellor by the dean/head of department and the vice chancellor shall discipline the lecturer.
4. Authentic and accurate list of students who registered a course, with duly approved photo admit cards for the course, shall be made available to the lecturer who taught the course for use during the examination by the head of department.
5. Lecturers shall normally deliver their lectures as scheduled in the departmental lecture time table in order to clustering lectures in crash like manner.
6. Continuous assessments shall continue to form an integral part of the final examination scores on any result submitted to the registry and management information systems (MIS) for any student.
7. Invigilators shall give specific identification marks on the scripts issued to students for an examination. To this end, therefore, examination scripts shall be collected early enough, but not earlier than a day before the examination, from the Examination Office of the Registrar's Department.
8. Examination question papers shall be produced and administered under strict security conditions by the department concerned.
9. Classroom that are terraced shall normally not be used for examination so as to avoid aspect of examination malpractice.
10. Building with large space shall be used for examination. Such hall shall contain adequate chairs and writing desks.
11. For optimal utilization of time and space, all examination of two group of student taking different courses may hold at the same venue and at the same time
12. Faculties/Departments with large classroom shall oblige other Faculties/Departments who approach them for examination spaces.
13. Students shall be searched before entering into the examination hall.
14. Strict vigilance shall be exercise by invigilators on a student, who, during the examination, claims to be going to ease himself or herself.
15. There shall be provided, adequate period for examinations in order to minimize or eliminate clashes in examination time table.
16. Faculties/Department shall, in cooperation with the registrar, endeavour to solve reported case of examination clashes.
17. There shall be adequate ratio of invigilators to student taking the examinations e.g. One invigilator to about fifty students with extra invigilator who shall be available to stand in, in case of need.
18. Faculties/Department shall examine courses with large students in fewer groups possibly sending the student to their base faculties/department and enlisting the service of their invigilators.

19. The invigilators shall be conversant with the guideline on invigilation of examination and shall announce to students the consequence of been Involve in examination malpractice and what constitutes examination malpractice.
20. Disciplinary measure shall be taken on members of staff (teaching and non-teaching) who are involved in examination malpractice in any form.
21. Regulations on student who have over stayed in their programme or who obtained less than acceptable grade point average of 1.0 shall be applied, since this group of student is more prone to perpetuating examination malpractice.
22. Relevant supporting document about errors which necessitated change of grade through the use of change of grade card shall be retained by the head of the department and shall be made available to the dean of the faculties on request.
23. Head of department and lecturers shall, at will, check the results f courses submitted in examination office of the registrar Department against the recorded and computed result of a student.

### 3.11 Marking and Grading Of Scripts

1. Only students whose names are on the registration list emanating from the submission/compilation of class admits cards on the course and who participate in an examination in the course, shall have their scripts marked and the result forwarded to the registry/management information Systems (MIS).
2. The Lecturer shall normally mark all scripts for his/her courses and determine the grades to be awarded to each student.
- 3.

Percentage Score			Letter Grade	Points
70	-	100	A	5
60	-	69	B	4
50	-	59	C	3
45	-	49	D	2
40	-	44	E	1
0	-	39	F	0

\*45% is now minimum pass score.

4. Continuous assessment shall carry 30% of the marks to be awarded to a student in a course at the end of the semester. The continuous assessment shall comprise texts, quizzes, term papers and essays as approved by the board of the examiner.
5. The minimum passing grade for all courses, including electives and general studies shall be 'E' (D).

### 3.12 Processing and publication of results:

#### 1. Final Year Students Results

- i. Final year script must be submitted after moderation by external examiner to the Department /Faculties of examiner for final determination.
- ii. Examination result of final year courses shall be submitted to the registry/management information system unit (MIS) not later than 15 days after the end of the examination.
- iii. For ANY FINAL year courses whose examinations result have not been forwarded within the 15 days stipulated in (2) above, the list f such courses and the name of the lecturer who teach the course shall be forwarded to the Vice-Chancellor by the head of department through the dean of faculty.
- iv. The vice chancellor shall be required to discipline the default lecturers of the courses whose results were not forwarded within the stipulated time.
- v. Head of Department/Dean of the Faculty shall make adequate arrangements to ensure that all External examiners are invited on time for the moderation of final year examinations. Any difficulties which will vitiate the arrangement shall be reported in good time to the relevant authority and arrangements shall be made to solve the problem.
- vi. The examination result of the non-final year courses which are taking by final year students shall be submitted within fifteen days as stipulated in (ii) above.
- vii. Any final year student taking a non-final year course which he/she duly register shall have to mark boldly on his/her "final year" this will enable his/her scripts to be identified, mark and submitted as stipulated in (ii) above.

- viii. Examination attendance list, scripts and results for final year students shall be forwarded by the lecturer to the head of department immediately
- ix. No final year student shall be notified of his/her final year semester examination if the registrar, on the advice of bursar/accredited authority, certified that he/she owes the University.

## **2. Non Final Year Results**

- i. non final year scripts shall be submitted to the department/faculty board of examiners for final determination. This provision shall also apply to oral and practical examinations.
- ii. Examination results for non-final year courses for non-final year students shall be submitted to the Registry/Management Information Systems not later than four weeks from the date the semester examinations end; at any rate not later than the beginning of the following semester whichever is longer.
- iii. List of examination results of courses or non-final year students not forwarded to the Registry/Management Information System Unit (MIS) by the date stipulated in (ii) above and names of the lecturers that teach the courses shall be forwarded to the Vice-Chancellor through the Dean of faculty by the Head of Department.
- iv. Examination results, examination scripts and examination attendance lists shall be forwarded by the lecturer to the Head of Department immediately the scripts are marked and results produced.
- v. Funds for all examinations shall be made available to the relevant Faculties/Departments by the University Administration, not later than 2 weeks before examinations begin.
- vi. Examination results for courses shall be produced in the Official Grade and Class Roster or as appropriate and forwarded to the Registrar's Department/ Management Information Systems Unit (MIS). The results shall normally include the raw scores or examination and continuous assessment.
- vii. Secretarial staff on leave may be recalled during processing of examinations if need be.
- viii. Examination results forwarded to the Registrar's Department shall be computed (for final year students) within ten days; (for non-final year students) within six weeks. To this end, therefore, students' files and registration materials shall be forwarded as appropriate to the Registrar's Department.
- ix. With effect from the 1998/99 session 'fail' grades made in any course, shall be taken into account in the subsequent calculation of the student's Cumulative Grade Point Average (CGPA).

### **3.13 Preservation of Used Answer Scripts**

All used answer paper or each course shall be preserved by the Head of Department in which the course is taught for period of one academic year. Thereafter the University Administration shall make adequate arrangements to dispose of the used answer paper.

### **3.14 Review of Scripts of Aggrieved Students**

- 1. A student aggrieved about his/her grading shall, in the first instance, petition the Registrar through the Head of his/her department. The Registrar shall refer the petition to the Faculty Board through the Dean of the Faculty offering the course for a review.
- 2. For examination in final year courses, the recommendation of the Faculty Board shall be sent to Senate through the Senate Committee on Examinations for ratification.
- 3. A student applying for review of answer script shall be required to pay the prescribed fees.
- 4. Photocopy of the scripts to be reviewed with all the comments of the original marker removed shall be forwarded for review as follows:-
  - i. Final year courses to one External Examiner;
  - ii. Non-final year courses to two Internal Examiners. In both cases, the reviewers shall not have participated in the original marking of the scripts.
- 5. Time limit for the submission of petition for review of scripts by aggrieved students shall be as follows:
  - i. Final year courses: two months from the date the results are officially published by the Registrar's Office
  - ii. Non-final year courses: two months from the date the results (date-stamped) are officially published on the departmental notice board by the department.

### **3.15 Graduation Requirements for Degree/Diploma/Certificate Programmes**

- 1. Students shall be required to obtain a final cumulative grade point average of at least 1.00 to qualify for graduation.

- Students shall obtain a passing grade in all Major, required Ancillary, and General Studies courses before they can graduate provided the student satisfies the minimum unit load required for graduation (See Section 2.3(5)).
- The final CGPA shall determine the class of degree or diploma to be awarded, regardless of the number of attempts at the examination.
- The following classes of degree and grades of diploma/certificate are awarded on the basis of the following CGPA:

CGPA	Degree	Diploma/Certificate
4.50 – 5.00	1 <sup>st</sup> Class Hons.	Distinction
3.50 – 4.49	2 <sup>nd</sup> Class Hons. (Upper)	Credit
2.40 – 3.49	2 <sup>nd</sup> Class Hons. (Lower)	Merit
1.50 – 2.39	3 <sup>rd</sup> Class Hons.	Pass
1.00 – 1.49	Pass*	Pass
0.00 – 0.90	Fail	Fail

*\*In line with recent National Universities Commission (NUC) decision, Pass degree will be abolished in the University of Nigeria with effect from 2013/2014 Academic Session.*

### 3.16 Aegrotat Degree

- A candidate who has completed his/her final year courses and is prevented by illness from taking or completing the final year examinations shall be eligible to apply for an Aegrotat Degree if he/she is certified permanently incapable of taking the examinations in that programme and the standard of his/her work up to the date of his/her disability is such as to show that if he/she had taken the examinations, he/she would have qualified for the award of a degree.
- A candidate who is absent by reason of illness from all his/her final year semester examinations may not apply for Aegrotat degree but may sit all the papers at subsequent semester examinations.
- All applications for an Aegrotat Degree shall be made to the Registrar and must be accompanied by a medical certificate issued by the Director of Medical Services, University of Nigeria, indicating that the candidate was too ill to take the appropriate examinations. The Registrar shall transmit same to the Departmental Board of Examiners of the candidate's department, who shall transmit it through the Faculty Board for the approval of Senate.
- Aegrotat Degree shall not be classified and the status "Aegrotat degree" shall be so stated in the certificate.

### 3.17 Transcript

A candidate may apply to the Registrar for a transcript of his/her academic records on payment of prescribed fees. The transcript may be sent only to organizations and institutions at the request of the student concerned. A personal transcript may be sent to a student on request but shall be boldly marked "Student's Copy, Not for Official Use".

## 4.0 Withdrawal from the University

### 4.1 Low Cumulative

- Any student in any year of study who fails to make a CGPA of 1.00 at the end of the session shall be required to repeat the year of study i.e. he/she shall be on probation.
- If at the end of the probationary period, the student still fails to make a CGPA of 1.00 he/she shall be required to withdraw from the programme of study. Subsequently, he could possibly change into another programme. If he/she is not successful in securing a change, he/she withdraws from the University.
- If he succeeds in securing a change of programme and still fails to make a CGPA of 1.00 in the new programme, he/she will be placed on probation in the new programme.
- If after (3) above the student still fails to make a CGPA of 1.00 he/she shall be required to withdraw from the University.
- In no circumstance shall any student be allowed more than two periods of probation in his/her academic career in the University.

### 4.2 Voluntary Withdrawal

A student may withdraw from the University at any time on the completion of the official withdrawal form obtainable from the office of the Dean of Student Affairs. In the case of such voluntary withdrawal, the refund of fees paid in excess of the period stayed in the University will be made by the Bursar's Office. Such a student may retain grades made for semester examinations. A student who so withdraws from the University may, in order to be readmitted, send a formal application through his/her Head of Department and receive official clearance from the Registrar.

### 4.3 Unauthorized Withdrawal

A student who withdraws from the University without authority may not be considered for re-admission until his/her case has been considered on its merit by the Departmental/Faculty Board.

#### **4.4 Withdrawal for Health Reasons**

A student may withdraw or be asked to withdraw for health reasons certified by an approved medical officer. Such a student shall be re-admitted into the university on production of a valid medical report from an approved medical officer.

#### **4.5 Disciplinary Withdrawal**

A student who is sent out on grounds of disciplinary action may not be re-admitted unless with the express permission of the Vice-Chancellor.

#### **4.6 Re-Admission**

##### *1. Financial Obligation before Re-Admission:*

Before a student may be considered for re-admission, he/she shall be required to clear any debt standing against him/her before withdrawing from the University.

##### *2. Time Limit for Re-Admission*

A student who withdraws from the University for any reason and who is not re-admitted within a period of three consecutive academic years from the date of his/her withdrawal, may not be credited any course(s) taken prior to withdrawal, should he/her return to the university. The head of department may however, make general assessment of the individuals' knowledge of the courses taken prior to withdrawal and recommend the year of entry on re-admission.

### **5.0 Academic Advising**

#### **5.1 Assignment of Academic Advisers:**

1. All teaching staff are involve in academic advising. However, department may decide to assign this duty to a few members of staff. When this procedure is followed, due allowance shall be made by the time spent by the members of staff concern with academic advising in relation to teaching duties.
2. A single adviser should normally look after a student throughout his/her course but changes may be permitted by head of the department in exceptional cases.

#### **5.2 Functions of Various Officers In Respect Of Academic Advising:**

##### **1. Academic Advisers:**

- i. Mapping out program for individual students.
- ii. Ensuring effective enrolment of students during registration periods.
- iii. Checking of academic load of students with regard to the number of credit units to be carried per semester.
- iv. Changing of courses/degree programmes.
- v. Making sure that the regulation of the academic departments and university are duly observed by the students.
- vi. Effective keeping of folders of students.
- vii. Keeping regular office hours for the students.
- viii. Interviewing their students at least once a semester.
- ix. Consulting the deans of student affairs where students have psychological problems.

##### **2. Heads of Department**

- i. Appointment of academic advisers and staff adviser to departmental academic associations.
- ii. Ensuring that the adviser do their work effectively.
- iii. Meeting student and staff in order to explain their procedures especially before registration.
- iv. Receiving adviser recommendation and suggestion and considering other special cases referred to them by advisers. The type of recommendation to be checked includes program for individual students, credit unit loads, and change or degree programmes.
- v. Making such departmental regulations In consonance with university regulations.
- vi. Mapping out of all departmental degree programmes, including the compulsory credit load required by the department
- vii. Making inter-departmental arrangements which concern staff and students in their departments.
- viii. Maintaining major files on the students and giving their staff access to such files. Also making sure that their advisers get duplicates of academic records of students.
- IX Keeping their respective deans and the register informed about what allocation of academic advisors they have made in respect of every student in the department.

##### **3. Deans of Faculty**

- i. Ensuring that all departments have clearly mapped out programs.



- ii. Reviewing heads of departments' recommendations and suggestions and considering special cases; such special cases will deal with mapping out program for individual students, changing of courses or degree programmes.

#### **4. Registrar**

- i. Addressing the students during orientation week, giving them as much information as possible on academic life
- ii. Making available all registration materials to heads of departments and advisers including:
  - 1. List of admitted students
  - 2. Temporary course registration forms (dummy)
  - 3. Course registration and other forms (computer forms)
  - 4. Course enrolment cards
  - 5. Students registration Performa
  - 6. Official grade and class roster
  - 7. Add and Drop card
- iii. Providing adequate and effective information to students after they have been registered.
- iv. Disseminating information about careers and job opportunities for student

#### **5 Dean of Student Affairs**

- i. Advising student on careers.
- ii. Arranging vacation jobs for them.
- iii. Making arrangement for work aid.
- iv. Arranging loans and scholarships (foundation loan excluded).
- v. Making hostels arrangements and initiating disciplinary actions when necessary.
- vi. Informing head of department on (ii), (iv) and (v) above.
- vii. Giving any necessary psychological advice.

### **6.0 Modalities for the Production and Sale of Handouts and Text Books to Students of the University of Nigeria**

#### **6.1 Production and Sales of Handouts**

- 1. The production of hand-outs shall be sustained and encouraged in the University of Nigeria, in a view of their essence in learning.
- 2. Faculties/school/Departments shall set up publication comities to handle the production of hand-outs. Such committees shall receive and vet materials submitted by lecturers for handout production. This will ensure the production of quality handouts, avoidance of irrelevant materials and unnecessary duplication.
- 3. Faculties/school/department shall take administrative responsibility for the production, costing and sale of their handouts. They shall also determine appropriate remuneration for the contributing staff.
- 4. The purchase of handouts shall be optional.

#### **6.2 Text-Books**

- 1. Lecturers shall be allowed and encouraged to write and produce textbooks to enhance the learning process.
- 2. The cost of such textbooks shall be determined by the lecturers and the publishers.
- 3. The purchase of textbooks shall be optional.

#### **6.3 Disciplinary Action**

- 1. The university administration shall take steps to investigate reported cases of abuse of production and sale of handouts, for appropriate disciplinary action.

*\*The university administration frowns at the production of handouts since they encourage laziness on the part of both students and lecturers as well as generate certain corrupt practice that cannot be easily monitored. As a result, the university Administration discourages the production of handouts by individual lecturers.*

### **7.0 Inter-University Transfer and Second Bachelor's Degree**

#### **7.1 Inter-University Transfer students:**

- 1. Application form for transfer admission into the university may be obtained from the Registrar's Development on the payment of prescribed fees.
- 2. Transfer students shall possess the minimum university and departmental entry requirements prior to entry into the university from where they are seeking transfers.

3. Consideration of application for inter-university transfer shall be for students from comparable universities who are prepared to continue with the same courses as they were pursuing in the university from where they are seeking transfers.
4. Transfer students shall make minimum cumulative grade point average of 2.95 to qualify for consideration.
5. The number of students offered admission by transfer shall not exceed 4% of the departmental admission quota in anyone year.
6. In considering applications for transfer, faculties/ departments shall ensure that candidates with very high scores at the UME who indicated the university as their first choice are not left out in preference to transfer candidates.
7. All recommendations for admission by transfer from faculties shall be submitted to the registry for collation and presentation to the committee of Deans for consideration.
8. At the end of each admission exercise, a report on admission by transfer shall be presented to the committee of Deans along with other aspects of the admission exercise.
9. A transfer student admitted into the university after three consecutive academic years away from his/her former university, will have his/her new department, determine in which year of study he/she shall be placed on admission.

#### **7.2 Second Bachelor's Degree of the University of Nigeria:**

The minimum period of attendance at courses required of a former graduate of the University who wishes to pursue a second bachelor's degree of the university is one session. Such student who holds the degree of the university shall be judged only on his/her performance in the second degree programme, even though recognition shall be accorded to relevant courses taken in the previous degree programme, including the General Studies courses, in planning the student's programme for the second bachelor's degree.

### **8.0 Regulations Governing the Degree of Bachelor of Medicine (M.B.) and Bachelor of Surgery (B.S.) of the University of Nigeria**

**8.1** The Degree of Bachelor of Medicine and Bachelor of Surgery (M.B.B.S) shall be the primary degrees in Medicine and Surgery in the Faculties of Medical Sciences and Dentistry and shall be awarded at the same time and after the same course of study.

**8.2** The curriculum for the degrees of Bachelor of Medicine and Bachelor of Surgery shall normally extend over a period of six academic years for students admitted by University Matriculation Examination (UME) and five years for students admitted by Direct Entry.

**8.3** To qualify for the degree of Bachelor of Medicine and Bachelor of Surgery, candidates must spend the last three years in the Faculties of Medical Sciences and Dentistry. The remaining period (of the curriculum) may be spent in any other university or medical school approved for the purpose by the Senate, on the recommendation of the Faculty Board of Studies.

**8.4** The examiners for the degrees shall be those approve by the Senate.

**8.5** All candidates for the degrees of Bachelor of Medicine and Bachelor of Surgery shall be required to have satisfied the examiners in several subjects of five examinations titled respectively:

- The First Professional Examination
- The Second Professional Examination
- The Third Professional Examination
- The Fourth Professional Examination
- The Fifth Professional Examination

Candidate shall also be required to have satisfied the examiners in the General studies and other required courses in the university.

All candidates shall normally take the first professional Examination at the end of the 1<sup>st</sup> year, the second professional examination after the 1<sup>st</sup> semester of the 3<sup>rd</sup> year, the Third professional examination at the end of the 4<sup>th</sup> year, the Fourth professional Examination not less than 30 months after the second professional Examination and the fifth professional Examination after a period of study not less than 36 months after passing the second professional Examination.

#### **8.6 The first professional Examination (Pre-Medical)**

1. The subjects of the first professional examination (pre-Medical) which shall be guided the by the general university Academic Regulation, shall include courses in:
  - a. Chemistry
  - b. Physics
  - c. Biology (including medical Genetics and Basic parasitology)

2. Candidates shall have satisfied the general and specific requirements for admission into the M.B.B.S. programme of the university before presenting themselves for the first professional Examination.
3. No credit shall be awarded to University Matriculation Examination (UME) candidates for papers passed in individual subjects at the Advance Level in the General Certificate Examination (or approved equivalent).
4. i. The component courses in Biology shall include;
  - a. Bio 101-Genetics for Medical students
  - b. Bio. 121-Basic parasitology for Medical students
 ii. Candidates who fail to make the passing grade in any courses, shall be required to re-register the course and shall carry a minimum credit load of 15 for that semester.  
 iii. Candidates who fail after repeating the year shall be required to withdraw from the Faculties.
5. Those who wish to withdraw from the faculties after the First professional Examination shall have the grade point average calculated as provided for in the general University Academic Regulations.
6. Candidates shall not allowed to proceed with courses in Anatomy, Physiology and Medical Biochemistry until they have passed or gained exemption from the whole of the First professional Examinations
7. Candidates shall have passed all relevant General Studies (G.S) Courses before presenting themselves for the Third professional examination.
8. Candidates who scores less than an average of 40% in more than one subject shall be required to withdraw from the Faculty.

#### **8.7 Second Professional Examination**

1. The subjects of the Second Professional Examination shall be:
  - a. Anatomy
  - b. Physiology
  - c. Medical Biochemistry.
2. The examination shall normally be held in April and September.  
 Candidates must present themselves for examination in all three subjects on the first occasion and those who have satisfied the examiners in the whole examination in April shall proceed to the Introductory Clinical course and to courses in Pathological Science and Pharmacology during the 2<sup>nd</sup> semester of the 3<sup>rd</sup> year of the courses
3. a. Candidates who score less than 40% in all three subjects in first attempt shall be required to withdraw from the course.  
 b. Candidates who fail in 2 or more subjects at first attempt shall be required to repeat the entire examination in 12 months after further instructions  
 c. Candidates who fail in one subject only may be permitted by Senate, on the recommendation of Faculty Board of studies, to proceed with the Introductory Clinical Courses and to be re-examined at the the end of September in the subject in which they failed.
4. Candidates who fail in the second examination in September shall be deemed to have failed the entire Second professional examination and shall be required, after further instructions in Anatomy, Physiology and Medical Biochemistry, to take the entire examination again in April of the following year. Such candidates if successful shall be required to attend the Introductory Clinic Course for a second time.
5. Candidates who fail to obtain full pass at the Second professional examination after three attempts or candidates who fail in two or more subjects in two successive attempts shall be required to withdraw.
6. Candidates who have pursued successfully courses of study in Anatomy, Physiology and Medical Biochemistry, in another institution approved by the Senate on t5he recommendation of the Faculty Board of studies shall be exempted from such part of the course of studies leading to the second professional examination or from the examination.
7. A distinction may be awarded in the individual subjects to candidates who have passed the whole of the Second professional examination at the first attempt. The names of candidates who have satisfied the examiners in the Second Professional examination shall be published in alphabetical order.

#### **8.8 Third Professional Examination**

1. The subject of the Third Professional examination shall be,
  - a. Pharmacology
  - b. Pathology Sciences (Chemical Pathology, Haematology/Immunology, Histopathology, Medical Microbiology)

The examination shall normally be held in June and December. No candidates shall be allowed to sit for the Third M.B.B.S. examination until he has passed the second M.B.B.S. examination.

2. Candidates shall present themselves for examination in both subjects at the same time on the first occasion.
3. Candidates who fail in one subject only may be permitted by Senate on the recommendation of the Faculty Board of studies, to proceed with the courses leading to the fourth professional examination and present themselves on a subsequent occasion for re-examination in the subject in which they failed.
4. Candidates who failed both subjects of third professional examination at first attempt shall stay back for one year to repeat the courses and examination as a second attempt.
5. Candidates who in their 2<sup>nd</sup> attempt fail in one subject of the examination, shall be required to stay back further instructions and be re-examined in the subject referred after six months and shall not proceed with other postings. Candidates who in their third attempt make less than 45% shall be required to withdraw from the faculty.
6. Normally, three (3) attempts shall be allowed for passing the Third M.B.B.S. degree examination. The 4<sup>th</sup> and final attempt shall be on the recommendation of the Faculty Board of studies and approval by senate. This recommendation shall be based strictly on the candidates' score which shall not be below 45%.
7. A distinction may be awarded in the individual subjects to those candidates who have passed the whole of the Third Professional examination at the first attempt. The names of candidates who have satisfied the examiners in the Third professional examination shall be published in alphabetical order.

#### **8.9 Fourth Professional Examination**

1. The subjects of the fourth professional examination shall be,
  - a. Pediatrics
  - b. Community Medicine
  - c. Obstetrics and Gynecology

The examination shall normally be held in December and June.
2. No candidates shall be admitted into the Fourth professional examination until he/she has passed both subjects of the Third professional examination.
3.
  - i. Candidates shall present themselves for examination in all the subjects on the first occasion.
  - ii. Candidates who fail to satisfy the examiners in any of the subjects shall present themselves on a subsequent occasion for re-examination in the subject or subjects in which they failed.
4. A distinction may be awarded in the individual subjects to candidates who have passed the whole of the Fourth Professional examination at the first attempt. The names of the candidates who have satisfied the examiners shall be published in alphabetical order.
5. Normally three (3) attempts are allowed for passing the Fourth M., B. S examination. A fourth and final attempt shall be on the recommendation of Faculty Board and approval by Senate.

#### **8.10 Fifth Professional Examination.**

1. The subject of Fifth Professional examination shall be:
  - a. Medicine, including Therapeutics, psychological Medicine, Dermatology and Radiation Medicine.
  - b. Surgery, including Anesthesiology, Otolaryngology and Ophthalmology.
2. Candidates shall not be admitted to the Professional examination until they have passed all the subjects of the Fourth Professional examination.
3. Candidates shall present themselves for examination in all subjects on the first occasion. Candidates who fail to satisfy the examiners in any of these subjects shall present themselves on a subsequent occasion for re-examination in the subject or subjects in which they failed.
4. A distinction may be awarded in the individual subjects to candidates who have passed the whole of the Fifth Professional examinations at the first attempt. The names of candidates who have satisfied the examiners in the Fifth Professional examination shall be published in alphabetical order.

#### **8.11 General**

1. Before presenting themselves for any professional examination, candidates shall require to have completed, to the satisfaction of departments concerned, such periods of approved practical/clinical work. Minimum of 75% attendance is mandatory.
2. In order to pass in any subject of the Fourth and Fifth Professional examinations candidates must satisfy the examiners in the clinical part of the examinations.

3. The minimum residential requirement for transfer from other universities for the award of the M. B. B. S (Nigeria) shall normally be three years. There shall be no exemption from the Third, Fourth or Fifth Professional examinations.
4. Withdrawal from the courses leading to the award of the degrees M.B.B.S. on academic grounds is permanent.
5. In consonance with the procedure in all medical schools, and the regulation by the profession body-the Nigerian Medical and Dental Council, the pass mark for all professional M.B.B.S. degree examinations is 50%(C). This is without prejudice to the provision in 8.6.7.above.

## **9.0 Regulation Governing the Award of the of Bachelor of Pharmacy (B.PHARM.)**

**9.1** The degree of Bachelor of Pharmacy (B. Pharm.) shall be the primary degree in the Faculty of Pharmaceutical Sciences and shall be awarded after a successful completion of the senate approved curriculum and examinations.

**9.2** The curriculum for the Degree of Bachelor of Pharmacy shall normally extend over a period of five academic years for students admitted by University Matriculation Examination and four years for students admitted by Direct Entry.

- 9.3**
- i. To qualify to proceed to the first of the four-year professional studies, the candidate must satisfy the examiners in the preliminary examinations in the subject of **Chemistry, Physics, Biology and Mathematics** e.g. the student makes an average score of 40% when the various components of each subject are added.
  - ii. Where a candidate fails to make the passing average of 40% in any subject, he shall be required to repeat the year and re-register any component course(s) that he failed, and should carry a minimum credit load of 15units for a semester.
  - iii. Where a candidate fails to make the passing average of 40% in any subject, and or is unsuccessful in the preliminary examinations in the subjects listed in 3a above after two consecutive year of study, the candidate shall be required to withdraw from the Bachelor of Pharmacy Degree programme.
  - iv. Where a student obtains the minimum passing average 40% in any subject but fails any of the component courses, he shall re-register and pass the course in accordance with the General University Academic Regulations, before his graduation.

**9.4** To qualify for the award of the **Degree of Bachelor** of Pharmacy, the candidate must satisfy the examiners in the following examinations:

- i. Non-professional Examination
- ii. First professional Examination
- iii. Second Professional Examination
- iv. Third professional Examination
- v. Fourth professional Examination

## **9.5 Examination Arrangement**

Professional examinations shall normally take place at the end of each semester of session.

### **Continuous Assessment**

Continuous assessment during the semester may form part of the final grading. Continuous assessment shall not exceed 30% of the final grade.

All candidates are required to have a minimum of 75% attendance of each course.

**9.6** During the professional phase of the curriculum, there shall be semester examinations in:

- i. General Studies Courses
- ii. Introduction to Computer Science
- iii. Application of Computer to Pharmacy
- iv. Statistics for Biological Sciences

**9.7** The evaluation of students' academic work in the professional examinations shall be governed by the **Bachelor of Pharmacy Regulation viz:**

- a. In the professional examinations, the results shall not be translated into letter grades.
- b. Successful completion of a professional paper from the first to the fourth professional examination means an examination score of 50% in each course taken, except **Forensic Pharmacy and Dispensing**, which shall be 60%.
- c. In any professional examination a distinction shall be awarded in any subject(s) of the examination, except **project**, providing the candidate scores 70% and above in the subject(s) and passes all the subjects of that examination at first sitting. The award of distinction shall be subject to a creditable defense in an oral examination.
- d. The **Bachelor of Pharmacy Degree** shall not be classified.

**9.8 Non-Professional Examinations**

The semester courses for the non-professional examinations shall be as follows:

- A (i) **First Year of Study for UME Candidates**
  - a. General Mathematics
  - b. General Physics for Life Sciences (Theory and Practical)
  - c. General Biology (Theory and Practical)
  - d. Basic Principal of Chemistry (Theory and Practical)
  - e. The Use of English
  - f. Social Sciences
- A (ii) **First Year of Study for Direct Entry Candidates**
  - a. General Mathematics
  - b. The Use of English
- B (i) **Second Year of Study for UME candidates**
  - a. Humanities
- B (ii) **Second Year of Study for Direct Entry Candidates**
  - a. Social Sciences or Humanities
  - b. Statistics for Biological Sciences
  - c. Introduction to Computer Science
  - d. Application of Computer to Pharmacy
- C. **Third Year of Study for UME Candidates**
  - a. Statistics for Biological Sciences
  - b. Introduction to Computer Science
  - c. Application of Computer to Pharmacy

**9.9 First Professional Examination**

This examination is held in the second year of the programme. The examination shall normally be held in the second semester. The papers for the examination shall be:

- i. Human physiology (Theory and Practical)
- ii. Dispensing (Theory and Practical)
- iii. Basic Pharmaceutical Microbiology and Basic Pharmaceutical Biochemistry.
- iv. Pharmacognosy (Theory and Practical)

**9.10 Guidelines for the First Professional Examination**

- a. Candidates who fail in three or more papers in the professional examination shall be required to repeat the year with no option of re-sit.
- b. Candidates who fail in one or two paper(s) of the first professional examination shall re-sit the failed paper(s) during the re-sit professional examination.
- c. Candidates who could not pass all the resat paper(s) shall be required to repeat the whole year and re-register the entire examination in the following academic year.
- d. Candidates who are unsuccessful in the first professional examination after two consecutive years of study shall be required to withdraw from the Bachelor of Pharmacy Degree Programme.

**9.11 Second Professional Examination**

This examination is held in the third year of the programme. The papers shall be:

- i. Unit operations (Theory and Practical)
- ii. Phytoevaluation (Theory and Practical)
- iii. Pharmaceutical Chemistry (Theory and Practical)
- iv. Pharmacy Administration and Management and Biopharmaceutics
- v. Basic Pharmacology (Theory and Practical)

**9.12 Guidelines for the Second Professional Examination**

- a. Candidates who fail in more than two papers of the second professional examinations shall be required to repeat the year with no option of re-sit, and re-register all the courses that make up the second professional examination.
- b. Candidates who fail in not more than two papers shall be required to present themselves for re-examination during the re-sit professional examination in the paper(s), which they failed.
- c. Candidates who are unsuccessful (fail in one or two papers) after the re-sit examination shall be required to repeat the year, and re-register all the paper that make up the second professional examination.
- d. Candidates who are unsuccessful in the second professional examination after two consecutive years of study shall be required to withdraw from the Bachelor of Pharmacy Programme.

**9.13 Third Professional Examination**

This examination is held in the fourth year stage of the programme. The subjects for the examination shall be:

- i. Advanced Pharmacology (Theory and Practical)
- ii. Forensic Pharmacy
- iii. Pharmaceutical Technology (Theory and Practical)
- iv. Clinical Pharmacy
- v. Pharmaceutics (Theory and Practical)
- vi. Pharmaceutical Chemistry and Analysis

#### **9.14 Guidelines for the Third Professional Examination**

- a. Candidates who fail in three or more papers shall be required to repeat the year with no option of re-sit.
- b. Candidates who fail in not more than two papers shall be required to present themselves for re-examination during the re-sit examination in the paper(s), which they failed.
- c. Candidates who fail in one paper after the re-sit examination may proceed to the next class but shall re-register the examination in the following academic year.
- d. Candidates who fail in two papers in the re-sit examination shall be required to repeat the year, and re-register the entire examination in the following academic year.
- e. Candidates who are unsuccessful in third professional examination after two consecutive academic years may be allowed to continue in the programme only with the permission of Senate on the recommendation of the Board of Faculty of Pharmaceutical Sciences. The recommendation shall be based strictly on the candidate's score in each paper, which shall not be less than 45%.

#### **9.15 Fourth Professional Examination**

This examination is held in the fifth year of the programme. The papers for the examination shall be:

- i. Immunology and Pharmaceutical Fermentation
- ii. Industrial Pharmacy
- iii. Phytochemistry
- iv. Pharmacological Screening and Toxicology
- v. Medicinal Chemistry
- vi. Clinical Clerkship and Therapeutics
- vii. Project

#### **9.16 Guidelines for the Fourth Professional Examination**

- a. Candidates are required to pass all papers, which comprise the final examinations, including the project.
- b. Candidates who fail in three or more papers, including any carried over paper, shall be required to repeat the year, with no option of re-sit.
- c. Candidates who fail in one or two paper(s) will be allowed to present themselves for re-examination during the re-sit examination in the paper(s), which they failed.
- d. Candidates who are unsuccessful after the re-sit examination shall repeat the year.
- e. Candidates(s) who fail the project shall have three months from the official publication of the result to re-submit the project for re-examination.
- f. Any subsequent attempt on the fourth professional examination after two consecutive academic years shall be with permission of Senate on the recommendation of the Board of Faculty of Pharmaceutical Sciences.

#### **9.17 General Considerations**

- (a) Before presenting themselves for any examination, candidates shall be required to have completed, to the satisfaction of the Departments concerned, approved periods of practical work and / or other assignments regarded as part of the programme.
- (b) Before presenting themselves for re-sit examination, candidates shall be required to have attended tutorial classes.
- (c) All professional examinations shall consist of written, practical and/ or oral examinations.
- (d) Without prejudice to the existing General University Academic Regulations on examination malpractice, any student found guilty of any form of exam malpractice shall not be allowed to continue with the Bachelor of Pharmacy programme.
- (e) A candidate shall normally be allowed four attempts in any of professional papers, after which he shall be required to withdraw from the Bachelor of Pharmacy programme.

- (f) A candidate who by virtue of the performance in any of the professional examinations loses the option of a re-sit, shall have that particular re-sit included in his number of attempts on the paper(s).
- (g) A candidate for whatever reason, fails to utilize a re-sit opportunity, shall have that particular re-sit included in his number of attempts on the paper(s).
- (h) A candidate in the fourth stage of the professional programme, who has made four unsuccessful attempts on any professional paper(s) and who has obtained the permission of Senate for subsequent attempt (s), shall be required, before being awarded the degree, to re-register and pass the paper(s), which he failed.
- (I) Any matter(s) relating to the award of the degree of Bachelor of Pharmacy of this University, which are not covered in these regulations shall be subject for determination by the Board of the Faculty of Pharmaceutical Sciences.

### 9.18 Combination for Professional Examination

#### 1. First Professional Examinations

Paper No.	Title	Course Combination
I	Human Physiology	PHM 251 Human Physiology I PHM 252 Practical Human Physiology PHM 254 Human Physiology II PHM 284 Anatomy and Histology PHM 286 Practical Anatomy and Histology
II	Dispensing	PHM 202 Pharmaceutical Calculations PHM 222 Pharmaceutics I PHM 224 Practical Pharmaceutics I PHM 282 Introduction to Pharmacy Practice
III	Basic Pharmaceutical Microbiology and Basic Pharmaceutical Biochemistry	PHM 223 Basic Pharm...Microbiology PHM 225 Practical Basic Pharm. Microbiology PHM 255 Basic Pharm. Biochemistry PHM 256 Applied Pharm. Biochemistry PHM 257 Practical Basic Pharm. Biochemistry
IV	Pharmacognosy	PHM 241 Pharmacognosy IA PHM 242 Practical Pharmacognosy IA PHM 244 Pharmacognosy IB

#### 2. SECOND PROFESSIONAL EXAMINATIONS

Paper No.	Title	Course Combination
I	Unit Operations	PHM 311 Pharmaceutical Technology II PHM 313 Practical Pharm. Technology II PHM 211 Introduction to Unit Operations PHM 213 Practical Unit Operations
II	Phytoevaluation	PHM 341 Pharmacognosy II PHM 343 Practical Pharmacognosy II PHM 344 Phytoevaluation PHM 346 Practical Phytoevaluation
III	Pharmaceutical Chemistry	PHM 231 Pharmaceutical Chemistry I PHM 233 Practical Pharm. Chemistry I PHM 331 Pharmaceutical Chemistry IIA PHM 332 Practical Pharmaceutical Chemistry II PHM 334 Pharmaceutical Chemistry IIB
IV	Pharmacy Admin. & Management and Biopharmaceutics	PHM 361 Pharmacy Administration (Economics) PHM 362 Pharmacy Administration (Management) PHM 382 Biopharmaceutics



V	Pharmacology	PHM 351 Pharmacology I PHM 353 Practical Pharmacology I PHM 354 Pharmacology II PHM 356 Practical Pharmacology II
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### 3. Third Professional Examinations

Paper No.	Title	Course Combination
I	Advanced Pharmacology	PHM 451 Pharmacology III PHM 453 Practical Pharmacology III PHM 454 Pharmacology IV
II	Forensic Pharmacy	PHM 472 Forensic Pharmacy
III	Pharmaceutical Technology	PHM 412 Pharmaceutical Technology III PHM 414 Practical Pharm. Technology III PHM 416 Cosmetic Science and Technology
IV	Clinical Pharmacy	PHM 481 Pathology for Pharmacy Students PHM 484 Introduction to Clinical Pharmacy PHM 466 Clinical Pharmacokinetics
V	Pharmaceutics	PHM 421 Pharmaceutics III PHM 423 Practical Pharmaceutics III PHM 424 Advanced Practical Dispensing
VI	Pharmaceutical Chemistry and Analysis	PHM 431 Pharm. Chemistry IIIA PHM 435 Pharmaceutical Analysis I PHM 437 Practical Pharm. Analysis PHM 432 Practical Pharm. Chem. III PHM 434 Pharm. Chemistry IIIB

### 4. Fourth Professional Examinations

Paper No.	Title	Course Combination
I	Immunology and Pharmaceutical Fermentation	PHM 521 Pharmaceutics IV
II	Industrial Pharmacy	PHM 511 Industrial Pharmacy and Process Validation
III	Phytochemistry	PHM 441 Phytomedicinal Analysis PHM 442 Pract. Phytomedicinal Analysis PHM 541 Phytochemistry and Environmental Medicine
IV	Pharmacological Screening & Toxicology	PHM 551 Pharmacology V
V	Medical Chemistry	Pharm. 531 Pharmaceutical Chemistry IV Pharm. 533 Pharmaceutical Analysis II
VI	Therapeutics and Clinical Clerkship	PHM 581 Pharmacotherapeutics PHM 582 Clinical Clerkship PHM 584 Literature Evaluation and Drug information
VII	Project	PHM 529 Project

The Faculty Conducts Field Trips in Various Arrears Including Botanical, Traditional, Industrial, Clinical and Hospital Settings

### 10. Regulations Governing the Award of the Degree of Doctor of Veterinary Medicine (DVM)

- 10.1 The different Departments of the Faculty of Veterinary Medicine jointly prepare candidates for the award of Doctor of Veterinary Medicine (DVM) and shall be the primary degree in Veterinary Medicine and shall be awarded at the end of successful completion of the Senate approved curricula and examinations.
- 10.2 The course extends over a minimum of six years for University Matriculation Examination (UME) candidate and five years of Direct Entry candidates. The curriculum is divided into two parts:
  - i. Pre-Professional Phase of one year duration which provides the student with a good background in the Social and Natural Sciences and introduces him to livestock industry.

- ii. The Professional Phase of five-year duration (DVM I-V) which consist of an eighteen month pre-clinical phase, and twenty-four month clinical phase.

10.3 To qualify for an award of Doctor of Veterinary Medicine (DVM), a candidate must satisfy the examiners in the following examinations given normally in March, June and September of each year (as the case may be):

- I. Pre-Professional Examinations (governed by General University Examinations Regulations).
- II. Professional Examinations governed by DVM Regulations viz.
  - a. First Professional Examination
  - b. Second Professional Examination – Part I & II
  - c. Third Professional Examination – Part I & II
  - d. Fourth Professional Examination

10.4 The evaluation of students' academic work in the professional examinations shall be governed by DVM regulations viz:

- I. Successful completion of professional subject from DVM I to DVM V means an Examination score of at least 50 percent in each subject taken.
- II. In any professional examination, a distinction shall be awarded in any subject in which a candidate obtains a score of 70 percent or higher, provided the candidate passes all the subjects of that Examination in the first attempt.
- III. Each stage of professional training (i.e. DVM I-V) is a pre-requisite for the next stage; i.e. for a candidate to proceed from one level of professional training to another, he must have passed all the subjects of the lower stage.
- IV. The DVM degree shall not be classified into different honors grading

#### **10.5 Pre-Professional Examinations**

##### **1. Subject for the Pre-Professional Examinations shall be as follows:**

- i. First year of study (i.e. for UME candidates)
  - a. General Physics for Life Science and Practical Physics.
  - b. General Biology and General Biology Practical.
  - c. Basic Principles of chemistry and Basic Practical Chemistry.
  - d. The use of English
  - e. Social Sciences
  - f. Approved Electives
- ii. Second year of study:
  - a. The use of English
  - b. Humanities
  - c. Approved Electives

##### **2. Guidelines for Pre-Professional Examinations:**

- I. Individual marks scored in all splinter courses (Physics, Chemistry and Biology) shall be added up to obtain an average pass of 'E' in each subject as contained in the General University Academic Regulations.
- II. Where a candidate fails to make the passing average of 'E' in any subject, he shall be required to re-register all the splinter courses that make up the subject and shall carry a minimum unit load of 15 for that semester.
- III. If a candidate cannot pass after repeating the year he shall be required to withdraw from the faculty.
- IV. Candidates shall not be allowed to proceed with the courses in Anatomy, physiology and Veterinary Biochemistry until they have passed or gained exemption from the whole of the Pre-Professional Examinations.

#### **10.6 Professional Examinations**

- 1. First professional Examinations (DVM II or Third Year of Study in the University). This Examination shall be administered in two parts; Part ONE shall be held in March after three semesters of professional training.
  - i. The subjects for part ONE of the first Professional Examination (DVM II) which is held at the end of the first semester of the third year of study shall be:
    - a. Veterinary Anatomy (including Introduction to Veterinary Medicine)

- b. Veterinary Physiology
- c. Veterinary Biochemistry.
- ii. The subjects for part TWO of the first Professional Examination (DVM II) which is held at the end of the second semester of the third year of study shall be:
  - a. Animal Health and Husbandry
  - b. Animal Nutrition in Health and Disease.

**iii. Guidelines for the First Professional Examinations:**

1. A candidate who fails in NOT MORE THAN TWO subjects of the first Professional Examinations held I March, may after 6 months of additional professional training present himself/herself for re-examination in those subjects during the September professional examinations.
2. Candidates who fail in more than TWO subjects in the first Professional Examinations held in March shall re-register for all the second (DVM II) professional courses (i.e. 3<sup>rd</sup> Year of study in the University).
3. Candidates who fail in any ONE subject in the September professional examinations shall be required to re-register and present themselves for examination in all second year professional courses of DVM II stage of the curriculum.
4. If a candidate performs very badly in the first professional Examination, i.e. attains an average score of less than 35 percent, in all subjects and if the Faculty Board of Examiners is satisfied that the candidate cannot benefit from further participation in the course, he shall be recommended to the senate for withdrawal from the DVM programme.

**2. Second Professional Examinations:**

(DVM III or Fourth Year of Study in the University). This examination shall be administered in two parts: Part ONE shall be held in March after three semesters of Professional training, while Part TWO shall be held in May/June after semesters of professional training.

- i. The subjects for part ONE of the second Professional Examination shall be administered in two parts;

First Semester of the fourth year of study shall be:-

- a. Veterinary Microbiology
- b. Veterinary Parasitology
- ii. The subjects for part TWO of the second Professional Examination (DVM III) which is held at the end of the second semester of the Fourth Year of Study shall be:-

- a. Veterinary Pathology
- b. Veterinary Pharmacology and Toxicology

**iii. Guidelines for the Second Professional Examinations:-**

- a. Candidates who fail in not more than TWO subjects in parts one or two of the Second Professional Examinations held in March/June May, after 3 months of additional professional training, present themselves for re-examination in those subjects during the September professional examination.
- b. Candidates who fail in more than TWO subjects in parts one or two of the second professional Examinations held in March/June shall be required to re-register for all the DVM professional courses (4<sup>th</sup> year of study in the university).
- c. Candidates who failed in any subject in September examination shall be required to re-register and present themselves for examination in all the third year professional courses of DVM II.

**3. Third Professional Examination**

(DVM IV or fifth year of study in the university) This examination shall be administered in two parts: part ONE shall be held in March after one semester of professional training, while part Two shall be held in May/June after one semester of professional training.

- i. The subject for part ONE of the third professional examination (DVM IV) which is held at the end of the first semester of the fifth year of study shall be.
  - a. Animal Production

- b. Veterinary Obstetrics and Reproductive Diseases
- c. Veterinary Public Health (including Veterinary Jurisprudence and Veterinary Biometrics)
- ii. The subjects for part TWO of the Third Professional Examinations (DYM IV) which is held at the end of the second semester of the fifth year of study shall be:-

- a. Veterinary Medicine (Small and Large Animal Medicine, Avian Medicine, Preventive Medicine, Laboratory and Zoo Animal Medicine)
- b. Veterinary Surgery (Small and Large Animal Surgery; Radiology; Applied Anatomy),

**iii. Guidelines for the Third Professional Examinations:**

- a. Candidates who fail in not more than two subjects in part ONE and TWO of the Third professional Examinations held in March/June may, after 3 months of additional professional training, present themselves for re-examination in those subjects during the September professional examinations.
- b. Candidates who fail in more than two subjects in part ONE and TWO of the Third professional Examinations held on March/June shall be required to re-register for ALL the DVM IV professional courses (5<sup>th</sup> year of study in the University).

**4. Fourth Professional Examination:**

(DVM V or Sixth Year of Study in the University). This Examination shall be administered after one semester of Professional Training.

- i. The subject for the FOURTH Professional Examination (DVM V) which is held at the end of the second semester of the sixth year of study shall be:-
  - a. Clinics (including Animal Behaviour and Restraint; Clinical Pharmacology. Clinical Parasitology, Clinical Pathology. Clinical Biochemistry and Project).

**ii. Guidelines for the Final Professional Examination:**

Candidates who fail in the subject of the Final Professional Examination held on May/June after 3 months of additional professional training present themselves for re-examination in that subject during the September professional examination. Candidates who fail to pass the subject of the First Professional Examination during the September professional examinations shall be required to re-register for all DVM V subjects and present themselves in all examinations of the DVM stage of the professional curriculum.

**10.7 General Examination Procedures:**

- 1. Before presenting themselves for Examination, candidate shall be required to have completed, to the satisfaction of the departments concerned, approved period of practical work or have also made 75% attendance at all practicals.
- 2. All professional Examinations shall consist of written, practical and/or oral Examinations. The exception shall be the examination in clinics which shall be entirely oral and practical examinations. The final score shall include results of continuous assessment in each subject mentioned under each professional examination.
- 3. Candidates shall present themselves for the prescribed examinations on the first occasion. Candidates who fail to satisfy the examiners in any of these subjects at the first attempt shall be required to present themselves for examination during the September professional examinations accordance with the DVM regulations.
- 4. Without prejudice to the foregoing regulations, candidates shall normally be allowed three attempts in all professional examinations. Any subsequent attempt at any of those examinations shall be with the permission of the senate on the recommendation of the Faculty Board of Veterinary Medicine.

## Chapter 9

### Academic Programmes

The following is a list of courses currently offered in the University. Nearly all Departments offer courses that are open to members of the University who are not enrolled with them for their major subject. Students should consult their advisers on this matter. Changes may be made in the courses at any time at the discretion of the Senate.

#### Course Abbreviations

ACC	Accountancy	LANG	Languages
ADE	Adult Education	LAW	Law
AEC	Agricultural Economics	LIN	Linguistics, Igbo & Other Nigerian Languages
ABE	Agricultural & Bioresources Engineering	LS	Library Science & Information Technology
AGX	Agricultural Extension	MAC	Mass Communication
ANA	Anatomy	MAN	Management
ANE	Anaesthesiology	ME	Mechanical Engineering
ANS	Animal Science	MED	Medicine
ANT	Anthropology	MIC	Microbiology
ARC	Architecture	MKT	Marketing
ACH	Archaeology	MLS	Medical Laboratory Science
BCH	Biochemistry	MME	Metallurgy & Material
BF	Banking and Finance	MRH	Medical Rehabilitation
BIC	Medical Biochemistry	MTH	Mathematics
BIO	Biology	MUS	Music
BOT	Botany	NS	Nursing Science
CE	Civil Engineering	OBG	Obstetrics & Gynaecology
CHE	Chemical Engineering	PAE	Pediatrics
CHM	Chemistry	PALG	Public Administration & Local Government
COM	Community Medicine	PAT	Pathology
COMMED	Combined Medicine	PHA	Pharmacology
COS	Computer Science	PHARM	Pharmacy
CPY	Chemical Pathology	PHE	Physical Education & Recreation
CSC	Crop Science	PHIL	Philosophy
DENT	Dentistry	PHY	Physics
ECE	Electronic Engineering	PSC	Political Science
EDU	Education	PSY	Psychology
EE	Electrical Engineering	PYS	Human Physiology
ENGR	Engineering	PYS	Physiology
ESM	Estate Management	RCS	Religion and Cultural Studies
FAA	Fine & Applied Arts	RAD	Medical Radiography & Radiological Sciences
FRE	French	RUS	Russian
FST	Food Science & Technology	SOC	Sociology/Anthropology
GEOG	Geography	SSC	Soil Science
GER	German	STA	Statistics
GLG	Geology	SUG	Surgery
GSP	General Studies	TFS	Theatre and Film Studies
GSV	Geoinformatics and Surveying	TRM	Tourism
HAM	Health Administration	URP	Urban & Regional Planning
HAUS	Hausa	VA	Veterinary Anatomy
HED	Health Education	VM	Veterinary Medicine
HEM	Haematology and Immunology	VPE	Veterinary Parasitology & Entomology
HIS	History & International Studies	VPM	Veterinary Pathology & Microbiology
HND	Home Science and Management	VPP	Veterinary Physiology & Pharmacology
HND	Nutrition and Dietetics	VSO	Veterinary Surgery & Obstetrics
HND	Home Science, Nutrition & Dietetics	VTE	Vocational Teacher Education
HPE	Health and Physical Education	YORU	Yoruba
IGB	Igbo	ZOO	Zoology
INT SC	Integrated Science		



**School of General Studies****Dean's Office****Staff**

A.A. Nwosu, B.Sc., PGDE (Nigeria), M.Sc. (USA), Ph. D (Nigeria)	Professor/ Dean.
N. Ezeibe, B. A. Ed, M. A. Ed, M. A. (Nigeria)	Deputy Registrar/ School Secretary
N. Emezue B.Ed. (Nigeria)	Chief Executive Officer
J. O. Eze (HND)	Senior Confidential Secretary

**Humanities Unit****Staff**

P.I. Eze-Uzomaka, B.A., M.A. (Nigeria), Ph.D. (Sheffield)	Coordinator/ Reader
F.J. Oloidi, B.A., MPA, M.A., Ph.D. (Nigeria)	Senior Lecturer
C.N. Chukwudozie, B. Phil Rome, PGDE, M.A., M.A (Nigeria)	Lecturer I
J.U. Ikegwu. B.A., M.A., Ph.D. (Nigeria)	Lecturer I
G.C. Enebe, B.Ed., M. Ed., M.A (Nigeria)	Lecturer I
P.O. Ezeanya, B.Phil, B. Th. ), M.Th, LLB, Ph.D. (Nigeria)	Lecturer I
J.O. Uzuegbu, B.A., M.A. (Nigeria)	Lecturer I
C.I. Madukwe, B.A., M.A. (Nigeria)	Lecturer I
J.N. Ejikeme, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
M.E. Onwuama, B. Phil, B. Th, M.A, Ph.D.	Lecturer I
C.O. Agbo, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
E.J. Ibout, B.A., M.A. (Nigeria)	Lecturer I
A.C. Obiwulu, B.Phil., B.Th., M.Phil (Nigeria), Ph.D. Belgium	Lecturer I
A. C. Ajah, B.Phil Rome., B.A, M.A. Ph.D. (Nigeria)	Lecturer
C.A. Okoye, HND, B.A., B.Phil., M.A., Ph.D. (Nigeria)	Lecturer II
P.O. Agbo, B.A., M.A., Ph.D. (Nigeria)	Lecturer II
C.P. Onuorah, B.A., M.A., Ph.D., PGDE (Nigeria)	Lecturer II
J.N. Akah, B.A., M.A., Ph.D. (Nigeria)	Lecturer II
W.E. Anowia, B.A., M.A., Ph.D. (Nigeria)	Lecturer II
C.A. Ezema, B.A.Ed., M.Ed. Ph.D. (Nigeria)	Lecturer II
J.I. Obayi, M.Ed., B.A.Ed. Ph.D. (Nigeria)	Lecturer II
O.A. Enweonwu, B.A. M.A. Ph.D. (Nigeria)	Lecturer II
N.G. Ololo, B.A., M.A. (Nigeria)	Assistant Lecturer
O.O. Anozie, B.A., M.A. (Nigeria)	Assistant Lecturer
P.E. Udensi, B.A.Ed., M.A. (Nigeria)	Assistant Lecturer
K.O. Ulu, B.Sc., M.Sc., PGDE. (Nigeria)	Assistant Lecturer
N.V. Nnabuchi, B.A., M.A. (Nigeria)	Assistant Lecturer
O.V. Omeje, B.A., M.A. (Nigeria)	Assistant Lecturer
J.A. Onuoha, B.A., M.A. (Nigeria)	Assistant Lecturer
A.U. EZE, B.A., M.A. (Nigeria)	Assistant Lecturer
O.T. Oloidi, B.A., M.A. (Migeria)	Assistant Lecturer
U.D. Izueke, HND, B.Sc. (Nigeria)	Higher Executive Officer

**Courses****First Semester**

GSP 207Logic, Philosophy and Human Existence

**Course Requirement**

- A brief survey of the meaning and branches of Philosophy
- Major Schools of Philosophy
- Basic Concepts in Logic, basic terminologies in logic, validity & soundness, types of discourse, nature of arguments, techniques for evaluating arguments etc.
- Inductive and Deductive Arguments
- Fallacies
- Basic Symbolic Logic; conjunction, negation, affirmation, disjunction, equivalent and conditional statements, laws of thoughts, the method of deduction using rules of inference and bi-conditionals, qualification theory etc.
- Basic interpretations in Law-Critical thinking and innovation: conceptions and theories of creativity and innovation, practical enhancement of creativity and innovation.

- Human Rights and Social Justice
- Man's duties and responsibilities to the state and vice-versa
- Human values, social vices and virtues – Professional and Work-Ethics, perceptions and development of work ethics, organizational goals and work/professional ethics, benefits of professionalism to organizations and individuals., the ethics of some major professions such as teaching/ lecturing, medical practice, public service, etc.

### **Second Semester**

GSP 208 Nigerian Peoples and Cultures

#### **Course Description**

- Nigerian history; Cultures and Arts in pre-colonial times
- Evolution of Nigeria as a political unit
- Culture areas of Nigeria and their characteristics
- Nigerians' perception of the world
- National Integration
- Indigene/settler phenomenon
- Philosophy and national development: Philosophy of development, the meaning of development, the role of philosophy and ideology in development; major developmental epochs in Africa slave trade, colonization, anti-colonization and independence, neo-colonization and post-colonization, the failure and crisis of development in Africa.; theories of development and the reaction of African to the development crisis Afro-centralism and externalist passivism, Re-colonization thesis, Afro-pessimism, Afro-constructivism.
- Concepts of trade, economic self-reliance and social justice
- Individual and National Development – Values and Development, Values and Human Agency, choice and responsibility in national development, Personal philosophy of development the pursuit of excellence; concomitant values in the pursuit of excellence.
- Negative attitudes and conducts (cultism and related vices) values and attitudes that negate development.
- Re-orientation of moral and national values and moral obligations of citizens
- Environmental problems
- Language, Communication, Religion, Arts, Archaeology/Tourism and their relevance to national development.

### **Natural Science Unit**

#### **Staff**

F.I. Ezema, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor/Coordinator
P.U. Asogwa, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor/Head
M.O. Asogwa, B.Sc. (Enugu), M.Sc. (Nigeria)	Senior Lecturer
M.N. Awachie, B.Sc. (Australia), M.Sc., PGDE (Nigeria)	Senior Lecturer
J.U. Nwamarah, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
G.N. Onwubiko, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
G.T.O. Otitoju, B.Sc. (Zaria), M.Sc., Ph.D. (Nigeria)	Senior Lecturer
V.A. Ezekoye, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
E.B.I. Ugwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
B.C. Nweze, B.Sc., M.Sc. (Nigeria)	Lecturer I
C.U. Asuzu, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
J.E. Agwu, B.Sc., M.Sc. (Nigeria), Ph.D. (Ekpoma)	Lecturer I
F.C. Okoroigwe, B.Sc., M.Sc. (Nigeria)	Lecturer I
R.O. Ugwoke, B.Sc., M.Sc. (Nigeria)	Lecturer I
A.I. Atugwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
F.N. Ibeanu, B.Sc., M.Sc., PGDE, Ph.D. (Nigeria)	Lecturer I
A.C. Nwanya, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
K.O. Ugwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
C.C. Isuosuo, B.Sc., M.Sc. (Nigeria)	Lecturer II
J.I. Nzei, B.Sc., M.Sc. (Owerri)	Lecturer II
N.E. Nwankwo, B.Sc. (Enugu), M.Sc., Ph.D. (Nigeria)	Lecturer II
C.E. Nwankwo, B.Sc. (Rivers), M.Sc. (Aberdeen)	Assistant Lecturer
C.C. Eze, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
E.S. Okeke, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer



C.M. Okeke, B.Sc. (Nigeria)	Graduate Assistant
E.I. Nweze, B.Sc. (Nigeria)	Graduate Assistant
E.J. Enibe, B.Sc. (Nigeria)	Higher Technical Officer
N.S. Ekweozor, B.Sc. (Nigeria)	Higher Technical Officer
C. J. Okoye, B.Sc. (Uli)	Higher Technical Officer
E.N. Ndubuisi, NCE, B.Ed. (Nigeria)	Executive Officer
G.O. Ede, NCE, B.Ed. (Nigeria)	Assistant Executive Officer

### Objectives and Scope

The objective of the Natural Sciences is to stimulate student's interest in science, establish the inter-relationship between scientific disciplines and create an awareness of the services of science to man and the effects of science on human society. The course is offered to students who are majoring in the humanities and social sciences.

### First Semester

#### GSP 105: Natural Science I (2 Units)

Introduction to Natural Science I; Meteorology & Weather Forecasting; The Family: Secondary Sexual Development; Climate Change: Causes and Effects; Climate, Vegetations and Animals; Cell Theory and Heredity; Basic Structure of Matter; Energy Transformations in Biological Systems; Organisms in the Environment; The Concept of Force and Energy; Waves and Radiations; Concept of Evolution; Energy Transformations in Physical Systems; Solar & Stellar Systems; Elements, Compounds and Mixtures,

### Second Semester

#### GSP 106: Natural Science II (2 Units)

Introduction to Natural Science II; Space Science and Exploration; Common Chemical Reactions and their Uses; Conventional Sources of Energy; Origin and Nature of Man; Social Implications of Technological Development; Agricultural and Biological Research; Nature and Scope of Technological Development; Public Health and Environmental Sanitation; Nutrition and Health; Alternative Sources of Energy; Transport and Communications; Sickle Cell Anaemia & Its Management; Human Ecology and Population Dynamics; Stress: Causes and Management; AIDS: A Threat to Human Society; Origin and Evolution of Scientific Thought, Electricity and some Household Applications; Organic and Inorganic Compounds; Science, Technology and Inventions.

### Social Science Unit

#### Staff

A. O. Onu, B.Sc., M.Sc. (Nigeria)	Reader/Coordinator
J. E. Eze, B.Sc., M.Sc. Ph.D. (Nigeria)	Senior Lecturer
C. O. Obasi, B Phil, PGD MA, Ph.D. (Birmingham)	Lecturer I
D. O. Anyadike, B.Sc., M.A., M.Sc. (Nigeria)	Lecturer I
D. C. Ononogbu, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
C. N. Ibenwa, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
J. E. Nwofia, B.Sc., MPA, M.Sc. (Nigeria)	Lecturer I
N.C. Ayogu, B.Sc., M.Sc. Ph.D. (Nigeria)	Lecturer I
R.G. Nnamani, B.Sc., M.Sc. (Nigeria)	Lecturer I
C. F. Abada, B.Sc., M.Sc. (Nigeria)	Lecturer I
K. C. Udegbumam, B.A., M.A., (Nigeria) Ph.D. (Uyo)	Lecturer I
A. J. O. Iheanacho, Dip., BA,(Nigeria) MA, Ph.D. (Awka)	Lecturer I
E. C.Ngwu, B.Sc., M.Sc. Ph.D. (Nigeria)	Lecturer I
P. E. Ezeme, B.Sc., M.Sc.(Nigeria)	Lecturer I
M. D. Udoudom, B.Sc., M.Sc.(Uyo)	Lecturer II
C. C. Ugwu, B.Sc., M.Sc. Ph.D. (Nigeria)	Lecturer II
O. U.Igweonu, B.Sc., M.Sc. (Nigeria)	Lecturer II
F. N. Onah, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
I. O. Anthony-Orji, B.Sc., M.Sc. (Nigeria)	Lecturer II
K. O. Ilo, B.Sc., M.Sc. (Nigeria)	Lecturer II
C. E. Nwankwo, B.Sc., M.Sc. (Nigeria)	Lecturer II
V. C. Nwokocha, B.Sc., M.Sc. (Nigeria)	Lecturer II
P. O. Okonta, B.Sc., M.Sc. (Nigeria)	Lecturer II
H. C. Nnadi, B.Sc. PGD, M.Sc. (Nigeria)	Lecturer II

Q. C. Chukwu, B.Sc., M.Sc. (Nigeria)	Lecturer II
C. C. Mbaegbu, B.Sc., M.Sc. (Nigeria)	Lecturer II
U. C. Kalu, HND, PGD, M.Sc. (Nigeria)	Lecturer II
V. C. Iwuoha, B.Sc., M.Sc. (Nigeria)	Lecturer II
M. E. Nwokedi, B.Sc., M.Sc. Ph.D. (Nigeria)	Lecturer II
E. N. Agujiobi, B.A. (Rome), M.A., Ph.D. (Nigeria)	Lecturer II
S. E. Oloto, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
O. Sabo, B.Sc., M.Sc. (Jos)	Assistant Lecturer
U. K. Oko, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C. J. Aliche, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C. A. Okoro, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
D. Obi, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
B. O. Ajah, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
B. C. Ikekonwu, B.Sc. (Ota) M.Sc. (Birmingham)	Assistant Lecturer
D. C. Onyejegbu, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
E. O. Anyoko-Shaba, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
O. K. Ekene, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
E. Ekekwe, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C. V. Ogbuk, a B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
U. N. Nweze, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
M. O. Eze, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
J. I. Odinka, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
E. C. Obiefuna, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
E. C. Onuoha, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
J. J. Oguadinma, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
P. O. Uba-uzoagwa, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
S. O. Kalu, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
A. C. Ozor, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C. U. Chukwuk, a B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
J. C. Anih, B.A., M.A., PGDE (Nigeria)	Assistant Lecturer
H. C. Okoro, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C. C. Onah, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C. N. Nduka, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C. O. Idoko, B.Sc., M.Sc. (Enugu), PGD (Nigeria)	Assistant Lecturer
U. C. Obieke, B.A., M.A., (Nigeria)	Assistant Lecturer
O. M. Awa-Samuel, B.Sc. M.Sc. (Nigeria)	Assistant Lecturer
R. C. Umeh, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
J. C. Onu, B.Sc. (Nigeria)	Graduate Assistant
V. C. Ishiwu, B.Sc. (Nigeria)	Graduate Assistant
E. N. Uzuegbu, B.Sc. (Nigeria)	Higher Technical Officer
N. I. Kanemeh, B.Sc. (Nigeria)	Higher Technical Officer
J. C. Emenikeh, HND (Enugu)	Higher Technical Officer
S. I. Mama, B.Sc. (Nigeria)	Higher Technical Officer
S. C. Ezea, B.Sc. (Nigeria)	Higher Technical Officer
D. I. Asogwa, B.Ed. (Nigeria)	Assistant Executive Officer

## Courses

### First Semester

GSP 201 The Social Sciences (2 Unit)

### Course Objective

This course is aimed at introducing the students to the disciplines in the Social Sciences bringing out their anthropocentric nature. Students are taught the application of the principles of the various disciplines in the Social Sciences to the problems in Nigeria and the world.

### Scope

It is aimed at equipping the students with the ability to apply basic analytical tools and methodologies in the analysis of social structures, relationships and social processes. It also exposes students to the relationship between Social Sciences as academic disciplines and the General Studies programme as pioneered and sustained by the University of Nigeria.

**Second Semester**

GSP 202 – Issues in Peace and Conflict Studies (2 units)

**Course Objective**

The National Universities Commission in collaboration with the University for Peace, an affiliate of the United Nations, recommends this course as part of the General Studies programme in all universities in Nigeria. The course is compulsory for all undergraduates of the University irrespective of their specializations. It is designed to expose students to the basic Principles of Peace and Conflict Studies (PCS) and by so doing contribute to the reduction of intra- and inter-group strife and promote harmonious co-existence without which sustainable development is impossible.

**Scope**

Applicable social science methods are addressed. Students are taught the theories of peace and conflict and the nature of these as social phenomena. Students are also taught the processes of conflict management, conflict resolution, and the working of the various agencies involved in these processes in traditional settings and at national and international levels.

**The Use of English Unit***Staff*

L. C. Ogenyi, B. A. Ed (Port Harcourt), M. A., Ph. D. (Nigeria)	Professor/ Coordinator
C. L. Ngonebu, B. A., M. A., Ph.D. (Nigeria)	Professor
J. C. Ogbodo, B. A. (Ife), M. A. (Nigeria)	Senior Lecturer
C. J. Dikenwadike, B. A., M. A. (Paris)	Senior Lecturer/ Coordinator, 2015 - 2017
B. O. Nwokolo, B. A., M. A. (Nigeria)	Senior Lecturer
U. N. Okebalama, B. A., M. A. (Nigeria)	Lecturer I
C. C. Ezekwesili, B. Ed, B. A., M. A. (Nigeria)	Lecturer I
V. O. Eze, B. A., M. A. (Nigeria)	Lecturer I
W. O. Ugwuagbo, B. A., M. A., Ph.D. Nigeria)	Lecturer I
G. C. Kadiri, B. A., M. A., Ph.D. (Nigeria)	Lecturer I
I. I. Agbo, B. A. (Abakaliki), M. A., Ph.D. (Nigeria)	Lecturer II
E. C. Krisagbedo, B. A., M. A. (Nigeria)	Lecturer II
F. U. Ngwoke, B. A., M. A., Ph.D. (Nigeria)	Lecturer II
J. C. Okoro, B. A., & M. A. (Nigeria)	Assistant Lecturer
J. A. Ozoemena, B. A. (Uli), M. A. (Awka)	Assistant Lecturer
A. G. Nwuche, B. A. (Awka), M. A. (Nigeria)	Assistant Lecturer
H. I. Okafor, B. A., M. A. (Nigeria)	Assistant Lecturer
C. O. Nwaka, B. A. (Owerri), M. A. (Nigeria)	Assistant Lecturer
O. C. Unachukwu, B. A., M. A. (Nigeria)	Assistant Lecturer
I. David-Ojukwu, B. A., M. A. (Nigeria)	Assistant Tutor
M. C. Okoye, B. A., M. A. (Ibadan)	Lecturer I
G. N. Eze, B. A. Ed. (Port Harcourt) M. A. (Awka)	Assistant Lecturer
E. N. Ejike, B. A. (Owerri), M. A. (Abuja)	Assistant Lecturer
O. C. Okeugo, B. A., M. A. (Nigeria)	Assistant Lecturer
O. O. Okemini, HND, PGD, MPA, M.Sc. (Nigeria)	PEO II
J.E. Onugwu, B. A. (Nigeria)	Higher Technical Officer
B.K. Okechukwu, B. Sc Ed (Nigeria)	Higher Technical Officer II
A.C. Ordi, B. A. (Nigeria)	Higher Technical Officer II
P.O. Ifeanchor, B. A. (Nigeria)	Higher Technical Officer II

**First Semester**

GSP 101 Use of English Unit I (2 Unit)

**Objective and Scope:** The aim of GSP 101 (The Use of English is to teach students study skills which they require for their academic work in the University. These skills include listening, reading, notetaking techniques, using the library and writing a term paper, etc. The course also emphasizes oral communication and speech work. The course comprises Study skills, The Use of Library and basic Research Methods.

**Second Semester**

GSP 102 Use of English Unit II (2 Units)

**Objectives and Scope:** The aims of the course are to help students

- i. To develop competence in the use of English through knowledge of the basic principles of grammar. At the end of the component, students should be able to apply grammatical prescriptions correctly in speech and writing.
- ii. To understand the nature of the writing process as different from speeches
- iii. To understand the basic unit of every writing process the sentence and its parts:
- iv. To be able to write a paragraph and essay of different kinds,
- v. To acquire knowledge of writing other forms of modern communication the form and style of technical writing.
- vi. To learn the principle/Techniques of book reviews, and
- vii. To acquire the basic principles of modern information techniques.

**Enugu Campus**

B.A. Amujiri, B.A., M.Sc., Ph.D.(Nigeria)	Senior Lecturer/Ag. Coordinator
N.E.E. Achebe, B.Ed., M.Ls.(Ibadan), M.Ed., Ph.D. (Nigeria)	Professor
B. C. Nweze, B.Sc., M.Sc. (Nigeria)	Lecturer I
C. C. Ezekwesili, B.A., M.A., M. Ed., Ph.D. (Nigeria)	Lecturer I
G.O. Enebe, B.Ed., M.Ed. (Benin)	Lecturer I
P.O. Ezeanya, Dip.(Rome), B.L.(Enugu), LL.B. (Awka), B.Phil., B.Th.(Rome), M.Th.(Calabar), M.A.(Rome), Ph.D. (Nigeria)	Lecturer I
F. C. Okoroigwe, B.Sc., M.Sc. (Nigeria)	Lecturer I
M. C. Okoye B.A. (Ibadan) M.A. (Ibadan) G.G.D.E (Kaduna)	Lecturer I
C. N. Ayogu, B.Sc., M.Sc. (Nigeria), Ph. D (Nigeria)	Lecturer I
R. G. Nnamani, B.Sc., M.Sc. (Nigeria)	Lecturer I
C. O. Obasi, B.Phil (Rome), B.Th. (Rome), PGD (Imo), M.A. (UK), Ph.D. (UK)	Lecturer I
E. M. Onwuama, HND (Enugu), B.Th.(Rome), B.Phil. (Rome), M.A., Ph.D. (Nigeria)	Lecturer I
A. Obiwulu, B. A, B.Th. (Nigeria), M.A. (Louvain), Ph. D (Louvain)	Lecturer I
C. Okoye, (Sabbatical)	Lecturer II
C. Njoku, (Sabbatical)	Lecturer II
N.G. Ezech, B.Ed. (Port Harcourt), M.A. (Awka)	Lecturer II
P. O. Agbo, B.Sc., M.A., Ph.D. (Nigeria)	Lecturer II
O.A. Enweonwu, B.A. (Nigeria), M.A., Ph.D. (Awka)	Lecturer II
R.O. Ugwoke, B.Sc., M.Sc. (Nigeria)	Lecturer II
N. E. Ejike, B.A. (Imo), M.A. (Abuja)	Assistant Lecturer
J. A. Onuoha, B.A. (Nigeria), PGDE.(Enugu), M.A., M.A., Ph.D. (Nigeria)	Assistant Lecturer
A.U. Eze, B.A., M.A. (Nigeria), Ph.D. (Nigeria)	Assistant Lecturer
D. C. Onyejegbu	Assistant Lecturer
D. O. Obi, B.Sc. (Enugu), M.Sc. (Imo), PDE (Enugu)	Assistant Lecturer
A.B. Okorie, B.Sc. (Ebonyi), M.Sc. (Awka)	Assistant Lecturer
B.C. C. Onyekonwu, B. Sc.(Covenant Uni.), M.Sc. (United Kingdom)	Assistant Lecturer
C. N. Udechukwu, B. Ed (Nigeria), M.A. (Nigeria)	Assistant Lecturer
E. Ekekwe, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
O. Okugo, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
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C. Obiefuna, B.Sc. (Nigeria), MBA (Enugu), M.Sc. (Enugu)	Assistant Lecturer
C. C. Onah, PGDE (NOUN), B.Sc. (Enugu), M.Sc. (Enugu)	Assistant Lecturer
C. C. Uzochukwu, B.Sc. (Nigeria), M.Sc. (Enugu)	Assistant Lecturer
J. N. Igwillo, HND, PGD (Nigeria), M.Sc. (Nigeria)	Principal Conf. Secretary I
O. B. Ihechineke, B.Sc. (Enugu)	Principal Executive Officer II
L. C. Ifechukwu, B.Sc. (Enugu)	Higher Executive Officer
O. A. Ukekwe, B.A. (Nigeria), PGD (Sokoto)	Higher Technical Officer I
N. H. Nwanmuoh, B.Sc. (Enugu)	Higher Technical Officer II
N. I. Kanemeh, B.Sc. (Nigeria)	Higher Technical Officer II

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**Faculty of Agriculture****Dean's Office****Staff**

B. C. Echezona, B.Sc., M.Sc., M.Ed., Ph.D. (Nigeria)  
 N. B. Mgbemene, B.A. (Benin), M.F.A. (Nigeria)  
 C. M. O. Asogwa, B.Sc., M.Sc. (Nigeria)  
 K. O. Okengwu, B.Sc. (Nigeria)  
 C. O. Mbah, B.Sc., M.Sc. (Nigeria)  
 R. N. Chidume, B.Ed., M.A., M.L.S. (Nigeria)  
 C. J. Olajide, B.Sc. (Ebonyi)  
 A. U. Imoh, NCE, B.Ed. (Nigeria)  
 H. U. Ezema, B.Sc. (Enugu)  
 C Ebirim, B.Ed. (Nigeria)

Dean  
 Faculty Officer  
 Administrative Officer  
 Assist. Chief Executive Officer  
 Principal Executive Officer II  
 Principal Executive Officer II  
 Senior Technical Officer  
 Senior Executive Officer  
 Higher Technical Officer II  
 Higher Technical Officer II

**Department of Agricultural Economics****Staff**

S.A.N.D. Chidebelu, B.Agric. (Nigeria), M.Sc. (Guelph, Canada), Ph.D. (Georgia, USA).	Professor/Head 2014-2017
E. C. Eboh, B.Agric. (Nigeria), M.Sc. (Ibadan), Ph.D. (Nigeria)	Professor
N. J. Nweze, B.Agric., M.Sc., Ph.D. (Nigeria)	Professor/Head
C.J. Arene, B.Agric., M.Sc., Ph.D. (Nigeria)	Professor
C. U. Okoye, B.Agric., M.Sc., Ph.D. (Nigeria)	Professor
A. I. Achike, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
A.A Enete, B.Sc., M.Sc. (Nigeria), M.Sc., Ph.D. (Kul)	Senior Lecturer
A. N. Onyekuru, B.Agric., M.Sc. (Nigeria), Ph.D. (York)	Senior Lecturer
N. Chukwuone, B.Agric., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
B. C. Okpukpara, B.Agric., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
A. B. C. Ezeibe, HND, PGD, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
PB. I. Njebuome, B.Sc. (Benin), M.Sc. (Nigeria)	Lecturer I
E. C. Amaechina, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
P. I. Opata, B.Agric., M.Sc., Ph.D. (Nigeria)	Lecturer I
R. N. Arua, B.Agric. (Nigeria), M.Sc. (Greenwich, UK)	Lecturer I
C. S. Onyenekwe, B.Agric., M.Sc. (Nigeria)	Lecturer II
C. U. Ike, B.Agric., M.Sc. (Nigeria), PGD, MPhil (Stellenbosch)	Lecturer II
S. N. Chiemela, B.Agric. (Nigeria), M.Sc. (Ethiopia)	Lecturer II
K. P. Adeosun, B.Agric. (Nigeria), M.Sc. (Wageningen)	Lecturer II
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A. P. Nnaji, B.Agric. (Nigeria), M.Sc. (Reading)	Lecturer II
J. C. Ibe, B.Sc, M.BA (Awka), M.Sc., Ph.D. (Nigeria)	Lecturer II
I. I. Umaru, B.Sc. (Zaria), M.Sc., Ph.D. (Yola)	Lecturer II
C. Chiemela, B.Agric., M.Sc. (Nigeria)	Assistant Lecturer
E. J. Ihemezie, B.Agric. (Nigeria), M.Sc. (Leeds, UK)	Assistant Lecturer
C. C. Onyia, B.Agric., M.Sc. (Nigeria)	Assistant Lecturer
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E. E. Omeje, B.Agric. (Eonyi), M.Sc. (Nigeria)	Assistant Lecturer
D. M. Onuigbo, B.Agric. (Nigeria), M.Sc. (Bogor, Indonesia)	Assistant Lecturer
O. G. Onah, B.Agric., M.Sc. (Nigeria)	Assistant Lecturer
I. C. Ukwuaba, B.Agric., M.Sc. (Nigeria)	Assistant Lecturer
T. G. Umeonuora, B.Agric., M.Sc. (Nigeria)	Assistant Lecturer
C. M. Iлека, B.Agric., M.Sc. (Nigeria)	Assistant Lecturer
C. O. Ume, B.Agric. (Nigeria), M.Sc. (Leeds, UK)	Assistant Lecturer
N. C. Onyekwe, B.Sc. (Maiduguri), M.Sc. (Nigeria)	Assistant Lecturer
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K. N. Nwangwu, B.Agric. (Nigeria)	Graduate Assistant
C. O. Oranu, B.Agric., M.Sc. (Nigeria)	Assistant Lecturer
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A. C. Okoro, B.Agric. (Nigeria)	Graduate Assistant
L.N. Uzuegbu, B.Agric. (Nigeria)	Assistant Chief Technical Officer

G. C. Emeahara	Senior Data Processing Officer II
U. O. Ochonma	Senior Executive Officer
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P. N. Ike, B.Agric. (Nigeria)	Higher Agricultural Superintendent
T. L. Onah, B.Agric. (Nigeria)	Higher Technical Officer II
C. C. Udoha, B.Agric. (Nigeria)	Higher Technical Officer II
O. F. Ezegbe, B.Agric. (Nigeria)	Higher Technical Officer II
U. F. Kalu, B.Agric. (Abia)	Higher Technical Officer II
B. O. Attamah, B.Agric. (Enugu)	Higher Technical Officer II
N. J. Nnamani, B.Tech.Agric. (Mina)	Higher Technical Officer II
JP. T Offorma, B.Agric. (Enugu)	Higher Technical Officer II

### History

The Department of Agricultural Economics, University of Nigeria Nsukka, is one of the seven Departments in the University's Faculty of Agriculture. The Department started in 1961 as the Department of Agricultural Economics and Extension. It was later split into two respective Departments of Agricultural Economics and Extension in 1981. The broad span of its curriculum for training of persons in both the agricultural and other sectors of the economy makes the Department a most popular choice by students.

For a meaningful academic pursuit, the Department has a Departmental Library which houses books and research reports in different areas of Agricultural Economics. There are also, a Faculty Library and the Main University Library at the service of both staff and students. These libraries stock journals, textbooks and governmental and non-governmental publications relevant to the discipline. The Department also has an Information Technology Laboratory for the training needs of the students. In addition to the undergraduate programme, the Department has a large postgraduate programme. In terms of numerical strength, it runs one of the largest postgraduate programmes in the University. Services of specialists in the Department are also available for training and consultancy services in all areas of Agricultural Economics. The Department offers programmes at the Undergraduate and Graduate levels. The undergraduate level programme runs a five year programme leading to the degree of Bachelor of Agriculture, with a specialization in Agricultural Economics. The Graduate programme offers courses leading to a Post Graduate Diploma, Master of Science and Doctor of Philosophy in Agricultural Economics.

### Philosophy

Agricultural Economics applies the analytical models of economics to agricultural problems. It applies the principles of choice in the use of scarce resources such as land, labour capital and management in farming and allied activities. It seeks to offer practicable solutions in using scarce resources of the farmers for maximization of income.

### The Undergraduate Programme

The programme is designed to provide broad theoretical and practical training in the basic agricultural sciences for the first three years, and a full year's practical training in approved farms and other agro-based establishments during the fourth year. In the fifth and final year, the student is given courses in the following areas of Agricultural Economics, namely: Farm Management & Production Economics, Economic Analysis, Quantitative Techniques, Agricultural Finance, Farm Accounting and Records, Project Analysis, Agricultural Development Planning and Policy, Agricultural Marketing and Co-operatives, Methods of Social Science Research. In addition, each student undertakes a project on a specified agricultural problem under the supervision of an academic staff. The programme philosophy is to train students in the application of the analytical models of economics to agricultural problems. At the completion of the course, the graduate would have acquired adequate knowledge and skill in agriculture and related areas for a career in agricultural and rural development.

### Objectives and Scope

The programme is designed to provide broad practical and theoretical training in the basic agricultural sciences for the first three years and a full year's practical training approved farms and other agro-based establishments during the fourth year. In the fifth or final year, the student is given intensive courses in the following areas of Agricultural Economics, namely: Farm Management and Production Economics,

Economic Theories, Quantitative Techniques, Agric Finance and Project Analysis, Cooperative and Economic Development.

The broad objective of the programme is to provide our graduates with requisite knowledge, skills and attitudes that will enable them to apply relevant economic principles to the real life problems of Nigerian agriculture. The programme is designed to provide broad practical and theoretical training in the basic agricultural sciences for the first three years and a full year's practical training in approved farms and other agro-based establishments during the fourth year. In the fifth or final year, the student is given intensive courses in the following areas of Agricultural Economics, namely, Management, Production Economics, Economic Analysis, Econometrics, Marketing, Farm Accounting and Records, Cooperatives, Agricultural Finance, Agricultural Development and Policy, Planning and Appraisal Methods of Social Research. In addition, each student undertakes a project on a specified agricultural problem under the supervision of a member of the academic staff of the Department. At the end of the programme, the B. Agric graduate would have acquired adequate knowledge and skill in agriculture and related areas that would provide solutions to Nigeria's agricultural and rural development problems and improve agricultural productivity in general. Some utilize their skills to establish and operate their own farm enterprises.

### Entry Requirement

Candidates secure admission into the Department through the UME entrance examination and direct entry. Candidates for admission by UME entrance examination must satisfy the University entry requirements and in doing so, must have obtained credits in Chemistry, Biology or Agricultural Science, Mathematics, English and the fifth credit can be Physics, Economics or Geography in the West African School Certificate Examinations, and/or Senior Secondary Certificate (SSC). Holders of Higher School Certificate, Higher National Diploma, ND University Diploma and Nigeria Certificate in Education especially with good passes in Chemistry and Biology or Agricultural Science as well as credit in Mathematics at the Ordinary Level are considered for Direct Entry. In this case, they may complete the degree programme in four or three years depending on qualification. For Direct Entry, candidates are required to obtain passes at the GCE A' level in Chemistry and Biology. Candidates with Higher National Diploma (HND) and National Certificate in Education (NCE) and who have good passes in the relevant subjects at ordinary level are also considered for Direct Entry.

### Service Courses

The Department offers courses in Farm Management to students of Agricultural Engineering and Agricultural Extension; The Department also offers Economics of Agriculture to students of Estate Management and Urban and Regional Planning Departments.

### Job Opportunities

Graduates of this Department are employed in Credit/Corporate Finance Departments of commercial, merchant and development banks; agricultural consultancy firms; Agribusiness; Research Institutes; Agricultural Development Projects; Ministries of Agriculture, Rural Development, Cooperatives, and Budget and Planning. In fact, as the economy develops more, agricultural economists would be required in various sectors of the economy such as commodity exchanges and in international agencies or organizations.

### Stress Areas

Production Economics/Farm Management	0
Marketing and Agribusiness	1
Accounting	2
Cooperatives	3
Finance	4
Agricultural Development/Policy and Planning	5
Research Method	6
Project	9

### Five-Year Degree Programme

#### First Year

#### First Semester

CODE	TITLE	UNITS
<b>Required Ancillary Course</b>		
AGR 101	Biomathematics	2
CHM 101	Basic Principles of Inorganic Chem. I	2



MTH 111	Elementary Mathematics I	3
BIO 151	General Biology I	3
CHM 171	Basic Practical Chemistry	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 111	Use of Library and Study Skills	2
		16
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
AGR 102	Agricultural Physics	4
CHM 112	Basic Principles of Physical Chemistry II	2
CHM 122	Basic Principles of Organic Chemistry III	2
BIO 152	General Biology II	3
BIO 154	General Biology (Practical)	2
<b>General Studies Course</b>		
GSP 102	The Use of English II	2
		15
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
AGR 201	General Agriculture	3
CSC 211	Principles of Forestry	2
SSC 211	Principles of Soil Science	2
CSC 221	Principles of Crop Biology & Introductory Biotechnology	2
ANS 241	Nutrition, Anatomy & Physiology of Farm Animals	2
COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 201	Basic Concepts & Theory of Peace	2
GSP 207	Humanities I	2
		17
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
AEC 202	Principles of Agricultural Economics	4
HND 102	Introduction to Home Science, Nutrition & Dietetics	2
FST 102	Introduction to Food Science & Technology	2
CSC 222	Principles of Crop Production	2
ANS 222	Introduction to Agricultural Biochemistry	2
SSC 242	Climatology and Biogeography	3
ANS 272	Fisheries & Wildlife Management	2
ANS 274	Principles of Animal Production	2
<b>General Studies Courses</b>		
GSP 202	Issues in Peace & Conflict Resolution Studies	2
GSP 208	Humanities II	2
		23
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
AEC 301	Basic Farm Management & Production Economics	3
AEX 311	Introduction to Agricultural Extension & Rural Sociology	2
CSC 321	Arable Crop Production & Crop Ecology	2
SSC 321	Pedology	2
CSC 331	Principles of Crop Protection	2
ANS 371	Non-Ruminant Animal Production	2
CED 341	Introduction to Entrepreneurship	2

**Required Ancillary Course**

COS 201	Computer Programming I	2
		17

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

AEX 312	Extension Teaching Methods	2
AGR 302	Agricultural Statistics & Data Processing	2
CSC 322	Crop Genetics and Breeding	2
ANS 322	Agricultural Biochemistry and Methods	2
CED 342	Business Development and Management	2
CSC 342	Permanent Crop Production	2
SSC 362	Soil Chemistry and Microbiology	2
ANS 372	Ruminant Animal Production	2

**Required Ancillary Courses**

ABE 306	Introduction to Farm Machinery	2
ANS 332	Animal Genetics and Breeding	2
		20

**Service Courses (UNEC)**

AEC 303	Economics of Agriculture I	2
AEC 304	Economics of Agriculture II	2

**Fourth Year (Practical)****First Semester**

CODE	TITLE	Units
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**Major Courses**

CSC 421	Crop Production & Biotechnology Techniques	4
SSC 431	Soil Survey, Farm Design and Land Use Planning	2
ANS 471	Animal Husbandry Techniques	3
AGR 401	Agricultural Products Storage	2
CSC 431	Crop Protection and Pest Control	2
SSC 441	Agricultural Meteorology, Irrigation and Drainage	2
		15

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

AEC 422	Farm Management and Accounting Practice	2
AGR 402	Farm Work Project & Report Writing	6
AEX 412	Agricultural Extension Practices	2
SSC 462	Soil Fertility, Soil and Water Management	2

**Required Ancillary Courses**

ABE 412	Agricultural Engineering Practical	2
AHP 433	General Animal Production in Health & Diseases	2
		16

**Fifth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

AEC 501	Economic Analysis	2
AEC 503	Agricultural Production Economics & Farm Management	2
AEC 511	Agricultural Marketing	3
AEC 521	Farm Accounting and Records	1
AEC 561	Methods of Social Research	3

**Required Ancillary Courses**

AEX 515	Agricultural Extension Administration	2
AEX 513	Communication and Diffusion of Innovation	2
AEX 517	Program Planning In Extension	2
CSC 521	Field Crops	2
		20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
AEC 512	Agribusiness Management and Finance	2
AEC 532	Agricultural Cooperatives	2
AEC 554	Agricultural Development and Policy	2
AEC 552	Planning and Appraisal of Agricultural Projects	2
AEC 562	Introduction to Econometrics	2
AEC 592	Project	4
<b>Required Ancillary Courses</b>		
AEX 522	Rural Community Development	2
AEX 514	Advanced Rural Sociology	2
ANS 572	Cattle, Sheep and Goat Production	2
		<hr/> 20

### Department of Agricultural Extension

#### Staff

E. A. Onwubuya, B.Sc., M.Sc. (Nigeria), Ph.D. (Enugu)	Professor
M. C. Madukwe, B.Agric., M.Sc., Ph.D. (Nigeria)	Professor
E. M. Igbokwe, B.Agric., M.Sc., Ph.D. (Nigeria)	Professor
A. E. Agwu, B.Agric., M.Sc., Ph.D. (Nigeria)	Professor
M. U. Dimelu, B.Agric., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
N. Ozor, OND, B.Agric., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
J. C. Iwuchukwu, B.Agric., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
J. M. Chah HND, PGD, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
A. N. Asadu, B.Agric., M.Sc., Ph.D. (Nigeria)	Lecturer I
C. E. Nwobodo, B.Agric., M.Sc. (Nigeria), Ph.D. (Reading & Nigeria)	Lecturer I
C. J. Ayogu, B.Agric., M.Sc. (Nigeria)	Lecturer I
I. Q. Anugwa, B.Agric., M.Sc. (Nigeria)	Lecturer I
O. I. Nnadi, B.Agric., M.Sc. (Nigeria)	Lecturer II
R. I. Ozioko, B.Agric., M.Sc. (Nigeria)	Assist. Lecturer
J. C. Okoro, B.Agric., M.Sc. (Nigeria)	Assist. Lecturer
C. O. Attamah, B.Agric., M.Sc. (Nigeria)	Assist. Lecturer
V. A. Ohagwu B.Sc. (Enugu)	Graduate Assist.
C. E. Udoeye, B.Agric. (Nigeria)	Graduate Assist.
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E. C. Ohama B.Sc. (Umudike)	Higher Technical Officer
I. C. Itodo, B.Agric. (Nigeria)	Higher Technical Officer
F. O. Ojo, B.Agric., Tech (Akure), M.Sc. (Nigeria)	Higher Technical Officer
P. O. Arigbo, B.Agric. (Umudike), PGDE (Kaduna), M.Sc. (Umudike)	Higher Technical Officer II
C. Offorma, B.Sc. (Ebonyi)	Extension specialist Assistant
B. N. Ugwuja. NCE, B.Sc. (Nigeria)	Principle Executive Officer II
M. U. Ugwuogwu, NCE	Chief Data Entry Operator/Asst. Exec Officer

#### Brief History

The programme in Agricultural Extension in the University of Nigeria was initiated at the instance of UNICEF in 1965, when the agency entered into an agreement with the University to support the programme for a period of five years. This was done because it was realised that the programmes of the Faculty of Agriculture were defective without a programme in Agricultural Extension. Agricultural development was conceptualised as a system held in place by three important links – agricultural education (which includes soil, crop and animal scientists as well as agricultural economists and extension experts), agricultural research and agricultural extension. The omission of agricultural extension in the Faculty programme was thought a serious one because research and other activities carried out in soil, crops and animals were useless unless their findings were made available to and accepted by farmers; hence, the need for a programme in agricultural extension.

At the inception of the programme in 1965, agricultural extension was organised as part of the Department of Agricultural Economics and Extension because of lack of teaching staff and other logistic support. In 1973/74, the curricular of the Department of Agricultural Economics and Extension were restructured to permit two degree options – Agricultural Economics and Agricultural Extension. In 1981, as a result of greater national awareness of the importance of agricultural extension, the University Senate

created a separate Department of Agricultural Extension. The programme started in 1981; the trend in student enrolment at undergraduate and postgraduate levels as well as staff disposition has been in the upswing. The department had always had full accreditation from the Nigerian Universities Commission (NUC) since inception.

### **Philosophy**

The founding fathers of the University of Nigeria believed that there was need to train Nigerian youths locally, and in sufficient numbers, for the formidable task of disseminating useful and practical information from the research base to the rural farm families' for sustainability in food production. Agricultural Extension is based on the philosophy that rural people are intelligent, capable and desirous of receiving information and making use of it for their individual and community welfare. It is purely voluntary and democratic in its approach to people. It is truly anchored on the principle of working with rural farm families where they are, build on what they have, add to what they know and enabling them to develop themselves. The underlying philosophy of the programme therefore, is to high level Agriculture Extension manpower in agricultural production and rural life.

### **Objectives**

The objectives of the programme are to:

1. produce graduates who can put into practice the skills and knowledge gained during practical year by engaging in farming enterprises after leaving school, and demonstrating that farming is a profitable venture thereby contributing meaningfully to industrial and national development;
2. produce a set of new future farmers with technical, productive and entrepreneurship skills who can positively influence agricultural and rural development policies;
3. conduct research and to provide a comprehensive and adequate programme of higher education for leaders in the field of agricultural extension and rural development;
4. improve the quality of rural life of the people in the neighbouring communities through outreach programmes; and
5. create a favourable teaching – learning process that will facilitate a mastery of the concepts, principles, theories, positive attitude, aspiration and skills needed to effectively disseminate innovations (improved technologies, practices and systems) to rural farm-families.

### **Scope**

The programme was designed to inculcate a good understanding of relevant branches of the natural and management sciences which form the basis of a co-ordinated sequence of applied courses offered in the penultimate and final years. An essential feature of the programme is that opportunities are provided for students to gain a broad training in the basic agricultural sciences in the first three years, and a full year's practical training, during the fourth year of the programme, while the fifth or final year is the year of specialization. The requirements for the degree thus include the completion of the general studies programme of the University, required ancillary courses, necessary electives and the completion of specialized courses in Agricultural Extension. The duration of the course is five years for Unified Tertiary Matriculation Examination (UTME) and four years for direct entry candidates

### **Entry Requirements**

The Department has two modes of entry. They are:

- i. U.T.M.E entry; and
- ii. Direct Entry.

#### **i. Unified Tertiary Matriculation Examination (UTME)**

Candidates seeking admission through the U.T.M.E are required to have five credit level passes in the Senior Secondary Certificate Examination (S.S.C.E); West African Senior Secondary Certificate Examination (WASSCE); National Board for Technical Education and Business (NABTEB) or its equivalent. These should include English Language, Biology/or Agricultural Science, Chemistry, either Mathematics or Physics and one social science subject (Economics or Geography) in not more than two sittings.

#### **ii. Direct Entry**

To qualify for Direct Entry, candidate must have met the UTME requirements in the relevant subjects plus passes in two subjects at 'A' level in Chemistry and any of the following subjects: Biology, Botany, Zoology, Agricultural Science, Economics, Physics, Geography, Geology or Mathematics. The Department also accepts OND, NCE, HND in Agricultural Science/Animal Health and related fields with a minimum of Lower Credit (Merit) in addition to the UTME entry requirements.

### **Job Opportunities**

Job opportunities for graduates of agricultural extension exist in both the public and private sector such as State and Federal Ministries of Agriculture, Agricultural and Commercial Banks, private agricultural companies, research institutes such as National Institute for Oil Palm Research (NIFOR), Commercial Agricultural Development Programme (CADP), International Institute for Tropical Agriculture (IITA), Agricultural and Rural Management Training Institute (ARMTI) etc., Faculties of Agriculture, Schools of Agriculture, River Basin Development Authority, Agricultural Development Projects and International Organisations. In addition, graduates of Agricultural Extension, Innovation and Communication may become self-employed as farmers, consultants, agro-input dealers, etc. or work with Non-Governmental Organizations (NGO).

### Stress Areas

Foundational Courses	0
Agricultural Administration	1
Agricultural Development Communication	2
Extension Education	3
Planning and Evaluation of Extension Programmes	4
Rural Sociology	5
Gender Extension Programme	6
Environmental Extension	7
Statistics and Research Methods/ Seminar	8
Project	9

### Five Year Standard Programme in Agricultural Extension

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major course</b>		
AEX 101	Philosophy and Principles of Agricultural Extension	2
<b>Required Ancillary Courses</b>		
AGR 101	Biomathematics	2
BIO 151	General Biology I	3
CHM 101	Basic Principles of Chemistry I	2
CHM 171	Basic Practical Chemistry	2
MTH 111	Elementary Mathematics	3
<b>General Studies Course</b>		
GSP 101	The Use of English I	2
GSP 111	Use of Library	2
		<hr/> 18

##### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
AEX 132	Psychology in Extension	2
<b>Required Ancillary Courses</b>		
AGR 102	Agricultural Physics	4
BIO 152	General Biology II	3
BIO 154	General Biology (Practical)	2
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic principles of Organic chemistry	2
<b>General Studies Course</b>		
GSP 102	The Use of English II	2
		<hr/> 17

#### Second Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
AEX 201	Introduction to Agricultural Extension and Extension Teaching Methods	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer	2
AGR 201	General Agriculture	3
AEC 201	Principles of Agricultural Economics I	2

ANS 241	Nutrition Anatomy & Physiology of Farm Animals	2
CSC 211	Principle of Forestry	2
CSC 221	Crop Anatomy, Taxonomy and Physiology	2
SSC 211	Principles of Soil Science	2
<b>General Studies Courses</b>		
GSP 201	The Social Sciences	2
GSP 207	Humanities I	2
		21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
FST 102	Introduction to Food Science & Technology	2
HSN	Introduction to Home Science, Nutrition & Dietetics	2
AEC 202	Principles of Agricultural Economics II	2
ANS 222	Introduction to Agricultural Biochemistry	2
ANS 272	Fisheries & Wild Life Management	2
ANS 274	Principles of Animal Production	2
CSC 222	Principles of Crop Production	2
SSC 242	Climatology and Biogeography	3
<b>General Studies Courses</b>		
GSP 202	Issues in Peace & Conflict Resolution Studies	2
GSP 208	Humanities II	2
		21
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
AEX 301	Introduction to Rural Sociology	2
<b>Required Ancillary Courses</b>		
COS 201	Computer Programming I	2
AEC 301	Basic Farm Management	2
ANS 371	Non-Ruminant Animal Production	2
CSC 321	Arable Crop Production	2
CSC 331	Principles of Crop Protection	2
SSC 321	Pedology	2
CED 341	Introduction to Entrepreneurship	2
		16
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
AEX 312	Agricultural Laws and Reforms	2
<b>Required Ancillary Courses</b>		
AGR 301	Agricultural Biochemistry & Methods	2
AEC 302	Basic Production Economics	2
ABE 306	Introduction to Agricultural Engineering	2
ANS 322	Agricultural Biochemistry & Methods	2
ANS 332	Animal Genetics and Breeding	2
ANS 372	Ruminant Animal Production	2
CSC 322	Crop Genetics & Breeding	2
CSC 342	Permanent Crop Production	2
SSC 362	Soil Chemistry and Microbiology	2
CED 342	Business Development and Management	2
		22
<b>Fourth Year (Practical)</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
AEX 421	Information Communication Technology and Documentation in Extension	2
<b>Required Ancillary Courses</b>		

		<i>Programmes</i>	155
CSC 421	Crop Production Techniques (Permanent, Arable, Horticulture)		4
SSC 431	Farm Design, Survey, and Land Use Planning		2
ANS 471	Animal Husbandry Techniques (Cattle, Sheep, Goats, Poultry, Pig and Rabbit)		3
AGR 401	Agricultural Products Storage		2
CSC 431	Crop Protection and Pest Control		2
SSC 441	Irrigation and Drainage		2
			17
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
AEX 422	Agriculture Extension Practice		2
AEX 482	Introduction to Research Methods in Extension		1
<b>Required Ancillary Courses</b>			
AEC 420	Farm Management and Accounting Practice		2
ABE 402	Agricultural Engineering Practical		2
SSC 462	Soil Fertility, Soil and Water Management		2
FVM 433	Animal Health and Management		2
AGR 402	Farm Work Project and Report Writing		6
			17
<b>Fifth Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
AEX 511	Agricultural Administration, Organization and Supervision		2
AEX 521	Communication & Diffusion of Innovations		3
AEX 531	Agricultural Extension Education		2
AEX 541	Programme Planning in Extension		3
AEX 561	Gender Issues in Extension		2
AEX 581	Statistics for Agricultural Extension		2
AEX 583	Proposal Seminar		1
<b>Required Ancillary Courses</b>			
AEC 503	Production Economics and Farm Management		2
AEC 521	Farm Accounting & Records		1
			18
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
AEX 522	Facilitation and Advocacy in Extension		2
AEX 552	Rural Community Development		2
AEX 554	Technological and Social Change in Agriculture		2
AEX 556	Advanced Rural Sociology		2
AEX 572	Environmental Extension		2
AEX 592	Project		4
<b>Required Ancillary Courses</b>			
AEC 512	Agric. Business, Management and Finance		2
AEC 552	Planning and Appraisal of Agricultural Projects		2
AEC 554	Agricultural Policy and Development		2
AEC 562	Introduction to Econometrics		2
			22
<b>Four Year Degree Programme (Direct Entry)</b>			
<b>Second Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
AEX 101	Philosophy and Principles of Agricultural Extension		2
AEX 201	Introduction to Agricultural Extension and Extension Teaching Methods		2
<b>Required Ancillary Courses</b>			
AGR 201	General Agriculture		3
AEC 201	Principles of Agricultural Economics I		2

CSC 211	Principle of forestry	2
SSC 211	Principles of Soil Science	2
CSC 221	Crop Anatomy, Taxonomy and Physiology	2
ANS 241	Nutrition Anatomy & Physiology of Farm Animals	2
COS 101	Introduction to Computer	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 201	The Social Sciences	2
		23
<hr/>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
AEX 132	Psychology in Extension	2
<b>Required Ancillary Courses</b>		
FST 102	Introduction to Food Science & Technology	2
HSN 102	Introduction to Home Science, Nutrition & Dietetics	2
AEC 202	Principles of Agricultural Economics II	2
CSC 222	Principles of Crop Production	2
ANS 222	Introduction to Agric. Biochemistry	2
SSC 242	Climatology and Biogeography	3
ANS 272	Fisheries & Wild Life Management	2
ANS 274	Principles of Animal Production	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 207	Humanities II	2
		23
<hr/>		
<b>Third Year</b>		
<b>First semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
AEX 301	Introduction to Rural Sociology	2
<b>Required Ancillary Courses</b>		
COS 201	Computer Programming I	2
AEC 301	Basic Farm Management	2
ANS 371	Non-Ruminant Animal Production	2
CSC 321	Arable Crop Production	2
CSC 331	Principles of Crop Protection	2
SSC 321	Pedology	2
CED 341	Introduction to Entrepreneurship	2
		16
<hr/>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
AEX 312	Agricultural Laws and Reforms	2
<b>Required Ancillary Courses</b>		
AGR 301	Agricultural Biochemistry & Methods	2
AEC 302	Basic Production Economics	2
ABE 306	Introduction to Agricultural Engineering	2
ANS 322	Agricultural Biochemistry & Methods	2
ANS 332	Animal Genetics and Breeding	2
ANS 372	Ruminant Animal Production	2
CSC 322	Crop Genetics & Breeding	2
CSC 342	Permanent Crop Production	2
SSC 362	Soil Chemistry and Microbiology	2
CED 342	Business Development and Management	2
		22
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<b>Fourth Year (Practical)</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS



**Major Course**

AEX 421	Information Communication Technology and documentation in Extension	2
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**Required Ancillary Courses**

CSC 421	Crop Production Techniques (Permanent, Arable, Horticulture)	4
SSC 431	Farm Design, Survey, and Land Use Planning	2
ANS 471	Animal Husbandry Techniques (Cattle, Sheep, Goats, Poultry, Pig and Rabbit)	3
AGR 401	Agricultural Products Storage	2
CSC 431	Crop Protection and Pest Control	2
SSC 441	Irrigation and Drainage	2
		<hr/> 17

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

AEX 422	Agriculture Extension Practice	2
AEX 482	Introduction to Research Methods in Extension	1

**Required Ancillary Courses**

AEC 420	Farm Management and Accounting Practice	2
ABE 402	Agricultural Engineering Practical	2
SSC 462	Soil Fertility, Soil and Water Management	2
FVM 433	Animal Health and Management	2
AGR 402	Farm Work Project and Report Writing	6
		<hr/> 17

**Fifth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

AEX 511	Agricultural Administration, Organization and Supervision	2
AEX 521	Communication & Diffusion of Innovations	3
AEX 531	Agricultural Extension Education	2
AEX 541	Programme Planning in Extension	3
AEX 561	Gender Issues in Extension	2
AEX 581	Statistics for Agricultural Extension	2
AEX 583	Proposal Seminar	1

**Required Ancillary Courses**

AEC 503	Production Economics and Farm Management	2
AEC 521	Farm Accounting & Records	1
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

AEX 522	Facilitation and Advocacy in Extension	2
AEX 552	Rural Community Development	2
AEX 554	Technological and Social Change in Agriculture	2
AEX 556	Advanced Rural Sociology	2
AEX 572	Environmental Extension	2
AEX 592	Project	4

**Required Ancillary Courses**

AEC 512	Agric. Business, Management and Finance	2
AEC 552	Planning and Appraisal of Agricultural Projects	2
AEC 554	Agricultural Policy and Development	2
AEC 562	Introduction to Econometrics	2
		<hr/> 22

**Department of Animal Science****Staff List**

A.G. Ezekwe, B.Agric., M.Sc., Ph.D. (Nigeria)	Professor / Head, 2014-2017
S.O.C.Ugwu, B.Agric., M.Sc., Ph.D. (Nigeria)	Professor/Head
A.O Ani, B.Sc., (Maiduguri), M.Sc., Ph.D. (Nigeria)	Professor
A.E. Onyimonyi, B.Agric., M.Sc., Ph.D. (Nigeria)	Professor

H.M.N. Foleng, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
N.S. Machebe, B.Agric., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
N.P. Uberu, B.Agric., M.Sc. (Nigeria)	Lecturer I
C.O. Osita, B.Agric., M.Sc., Ph.D. (Nigeria)	Lecturer I
I.J. Ohagenyi, B.Agric., M.Sc., Ph.D. (Nigeria)	Lecturer II
S.U. Ilo, B.Sc. (Enugu), PGD, M.Sc. (Umudike), Ph.D. (Abia)	Lecturer II
B.C. Amaefule, B.Agric., M.Sc. (Nigeria)	Lecturer II
F.U. Udeh, B.Agric (Maiduguri), M.Sc. (Nigeria)	Lecturer II
C. E. Dim, B.Agric., M.Sc. (Nigeria)	Lecturer II
I.E Uzochukwu, B.Agric., M.Sc. (Nigeria)	Assistant Lecturer
E.A. Akuru, B.Agric., M.Sc. (Nigeria)	Assistant Lecturer
M.A. Egom, B.Agric., M.Sc. (Nigeria)	Assistant Lecturer
H.O. Edeh, B.Agric., M.Sc. (Nigeria)	Assistant Lecturer
M.C. Ogwuegbu, B.Sc. (Abia), M.Sc. (Nigeria)	Assistant Lecturer
C.C. Nwoga, B.Agric., M.Sc. (Nigeria)	Assistant Lecturer
J.I. Ugwuoke, B.Agric., M.Sc. (Nigeria)	Assistant Lecturer
N.E. Ikeh, B.Agric (Nigeria).	Graduate Assistant
N.W. Nnajiogor, B.Agric (Nigeria).	Graduate Assistant
C.Ezenwosu, B.Agric (Nigeria), PGDE (NTI Kaduna)	Graduate Assistant
S. Chime, B.Agric (Nigeria).	Chief Agric Superintendent
P.O. Madu, B.Agric (Nigeria).	Higher Agric. Superintendent
M. Ezekwe, B.Sc., PGD (Nigeria)	Higher Agric. Superintendent
O.P. Nwankwo, B.Agric (Nigeria).	Higher Agric. Superintendent
E.E. Igbokwe, B.Agric (Nigeria).	Agric. Officer
U.C. Oleka, B.Sc. (Abia)	Higher Technical Officer II
A.L. Eze, B.Agric (Nigeria).	Higher Technical Officer II
I.S. Ogbuja, B.Agric., PGDE (Nigeria)	Higher Technical Officer II
C.M. Ugwu, B.Agric (Nigeria).	Higher Technical Officer II
C.C. Ugwu, Dip. (Nigeria)	Chief Technical Assistant
F.N. Ugwu, B.Sc. (Enugu)	Chief Technical Assistant
M.A. Torti, B.Sc. (Nigeria).	Principal Executive Officer I
S.I. Onuorah, HND (Nigeria), MPH.	Senior Technologist
J.O. Odo, HND, PGD (Enugu)	Senior Technologist
E.N. Ugwuoke Dip (Nigeria)	Higher Laboratory Supervisor
M.O. Eze, HND, PDE (Nigeria)	Higher Laboratory Supervisor
J.U. Ezema, B.Ed. (Nigeria).	Laboratory Assistant

### Background and Philosophy

Animal science also referred to as Animal Agriculture is a branch of agriculture that provides basic training in the science and art of raising certain species of domesticated and non-domesticated animals for human consumption. It involves the application of many aspects of biological Science, behavioral science, physical science, environmental science and agricultural engineering to produce food and companion animals that meet man's nutritional, social, companionship and to some extent labour requirements. Its knowledge encompasses animal breeding, feeding, care and management, and the processing of animals and their by-products as gained through practical experience and research methods. Animal science also plays a significant role in food security of a nation.

### Philosophy/Mission Statement

Our philosophy/mission is to admit, train and produce individuals who are well equipped and balanced to take up the challenge of ensuring adequate animal protein supply and food security for the teeming population.

### Objectives of the Department

The broad objective of this elaborate training programme is to equip our graduates with the required knowledge and skills that will enable them to face the challenging task of making more animal protein available to Nigerians on a sustainable basis.

Specifically, at the end of the B. Agric. Programme

- i. Young, dedicated, innovative professionals are prepared for careers in Animal Science.
- ii. Animal Science graduates would have been exposed to all areas of agriculture hence they are adequately equipped to play a vital role in the development of not only animal agriculture but all aspects of agricultural production.
- iii. They will be equipped to become successful entrepreneurs in any areas of the livestock industry.
- iv. Graduates would be able to engage in basic and applied research in Animal Science and by so doing proffer solution to the challenges of food security.
- v. Graduates will be soundly engaged in formulation and implementation of viable policies for the development of livestock industry in Nigeria.

### Entry Requirements

The Department has two (2) modes of entry

- (i) University Matriculation Examination conducted by Joint Admission and Matriculation Board (JAMB) mode.

Candidates for entry under this mode must satisfy the University entry requirements and in doing so must have obtained credits in English, Chemistry, Biology or Agricultural Science, Mathematics in the Senior Secondary School Certificate (SSCE) or GCE O/Level

- (ii) Direct Entry

For Direct Entry, candidates are required to obtain passes at the HSE or GCE A/Level in chemistry and biology. Candidates with Higher National Diploma (HND) and National Certificate in Education (NCE) and has good passes in the relevant subjects at ordinary level are also considered for Direct Entry.

### Job Opportunities

Animal Science is a recognized profession (see The Nigerian Institute of Animal Science Act 2007, No.26) and graduates of Animal Science are Professionals with many job opportunities available to them. Such graduates find employment in academic institutions, industries, immigration services, customs department, meat processing industries, agro-based industries, prison services, Federal and State Ministries of Agriculture and parastatals such as Federal Department of Livestock and Pest Control Services, Animal Production Research Institutes, Agric. Department Agencies, Banks and related Institutions, Universities and other tertiary Institutions. Job opportunities also exist in the private sectors as managers of Animal Production farms, Feed/Mills, Hatcheries and other agri-businesses. Graduates can be self-employed as Management Production Consultants and Specialized livestock farmers.

### Stress Areas

General	0
Nutrition and Feeds	1
Agricultural Biochemistry	2
Genetics and Breeding	3
Animal Physiology	4
Animal Products	5
Pasture Management	6
Animal Production	7
Techniques in Animal Experimentation	8
Project and Seminar	9

### Undergraduate Courses

#### First Year

#### First Semester

CODE	TITLE	UNITS
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#### Major Courses

#### Required Ancillary Courses

AGR 101	Biomathematics	2
CHM 101	Basics Principles of Chemistry I	2
MTH 111	Elementary Mathematics	3
BIO 151	General Biology I	3
CHM 171	Basic Practical Chemistry	2

#### General

#### Studies

GSP 101	Use of English I	2
GSP 111	Use of Library and Study Skill	2

		16
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
AGR 102	Agricultural Physics	4
CHM 112	Basics Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
BIO 152	General Biology II	3
BIO 154	General Biology Practical	2
<b>General Studies</b>		
GSP 102	Communication in English II	2
		15
Second Year		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ANS 241	Introduction to Nutrition Anatomy and Physiology of Farm Animals	2
<b>Required Ancillary Courses</b>		
CSC 101	Introduction to Computer Science	2
AGR 201	General agriculture	3
CSC 211	Principles of Forestry	2
SSC 211	Principles of Soil Science	2
CSC 221	Crop Anatomy, Taxonomy & Physiology	2
<b>General Studies</b>		
GSP 207	Humanities I	2
GSP 201	Basic Concept and theory of peace	2
		17
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ANS 222	Introduction to Agricultural Biochemistry	2
ANS 272	Fisheries & Wild Life Management	2
ANS 274	Principles of Animal Production	2
<b>Required Ancillary Courses</b>		
SSC242	Climatology & Biogeography	3
FST 102	Introduction to Food Science & Technology	2
AEC 202	Principles of Agricultural Economics	4
CSC 222	Principles of Crop Production	2
HSN 201	Introduction of Home Science nutrition and Dietetics	2
<b>General Studies</b>		
GSP 208	Humanities II	2
GSP 202	Issue in Peace and Conflict Resolution studies	2
		23
Third Year		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ANS 371	Non-Ruminant Animal Production	2
<b>Required Ancillary Courses</b>		
CSC 201	Computer Programming I	2
CED 341	Introduction to Entrepreneurship	2
AEC 301	Basic Farm Management & Production Economics	3
AEX 311	Introduction to Agric. Extension & Rural Sociology	2
CSC 321	Arable Crop Production	2
SSC 321	Pedology	2
CSC 331	Principles of Crop Protection	2
		17
<b>Second Semester</b>		

CODE	TITLE	UNITS
<b>Major Courses</b>		
ANS 322	Agricultural Biochemistry and Methods	2
ANS 332	Animal Genetics and Breeding	2
ANS 372	Ruminant Animal Production	2
<b>Required Ancillary Courses</b>		
AGR 302	Agricultural Statistics & Data Processing	2
ABE 304	Introduction to Farm Machinery	2
CED 342	Business Development and Management	2
AEX 312	Extension Teaching Methods	2
CSC 322	Crop Genetics and Breeding	2
CSC 342	Permanent Crop Production	2
SSC 362	Soil Chemistry and Microbiology	2
		<hr/> 20
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ANS 471	Animal Husbandry Techniques	3
<b>Required Ancillary Courses</b>		
AGR 401	Agricultural Products Storage	2
CSC 421	Crop Production Techniques	4
CSC 431	Crop Protection & Pest Control	2
SSC 431	Farm, Design, Survey and Land Use Planning	2
SSC 441	Meteorology, Irrigation and Drainage	2
		<hr/> 15
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ABE 412	Agricultural Engineering Practical	2
AGR 402	Farm Work Project and Report Writing	6
AEX 412	Extension Practice	2
AEC 422	Farm Management and Accounting Practice	2
SSC 462	Soil Fertility, Soil and Water Management	2
FVM 433	Animal Health and Management	2
		<hr/> 16
<b>Fifth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ANS 511	Nigerian Feeds and Feeding Stuffs	2
ANS 513	Monogastric Nutrition and Biochemistry	2
ANS 531	Animal Breeding and Quantitative Genetics	2
ANS 541	Bioenergetics and Growth	2
ANS 551	Animal Products and Handling	2
ANS 571	Poultry, Swine and Rabbit Production	2
ANS 581	Techniques in Animal Experimentation	2
<b>Required Ancillary Courses</b>		
AEC 503	Production Economics and Farm Management	2
FVM 481	Livestock Diseases and Control	2
AEX 517	Programme Planning in Extension	3
		<hr/> 21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ANS 514	Ruminant Nutrition and Biochemistry	2

ANS 542	Physiology of Reproduction, Lactation and Artificial Insemination	2
ANS 562	Pasture and Range Management	2
ANS 572	Cattle, Sheep and Goat Production	2
ANS 582	Project and Seminar	4
<b>Required Ancillary Courses</b>		
AEC 512	Agribusiness Management and Finance	2
AEC 532	Agricultural Cooperatives	2
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### Department of Crop Science

#### Staff

U.M. Ndubuaku, B. Agric, (Nigeria), M.Sc., Ph.D. (Ibadan)	Professor/Head
B.N. Mbah, B. Agric (Nigeria) M.Sc., Ph.D. (USA) PGDTE (Nigeria)	Professor
M.I. Uguru, B. Agric (Nigeria) M.Sc., Ph.D. (Leuven)	Professor
K.P. Baiyeri, B. Agric, M.Sc., Ph.D. (Nigeria)	Professor
B.C. Echezona, B.Agric, M.Sc., Ph.D. (Nigeria)	Professor
P.E. Ogbonna, B. Agric., M.Sc., Ph.D. (Nigeria)	Professor
C.U. Agbo, B.Agric, M.Sc., Ph.D. (Nigeria)	Professor
K.I. Ugwuoke, B.Agric, M.Sc., Ph.D. (Nigeria)	Professor
G.O. Oko-Ibom, B.Agric. M.Sc. (Nigeria)	Senior Lecturer
S.C. Eze, HND, PGD, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
V.N. Onyia, B. Agric, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
S.C. Aba, B. Agric, M.Sc., Ph.D. (Nigeria)	Lecturer I
E.C. Okechukwu, B. Agric, M.Sc. (Nigeria)	Lecturer II
V.O. Osadebe, B. Agric, M.Sc (Nigeria)	Lecturer II
C.U. Chukwudi, B. Agric, M.Sc. (Nigeria)	Lecturer II
F.C. Amuji, B. Agric, M.Sc. (Nigeria)	Lecturer II
M.N. Chukwulobe, B. Agric., M. Sc. (Nigeria)	Assistant Lecturer
I.N. Ezech, B.Sc & M. Sc.(Russia)	Assistant Lecturer
U.N. Ukwu, B, Agric (Nigeria) M.Sc. (Ife, Ibadan)	Assistant Lecturer
J.I. Enyi, B. Agric, M. Sc. (Nigeria)	Assistant Lecturer
N. Dauda, B. Agric, (Zaria)	Graduate Assistant
E.I. Eze, HND (NISLT, Ibadan), B. Sc. (Nigeria)	Principal Laboratory Technologist
E.O. Onu, B. Agric, & M.Sc. (Nigeria).	Principal Agric. Superintendent I
V.N. Anusiem, Diploma (Nigeria)	Assistant Chief Typist
O.N. Chukwuemelie, B.Sc. (Nigeria) M.Sc. (UK)	Higher Technical Officer I
I. Mbah, NCE, B.Sc. (Nigeria)	Principal Laboratory Supervisor
E.C. Nwafor, NCE	Technical Officer
P.U. Ishieze, B.Sc. M.Sc. (Nigeria)	Technical Officer

### History of the Department

The Cardoso College of Agriculture was established as an academic unit in the Faculty of Science when the University was founded in October 1960. It assumed a full faculty status in 1961 with Department of Plant /Soil Sciences as one of the six departments in the faculty.

In 1974, Department of Crop Science was carved out of the Department of Plant /Soil Sciences. Since then the Department of Crop Science has been offering a five-year B. Agric degree with three sub-disciplines (options); Crop Production, Crop protection and Horticulture.

### Philosophy

The mission of the Department of Crop Science is to improve the understanding, design and management of integrated, enhanced and environmentally sustainable crop production techniques through innovation, research, learning and technology exchange at community, national and international levels.

### Objectives

1. To equip the students with sufficient training and production technology that will enable them engage meaningfully in full-time crop production enterprise.
2. To prepare the students with adequate knowledge and skill to work in Research and Development Institutions at both national and international levels.

### Scope

The B. Agric (Crop Science) programme is designed to provide a broad practical and theoretical training in the basic agricultural sciences for the first three years. During the fourth year (farm year), practical training is provided in approved farms and agro-based establishments. During the fifth (final) year, the students are given intensive courses that will enable them graduate in any of the under-listed areas of specialization

Crop Production  
Crop Protection  
Horticulture

### Entry Requirement

#### *UME Entry Requirements*

Candidates for admission to the Department must first satisfy the University entry requirements. In addition, the UME entry requirements include 'O' Level credits in Chemistry, Mathematics, Biology or Agricultural Science.

### Direct Entry Requirements

Candidates must have passed at the principal level in the Higher School Certificate Examination or equivalent passes at the GCE Advanced Level in Chemistry and Biology (or Botany, Zoology or Agricultural Science). Candidates with Diploma in relevant subjects may be offered admission by direct entry to the second year programme.

### Career opportunities

Crop science is an applied biological and physical sciences in the production of food and fibre – the foundation of civilization. Training in the department provides job opportunities in various government and private agencies engaged in crop production as well as being self-employed. Graduates work as agricultural and biological scientists and also as research staff of agriculture-based institutions at both national and international levels, technical experts in agricultural farms, Agricultural Development Projects (ADPs), River Basin Authorities, plantations, agro-chemicals industries and food control laboratories, etc.

Job opportunities also exist in customs and quarantine services, agricultural department of financial institutions such as commercial banks and agricultural credit banks.

### Undergraduate Courses

#### First Year

##### *First Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
AG 101	Biomathematics	2
<b>Required Ancillary Courses</b>		
CHM 101	Basic Principles of Chemistry I	2
CHM 171	Basic Practical Chemistry	2
BIO 151	General Biology I	3
MTH 111	General Mathematics	3
<b>General Studies</b>		
GSP 101	Communication in English 1	2
GSP 111	Use of Library & study skills	2
		<hr/> 16

##### **Second Semester**

CODE	TITLE	UNITS
AG 102	Agric. Physics	4
<b>Required Ancillary Courses</b>		
CHM 112	Basic Principles of Chemistry II	2
CHM 122	Basic Principles of Organic Chemistry III	2
BIO 152	General Biology II	3
BIO 153	General Biology (Practical)	2
<b>General Studies</b>		
GS 102	Use of English II	2
		<hr/> 15

Second Year

*First Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
CSC 211	Principles of Forestry	2
CSC 221	Crop Anatomy, Taxonomy & Physiology	2
<b>Required Ancillary Courses</b>		
AGR 201	General Agriculture	3
COS 101	Introduction to Computer Science	2
SSC 211	Principles of Soil Science	2
ANS 241	Nutrition, Anatomy & Physiology of Farm Animals	2
<b>General Studies</b>		
GSP 201	Basic Concepts and Theory of Peace	2
GSP 207	Humanities I	2
		17

*Second Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
CSC 222	Principles of Crop Production	2
<b>Required Ancillary Courses</b>		
FST 102	Introduction to Food Science & Technology	2
AEC 202	Principles of Agricultural Economics	4
ANS 222	Introduction to Agricultural Biochemistry	2
ANS 274	Principles of Animal Production	2
SSC 242	Climatology and Biogeography	3
ANS 272	Introduction to Fisheries and Wildlife Management	2
HND 102	Introduction to Home Science, Nutrition & Dietetics	2
<b>General Studies</b>		
GSP 208	Humanities II	2
GSP 202	Issue in Peace and Conflict Resolution studies	2
		23

**Third Year***First Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
CSC 321	Arable Crop Production	2
CSC 331	Principles of Crop Protection	2
<b>Required Ancillary Courses</b>		
COS 201	Computer Programming I	2
AEC 301	Basic Farm Management & Production Economics	3
AEX 311	Introduction to Agric. Extension and Rural Sociology	2
ANS 371	Non-ruminant Animal Production	2
CED 341	Introduction to Entrepreneurship 1	2
SSC 321	Pedology	2
		17

*Second Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
ANS 322	Agricultural Biochemistry and Methods	2
ANS 332	Animal Genetics and Breeding	2
ANS 372	Ruminant Animal Production	2
<b>Required Ancillary Courses</b>		
AGR 302	Agricultural Statistics & Data Processing	2
ABE 304	Introduction to Farm Machinery	2
CED 342	Business Development and Management	2
AEX 312	Extension Teaching Methods	2
CSC 322	Crop Genetics and Breeding	2
CSC 342	Permanent Crop Production	2
SSC 362	Soil Chemistry and Microbiology	2
		20



**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

CSC 421	Crop Production Techniques	4
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CSC 431	Crop Protection and Pest Control	2
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**Required Ancillary Courses**

AGR 401	Agricultural Products Storage	2
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SSC 431	Farm Design, Survey, & Land Use Planning	2
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SSC 441	Agric. Meteorology, Irrigation and Drainage	2
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ANS 471	Animal Husbandry Techniques	3
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**Second Semester**

CODE	TITLE	UNITS
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**Required Ancillary Courses**

AGR 402	Farm Work Project and Report Writing	6
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AEX 412	Extension Practices	2
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AEC 422	Farm Management and Accounting Practice	2
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SSC 462	Soil Fertility, Soil and Water Management	2
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ABE 412	Agricultural Engineering Practical	2
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FVM 433	Animal Health and Management	2
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**Fifth Year****Crop Production Option****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

CSC 511	Field Experimentation and Data Analysis	2
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CSC 521	Field Crops	2
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CSC 531	Plant Protection	2
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CSC 541	Vegetable Crops	2
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CSC 533	Economic Entomology	2
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**Required Ancillary Courses**

SSC 531	Soil Survey and land Use Planning	2
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SSC 541	Soil Physics	2
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SSC 561	Soil Chemistry	2
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SSC 562	Soil and Plant Analysis	2
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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

CSC 512	Plant Nutrition	1
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CSC 522	Forage and Fodder Crops	2
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CSC 524	Plant Breeding and Genetics	2
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CSC 534	Weed Science	2
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CSC 542	Plantation Crops	2
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CSC 544	Post-Harvest Physiology and Product Storage	2
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CSC 552	Special Project	4
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**Required Ancillary Courses**

SSC 542	Principles of Irrigation and Drainage	2
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SSC 563	Soil Fertility	2
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**Fifth Year****Crop Protection Option****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

CSC 511	Field Experimentation and Data Analysis	2
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CSC 521	Field Crops	2
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CSC 531	Plant Protection	2
CSC 533	Economic Entomology	2
CSC 541	Vegetable Crops	2
<b>Required Ancillary Courses</b>		
SSC 531	Soil Survey and land Use Planning	2
SSC 561	Soil Chemistry	2
SSC 563	Soil and Plant Analysis	2
ANS 541	Soil Physics	2
		18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

CSC 512	Plant Nutrition	1
CSC 522	Forage and Fodder Crops	2
CSC 524	Plant Breeding and Genetics	2
CSC 534	Weed Science	2
CSC 542	Plantation Crops	2
CSC 544	Post-Harvest Physiology and Product Storage	2
CSC 592	Special Project	4

**Required Ancillary Courses**

SSC 542	Principles of Irrigation and Drainage	2
SSC 563	Soil Fertility	1
		18

**Fifth Year****Horticulture Option****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

CSC 511	Field Experimentation and Data Analysis	2
CSC 531	Field Crops	2
CSC 541	Vegetable Crops	2
CSC 543	Plant Propagation	2
CSC 521	Field Crops	2

**Required Ancillary Courses**

SSC 531	Soil Survey and land Use Planning	2
SSC 561	Soil Chemistry	2
SSC 541	Soil Physics	2
SSC 562	Soil & Plant Analysis	2
		18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

CSC 512	Plant Nutrition	1
CSC 522	Forage and Fodder Crops	2
CSC 524	Plant Breeding and Genetics	2
CSC 534	Weed Science	2
CSC 542	Plantation Crops	2
CSC 544	Post-Harvest Physiology and Product Storage	2
CSC 592	Special Project	4

**Required Ancillary Courses**

SSC 542	Principles of Irrigation and Drainage	2
SSC 563	Soil Fertility	1
		18

**Department of Food Science and Technology****Staff**

T.M. Okonkwo, B.Sc., M.Sc. & Ph.D. ( Nigeria)	Professor/ Head
Iro Nkama, B.Sc. (Nigeria), Ph.D. (Leeds).	Professor
J. C. Ani, B.Sc. (Nigeria), M.Sc. (Zaria) & Ph.D. (f Nigeria)	Professor
J. I. Eze, B.Sc., M.Sc. & Ph.D. ( Nigeria)	Professor

P.O. Uvere, B.Sc., M.Sc. & Ph.D. ( Nigeria)	Professor
G. I. Okafor, B.Sc., and Ph.D. (Odessa, Ukraine)	Professor
I. E. Nwaoha, B.Sc., M.Sc. & Ph.D. ( Nigeria)	Senior Lecturer
E.O.U. Uzodinma, B.Sc., M.Sc. & Ph.D. ( Nigeria)	Senior Lecturer
E. U. Onwurafor, B.Sc., M.Sc. & Ph.D. ( Nigeria)	Senior Lecturer
N. N. Uchegbu, B.Sc ( Nigeria), M.Sc., Ph.D. (Enugu)	Lecturer I
C. N. Nweze, B.Sc. & M.Sc. ( Nigeria)	Lecturer I
P.N. Akah, B.Sc. (Owerri), M.Sc. (Nigeria)	Lecturer I
E. C. Omah, B.Sc (Ebonyi), M.Sc. (Nigeria)	Lecturer I
I. S. Asogwa, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
C.F. Okoyeuzu, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
C. J. Igbokwe, B.S.c (Umuahia), M.Sc. (Nigeria)	Lecturer II
O. M. M. Nwadi, B.Sc., M.Sc. ( Nigeria)	Lecturer II
N. C. Okoronkwo, B.Sc. (Ebonyi) & M.Sc. (Ibadan)	Lecturer II
C. E. Azuka, B.Sc., M.Sc. (Nigeria)	Lecturer II
C. R. Eze, B.Sc., M.Sc. ( Nigeria)	Lecturer II
E. C. Okoye, B.Sc., M.Sc. (Nigeria)	Lecturer II
C. M. Obodoechi, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
A.N. Nwosu, B.Sc., M.Sc. ( Nigeria)	Assistant Lecturer
C.C. Amadi, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
E. C. Umego, B.Sc. (Nigeria)	Graduate Assistant
C. P. Omeje, B.Sc (Nigeria)	Graduate Assistant
C. N. Ezeugwu, ANISLT (Nigeria)	Technologist 1
C. N. Idoko, ANISLT (Nigeria)	Technologist 1
K. Anayo-Ezeamama, B.Sc. ( Nigeria)	Higher Technical Officer
O. C. Nduka, B.Sc. (Nigeria)	Higher Technical Officer

### Philosophy

Food Science and Technology is a field of integrated study of basic sciences, Microbiology, Biochemistry, Nutrition, Biotechnology, Engineering Technology for the development and management of food resources. The discipline exposes the nature, composition and properties of food materials and their behaviour during processing, handling, storage, distribution and utilization.

### Objectives

The Food Science and Technology programme is designed to provide a practical and theoretical training on:

- The conversion of raw agricultural produce into processed, packaged, shelf stable food products and intermediate industrial raw materials.
- Different aspects of food preservation.
- Establishment, maintenance and assurance of food quality.
- Design and maintenance of food process machineries.
- Direct practical experience in food industries, food research laboratories/station and governmental agencies responsible for the formulation and enforcement of food laws.
- Entrepreneurial skills that will make students self-reliant/employed on graduation.

### Scope

Food Science and Technology attracts students with a wide and flexible outlook, those for whom the pure science, engineering and other applied sciences appear restrictive. The programme lasts for 4 – 5 years depending on entry qualification. In the normal 5-year programme, the first two years are devoted to strengthening the basic sciences and a good appreciation of the arts and the humanities; then follows the introduction to Food Science and Engineering in the 2nd and 3rd years, and finally the major courses in Food Science and Technology.

The exposure of the students is reinforced during the 2nd Semester of the 4th year by a 6-month industrial attachment to food industries, food research stations, laboratories and related agencies to acquire industrial experience of real work situation. At the end of the industrial attachment, each student submits a report and presents a seminar on his/her acquired experience. In the final year, each student also carries out a specific laboratory investigation or research in any area of food science and technology, presents a seminar on the research and submits a project report based on the research findings.

**Admission Requirements:**

Prospective first degree candidates must satisfy both the university minimum entry and specific departmental requirements. The Department specifically requires that:

The 5-year B.Sc. (UME) programme candidates must have obtained credits in five (5) subjects at two sittings in the Senior School Certificate Examination or equivalent. The subjects include: English Language, Chemistry, Mathematics, Physics, Biology (Botany or Zoology) or Agricultural Science and any other Science subject. For UME examination subject combination, Physics can be substituted for Mathematics.

The 4-year (Direct entry) B.Sc. programme candidates must possess at principal level in the Higher School Certificate or equivalent passes in GCE Advanced Level in any two of the following subjects: Chemistry, Biology (Botany or Zoology), Agricultural Science, Physics and Mathematics. Candidates with Diplomas in relevant subjects may be offered admission by direct entry.

**Job Opportunities**

A successful graduate of Food Science and Technology can embark on a teaching career in the University, Polytechnic or College of Technology, undertake advanced studies in any of a number of courses associated with Food Science, Food Engineering, Food Technology, or Nutritional Sciences, Biotechnology, Product Development, Extension Education, Food Microbiology, Food Laws and Regulations, Marketing and Management etc. Graduates are adequately trained to be employed at the senior level in food industries, regulatory agencies, food service, extension organizations and research institutes. Most importantly, food science and technology graduates are trained to be capable of establishing their own small and medium scale food enterprises.

**Stress Areas**

General and Introductory Courses	0
Food Science	1
Food Technology	2
Food Engineering and Processing	3
Technical Writing	5
Industrial Experience	7
Seminar	8
Project Work	9

**Five Year Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
CHM 101	101 Basic Principles of Chemistry	2
CHM 171	Basic Practical Chemistry	2
BIO 151	General Biology I	3
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
PHY 101	General Physics for Life Sciences I	2
PHY 191	Practical Physics	2

**General Studies Course**

GSP 101	Study Skills and Basic Research Methods	2
		<hr/> 19

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
FST 102	Introduction to Food Science & Technology	2
<b>Required Ancillary Courses</b>		
CHM 112	Basic Principles of Chemistry II	2
CHM 122	Basic Principles of Chemistry III	2
MTH 112	Elementary Mathematics III	3
PHY 102	General Physics for Life Sciences II	2
TED 154	Metal Work Fundamentals	2
<b>General Studies Courses</b>		
GSP 102	Basic Grammar and Varieties of Writing	2

		15
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
CHM 221	General Organic Chemistry I	2
CHM 273	Practical Organic Chemistry	2
STA 203	Statistics for Agriculture and Biology I	2
MCB 201	General Microbiology I	3
MEC 101	Technical Drawing	2
AGR 201	General Agriculture	3
HND 211	Human Biochemistry for Nutritionists I	2
COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 201	Basic Concepts and Theories of Peace	2
		20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FST 222	Fundamentals of Food Processing	3
<b>Required Ancillary Courses</b>		
CHM 222	General Organic Chemistry II	2
CHM 232	Analytical Chemistry	2
HND 212	Human Biochemistry for Nutritionists II	2
STA 204	Statistics for Agriculture and Biology II	2
TED 222	Energy and Technology of Appliances	2
COS 202	Computer Programming II	2
<b>General Studies Courses</b>		
GSP202	Issues in Peace & Conflict Resolution Studies	2
		17
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FST 311	Food Chemistry and Toxicology	4
FST 321	Fish Technology	2
FST 323	Poultry and Egg Technology	2
FST 332	Transport Phenomena and Thermodynamics I	2
FST 333	Food Process Engineering I	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
BCH 381	Techniques in Biochemistry	2
MCB 325	Food Microbiology I	2
<b>General Studies Course</b>		
GSP 207	Logic, Philosophy and Human Existence	2
		20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FST 322	Grains Technology	3
FST 332	Transport Phenomena and Thermodynamics II	2
FST 334	Food Process Engineering – II	2
<b>Required Ancillary Courses</b>		
AEC 202	Principles of Agricultural Economics	4
CED 342	Business Development & Management	2
CSC 544	Post-Harvest Physiology	2
<b>General Studies Course</b>		
GSP 208	Nigerian Peoples and Cultures	2
		17

**Fourth Year*****First Semester***

CODE	TITLE	UNITS
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***Major Courses***

FST 411	Food Analysis	3
FST 421	Meat Technology	2
FST 423	Dairy Technology	2
FST 433	Food Process Machinery	3
FST 453	Technical Writing	1

***Required Ancillary Courses***

BCH 432	Bioinorganic Chemistry	2
ANS 271	Animal Production and Management	4
MCB 451	Industrial Microbiology and Biotechnology I	2
MCB 425	Food Microbiology II	2
		21

***Second Semester***

CODE	TITLE	UNITS
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***Major Courses***

FST 472	Students Industrial Training	15
		<b>15</b>

**Fifth Year*****First Semester***

CODE	TITLE	UNITS
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***Major Courses***

FST 511	Quality Evaluation and Control	3
FST 521	Food Packaging Technology	2
FST 523	Laboratory I (Grains and Oil Seeds)	2
FST 525	Laboratory II (Animal Products)	2
FST 527	Food Biotechnology	3
FST 531	Processing of Beverages	2
FST 533	Technology of Sauces, Condiments and Sugar Confectionary	2
FST 581	Seminar in Food Science and Technology	1
		17

***Second Semester***

CODE	TITLE	UNITS
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***Major Courses***

FST 522	Nuts and Oil Technology	2
FST 524	Fruits, Vegetables, Roots and Tubers Processing	3
FST 526	Laboratory II (Fruits, Vegetables, Roots and Tubers)	2
FST 532	Plant Design and Pilot Demonstration	4
FST 592	Project Work in Food Science and Technology	6
		17

**Standard Four Year Programme****First Year*****First Semester***

CODE	TITLE	UNITS
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***Required Ancillary Courses***

MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
MCB 201	General Microbiology I	3
MEC 101	Technical Drawing	2
AGR 201	General Agriculture	3
HND 211	Human Biochemistry for Nutritionists	2
PHY 191	Practical Physics	2
COS 101	Introduction to Computer Science	2

***General Studies Courses***

GSP 101	Study Skills and Basic Research Methods	2
GSP 201	Basic Concept and Theories of Peace	2
		24

***Second Semester***

CODE	TITLE	UNITS
<b>Major Courses</b>		
FST 102	Introduction to Food Science and Technology	2
FST 222	Fundamentals of Food Processing	3
<b>Required Ancillary Courses</b>		
TED 134	Metal Work Fundamentals	2
CHM 232	Analytical Chemistry	2
HND 212	Human Biochemistry for Nutritionists II	2
TED 222	Energy and Technology of Appliances	2
COS 202	Computer Programming II	2
<b>General Studies Course</b>		
GSP 102	Basic Grammar and Varieties of Writing	2
		17
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FST 311	Food Chemistry and Toxicology	4
FST 321	Fish Technology	2
FST 323	Poultry and Egg Technology	2
FST 331	Transport Phenomena and Thermodynamics I	2
FST 333	Food Process Engineering I	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
BCH 381	Techniques in Biochemistry	2
MCB 325	Food Microbiology I	2
STA 203	Statistics for Agriculture and Biology I	2
<b>General Studies Course</b>		
GSP 207	Logic, Philosophy and Human Existence	2
		22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FST 322	Grains Technology	3
FST 332	Transport Phenomena and Thermodynamics II	2
FST 334	Food Process Engineering II	2
<b>Required Ancillary Courses</b>		
AEC 202	Principles of Agricultural Economics	4
STA 204	Statistics for Agriculture and Biology II	2
TED 222	Energy and Technology of Appliances	2
CED 342	Business Development & Management	2
<b>General Studies Course</b>		
GSP	Issues in Peace and Conflict Resolution Studies	2
GSP 208	Nigerian Peoples and Culture	2
		21
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FST 411	Food Analysis	3
FST 421	Meat Technology	2
FST 423	Dairy Technology	2
FST 433	Food Process Machinery	3
FST 453	Technical Writing	1
<b>Required Ancillary Courses</b>		
BCH 431	Bioinorganic Chemistry	2
ANS 271	Animal Production and Management	4
MCB 423	Industrial Microbiology and Biotechnology I	2
MCB 425	Food Microbiology II	2

		21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FST 472	Students Industrial Training	15
		15
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FST 511	Quality Evaluation and Control	3
FST 521	Food Packaging Technology	2
FST 523	Laboratory I (Grains and Oil Seeds)	2
FST 525	Laboratory II (Animal Products)	2
FST 527	Food Biotechnology	3
FST 531	Processing of Beverages	2
FST 533	Technology of Sauces, Condiments and Sugar Confectionary	2
FST 581	Seminar in Food Science and Technology	1
		17
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FST 522	Nuts and Oil Technology	2
FST 524	Fruits, Vegetables, Roots and Tubers Processing	3
FST 526	Laboratory II (Fruits, Vegetables, Roots and Tubers)	2
FST 532	Plant Design and Pilot Demonstration	4
FST 592	Project Work in Food Science and Technology	6
<b>Required Ancillary Course</b>		
CSC 544	Post-Harvest Physiology and Storage	3
		20

**Department of Home Science and Management****Staff**

C.I. Iloeje, B.Sc., M.Ed., M.Ed, Ph.D. (Nigeria)	Senior Lecturer/Head
B.O. Mbah, B.Sc. (Texas), M.Sc., Ph.D. (Nigeria)	Senior Lecturer
G.I. Davidson, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
F.O. Okechukwu, B.Ed., M.Ed., Ph.D. (Nigeria)	Senior Lecturer
S.U. Ozougwu, B.Ed., M.Ed., Ph.D. (Nigeria)	Lecturer I
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N.G. Onyeke, B.Sc. (Abraka), M.Sc., Ph.D. (Nigeria)	Lecturer II
N.P. Owoh, B.Sc. (Ibadan), B.Sc. (Nigeria), Ph.D. (Ebonyi)	Lecturer II
U.I. Nnubia, B.Ed., M.ED. (Nigeria)	Assistant Lecturer
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C.L. Ezeonyeche, B.Sc. (Nigeria)	Graduate Assistant
I.V. Anibueze, B.Sc. (Nigeria)	Senior Technologist
U.D. Izueke, B.Sc. (Enugu), M.Sc. (Nigeria)	Higher Executive officer
C.N. Okoroigwe, B.Sc. (Nigeria)	Technical Instructor II
C.U. Onyianta, B.Sc. (Nigeria)	Technical Instructor II
E.C. Eze, B.Sc. (Nigeria)	Technical Instructor II
M.O. Oguejiofor, B.Sc. (Nigeria)	Technologist II
U.P. Ogbonna, B.Sc. (Nigeria)	Higher Technical Officer II
I.A. Okpe, B.Ed. (Nigeria)	Laboratory Supervisor
C.C. Asogwa, B.Sc. (Nigeria)	Laboratory Supervisor

**Philosophy**



Home Science (Home Economics) as a profession is a field of study that evolved out of the concern for the home (family) raised by the conditions of the society becoming increasingly dominated by commercial and industrial interests. It is concerned with ways in which the quality and content of family life can be enhanced maximally through optimum utilization of its human and material resources. It is an applied field of study that brings together knowledge and skills from different disciplines within the pure and applied arts and sciences to solve the most pressing problems that challenge the families presently, as well as those that are possibly going to emerge in the future. The field of Home Science has developed tremendously within the last few decades in both its outreach and its depth of penetration in order to meet the dynamic nature of the problems and challenges of individuals, families and societies. This is as a result of the developments in science and technology, all of which have affected living conditions of individuals, families and the society at large.

**Objectives:**

The objectives of the programme are to:

1. train students in the development, use and management of human and material resources required to foster various aspect of individual, family and national development.
2. develop the latent potentials of students and enable them to take up leadership positions and become professionals in public and private establishments related to their chosen areas of study.
3. equip students with entrepreneurial skills needed to create small to medium scale businesses in the three areas of the curriculum.

**Scope**

Early in the programme students are exposed to courses in social sciences, physical sciences, arts and agriculture in order to meet the challenging needs of the society and encourage entrepreneurship. These form the basis of a coordinated sequence of applied courses offered in the penultimate and final years when students are further exposed to courses in the different areas including: Home Management; Food, Nutrition and Institutional Management; Textiles, Clothing and Fashion Design and Family and Child Studies. An essential part of this course is the opportunity provided for students to gain direct practical experience during periods of industrial training (IT) in the food industries, hotels, clothing and fashion houses/industries, schools, child care institutions, corporate organisations and agencies.

**Admission Requirements****UTME Entry Requirements**

To be admitted into the 4 year B.Sc Programme, the candidate must have the University general entry requirements, which include pass at credit level in the Senior Secondary School Certificate Examination (SSSCE) or the National Examination Commission (NECO), or the General Certificate in Education Ordinary Level (GCE O/L) in five subjects including an approved science subject obtained at not more than two sittings. In addition to the general University entry requirements, candidates must have obtained credits in the SSSCE or GCE O/L equivalent and NECO in Chemistry, Biology or Food and Nutrition or Agricultural Science. A pass in English language and Mathematics/Physics is acceptable

**Direct Entry Requirements**

Matriculation requirement in the relevant subject plus advanced level passes in Chemistry and Biology (Botany or Zoology).

National Diplomas and other acceptable/recognized Diplomas holders with credit passes in Biology or Agricultural Science and Chemistry may be admitted into year one of the degree programme. Higher Diplomas or NCE in Home Economics or any other related area with credit passes in Biology or Agricultural Science and Home Economics may be admitted into the second year programme.

**Requirements for graduation and classification of degrees**

In order to graduate, a Home Science undergraduate student must obtain a **minimum** of 152 units (an average of 19 to 24 units per semester for a total of 8 semesters) from Year I to Year IV inclusive. It is compulsory that each student passed all prescribed relevant and registered courses before award of the B. Sc. Home Science. The B. Sc. Degree award is classified as follows:

**Job Opportunities in Home Science**

Students are exposed to the different areas of Home Science below.

- Home Management (Management of Family Resources)
- Food, Nutrition and Institutional Management

- Textiles, Clothing and Fashion Design
- Family and Child Studies

The following job opportunities exist;

**Homemaker:** This involves supervising or carrying out responsibilities in the home for developing values; furthering good human relations, and providing a satisfying setting for family living. Home Science prepares people for a profession as well as for the important profession of homemaking.

**Home Science Educator:** All graduates of Home Science can be employed as teachers at the primary, secondary and tertiary institution levels.

**Family/Marriage Counselors:** These specialists give guidance in solving problems of home and money management and to help with special needs of children, the aged and the handicapped or challenged. They could be employed by government in the department of Social Welfare or they could go private as directors or entrepreneurs.

**Childcare Specialists:** Graduates who major in Family and Child Studies are responsible for running Day-care and Nursery Schools set up by government as well as private individuals and organizations.

**Home Scientists in Journalism, Radio and Television:** These are engaged in writing articles related to the different areas of Home Science for newspapers, magazines, public relations firms, radio, or television stations. Home Scientists in various areas family living, clothing and fashion design, child care, nutrition, at some time during their professional lives are called upon to write a newspaper or magazine article or to appear on a radio or television program.

**Home Scientist Entrepreneurs:** All Home Scientists are well equipped with skills for setting up small to medium scale enterprises in their various areas of interest or specialization. Some of these include: indoor or outdoor Catering outfit, Clothing production and merchandising outfits, Nursery schools, Day-care centers, Recreational centers, Laundromats, Commercial Food Service Managers:

**Home Scientists in Consultancy Services:** Home scientists who have achieved recognition in their chosen area of specialty may enjoy doing free-lance work. Consultant services are valuable to companies and establishments that do not have a full-time home scientist or who wish to supplement the work of their home science department.

**Extension Home Scientists:** These specialists give instruction on problems of home science, rural family living, and community life to individuals and families through the cooperative efforts of the Local, State and Federal governments. Such graduates are usually employed in the Ministries of Agriculture, Social Welfare or Community Development.

**Home Scientists in Research:** Graduates of Home Science can engage in the search for facts and analyzes them critically for their meaning and implications in the improvement of home and family living. This they can do as they are employed in institutions of higher learning or research institutions.

**Home Scientist Nutritionist:** The job opportunities are similar to those already outlined for graduates of Nutrition and Dietetics (as above) except that they cannot function as Dietitians in hospitals. They can function as: Public Health Nutritionists. Food and Nutrition Specialists in Government and Non-Governmental Organizations, Food and Nutrition Specialists in Industries: Food and Nutrition Educator, e.t.c.

**Home Scientist in Textiles, Clothing and Fashion Design:** The clothing field is made up of five interrelated areas: the textile industry, the apparel industry, the fashion field, the education field and the communication industry. Some of the job opportunities in this area include among others:

**Clothing Designer:** These specialists create ideas and apply them in the production of functional and beautiful wearing apparels to meet the desires of men, women, or children for fashion garments or accessories.

**Interior Decorator:** Designs and executes plans for artistic interior of a room or building in accordance with the client's desires. Interior decorators are employed by manufacturers of rugs, private decorating

shops, hotels, museums, departmental stores, furniture shops, motion picture studios, government housing projects, etc.

**Home Scientists in Textile Industries:** Although these opportunities are limited, home scientists are relevant in the Textile industries where they are involved in textile testing, launder ability testing, promotion and demonstration work. Fabric weaving, Knitting and other fabrication techniques. The home scientist may conduct surveys of consumer preferences in textile and make recommendations to her company for improving the quality and appeal of their fabric.

#### Stress Areas

Introductory/Foundational Courses	0
Human Nutrition	1
Dietetics and Food Administration	2
Foods	3
Child Development and Child Care	4
Home Management	5
Textile and Clothing	6
Extension/Industrial Training	7
Seminar	8
Project	9

#### Four-Year Programme

##### First Year

##### First Semester

CODE	TITLE	UNITS
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##### Major Courses

##### Required Ancillary Courses

CHM 101	Basic Principles of Chemistry I	2
AG 101	Biomathematics	2
COS 101	Introduction to Computer Science	2
MTH 111	Elementary Mathematics	3
BIO 151	General Biology I	3
CHM 171	Basic Practical Chemistry	2
FRE 101	Elementary French I	2

##### General Studies Courses

GSP 101	Communication in English	2
GSP 111	Use of Library and Study skills	2
		20

##### Second Semester

CODE	TITLE	UNITS
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##### Major Courses

HND 102	Introduction to Home Science, Nutrition and Dietetics	2
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##### Required Ancillary Courses

AG 102	Agricultural Physics	4
CHM 112	Basic Principles of Chemistry II	2
CHM 122	Basic Principles of Chemistry III	2
BIO 152	General Biology II	3
BIO 154	General Biology Practical	2
FRE 102	Elementary French II	2

##### General Studies Courses

GSP 102	Communication in English II	2
		19

##### Second Year

##### First Semester

CODE	TITLE	UNITS
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##### Major Courses

HND 201	Human Physiology and Pathology I	2
HND 211	Human Biochemistry for Nutritionists I	2
HND 231	Agricultural Food Products	2
HND 251	Principles of Resource Management	2

HND 261	Fundamentals of Textile and Clothing	2
<b>Required Ancillary Courses</b>		
PSY 101	Introduction to Psychology	2
FAA 103	Two Dimensional Design I	3
AG 201	General Agric/Food Production	3
STA 205	Statistics for Agric & Biological Sciences	2
<b>General Studies Courses</b>		
GSP 201	Basic Concept and theory of Peace	2
GSP 207	Logic Philosophy and Human Existence I	2
		24
<hr/>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 202	Human Physiology and Pathology II	2
HND 212	Human Biochemistry for Nutritionists II	2
HND 232	Basic and Experimental Foods	2
HND 234	Food Biochemistry	2
HND 242	Human and Child Development I	2
HND 262	Textile Design, Pattern Drafting and Alteration	2
<b>Required Ancillary Courses</b>		
AEC 202	Basic Principles of Agric Economics	4
CED 341	Entrepreneurship I	2
<b>General Studies Course:</b>		
GSP 202	Basic Concept and theory of Peace II	2
GSP 208	Logic Philosophy and Human Existence II	2
		22
<hr/>		
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 311	General and Applied Nutrition	2
HND 323	Personnel and Institutional Management	2
HND 331	Evaluation and Analysis of Food and Diets	2
HND 333	Quantity Food Production and Services	2
HND 341	Human and Child Development II	2
HND 351	Housing the Family	2
HND 353	Marriage and Family Relation	2
HND 361	Pattern Drafting and Clothing Construction	4
HND 363	Allied craft	2
HND 381	Research Methods in Home Science	2
		22
<hr/>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 372	Industrial Training	15
		15
<hr/>		
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 411	Community Nutrition	2
HND 431	Recipe Development and Advanced Food Preparation	2
HND 441	Principles and Administration of Child Care Programme	2
HND 443	Institutional, Childcare Equipment/Material Management	2
HND 451	Advanced Resource Management	2
HND 453	Interior Decoration and Design	2
HND 455	Consumer Education	2
HND 461	Advanced Pattern Drafting and Clothing Construction	2
HND 463	Advanced Allied Craft	2

		<i>Programmes</i>	177
HND 481	Seminar in Home Science, Nutrition and Dietetics		2
CED 341	Entrepreneurship I		2
			<u>22</u>
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
HND 416	Nutrition Education		2
HND 442	Practice of Childcare		2
HND 52	Home Furnishing and Management		2
HND 454	Home Management (Practical)		2
HND 458	Family Development, Family Life Education and Family Planning		2
HND 462	Fashion Trend, Clothing Technology and Merchandising		2
HND 472	Extension Programme in Home Science		2
HND 492	Project in Home Science		6
CED 342	Entrepreneurship II		2
			<u>22</u>
<b>Three-Year Standard Programme</b>			
<b>First Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
<b>Required Ancillary Courses</b>			
FAA 103	Two Dimensional Design I		3
PSY 101	Introduction to Psychology		2
HND 261	Fundamentals of Textile and Clothing		2
HND 201	Human Physiology and Pathology I		2
HND 211	Human Biochemistry for Nutritionists I		2
STA 203	Statistics for Agric & Biological Sciences		2
FRE 101	Elementary French I		2
<b>General Studies Courses</b>			
GSP 101	Communication in English I		2
GSP 111	Use of Library and Study Skills		2
GSP 201	Basic Concepts and Theory of Peace		2
GSP 207	Logic Philosophy and Human Existence I		2
			<u>23</u>
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
HND 202	Human Physiology and Pathology II		2
HND 212	Human Biochemistry for Nutritionists II		2
HND 232	Basic and Experimental Foods		2
HND 234	Food Biochemistry		2
HND 242	Human and Child Development I		2
HND 262	Design, Pattern Drafting and Alteration		2
<b>Required Ancillary Courses</b>			
AEC 202	Basic Principles of Agric Economics		4
FRE 102	Elementary French II		2
<b>General Studies Courses</b>			
GSP 202	Issues in Peace&Conflict Resolution Studies		2
GSP 208	Nigerian People and Culture		2
GSP 102	Communication in English II		2
			<u>24</u>
<b>Second Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
HND 311	General and Applied Nutrition		2
HND 323	Personnel and Institutional Management		2
HND 333	Quantity Food Production and Services		2

HND 341	Human and Child Development II	2
HND 351	Housing the Family	2
HND 361	Clothing Construction	2
HND 363	Allied craft	2
HND 381	Research Methods in Home Science, Nutrition and Dietetics	2
HND 231	Agricultural Food Products	2
HND 251	Principles of Resource Management	2
AG 201	General Agric/Food Production	3
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 3272	Industrial Training	15
		<hr/> 15

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 411	Community Nutrition	2
HND 431	Recipe Development and Advanced Food Preparation	2
HND 441	<b>Principles and Administration of ChildCare Programme</b>	2
HND 443	Institutional, Childcare Equipment/Material Management	2
HND 451	Advanced Resource Management	2
HND 453	Interior Decoration and Design	2
HND 455	Consumer Education	2
HND 461	Advanced Pattern Drafting and Clothing Construction	4
HND 463	Advanced Allied Craft	2
HND 481	Seminar in Home Science, Nutrition and Dietetics	2
CED 341	Entrepreneurship I	2
		<hr/> 24

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 416	Nutrition Education	2
HND 442	Practice of Childcare	2
HND 452	Home Furnishing and Management	2
HND 454	Home Management (Practical)	2
HND 458	Family Development, Family Life Education and Family Planning	2
HND 462	Fashion Trend, Clothing Technology and Merchandising	2
HND 472	Extension Programme in Home Science	2
HND 492	Project in Home Science Nutrition and Dietetics	6
CED 342	Entrepreneurship II	2
		<hr/> 22

**Department of Nutrition and Dietetics****Staff**

N. M. Nnam, B.Sc., M.Sc., M.Ed., Ph.D. PGDE. (Nigeria)	Professor
E. K. Ngwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor/Head
U. A. Onyechi, B.Sc. (Pennsylvania), M.Sc. (Ohio), Ph.D. (London)	Professor
V. N. Ibeanu, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
E. U. Madukwe, HND, PGDE, M.Sc., Ph.D. (Nigeria)	Professor
N.O. Onuoha, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
J. U. Nwamarah, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
J. N. Chikwendu, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
G. T.O. Otitoju, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
U. S. Onoja, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
R. N. B. Ayogu, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
E. A. Udentia, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer 1
R. I. Edeh, B.Sc., M.Sc. (Ibadan)	Lecturer 1

A. M. Okafor, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer 1
I. C. Afiaenyi, B.Sc., M.Sc. (Nigeria)	Lecturer 1
P. N. Ani, B.Sc. (Nigeria)	Lecturer 11
P. E. Eme, B.Sc., M.Sc. (Nigeria)	Lecturer 11
S. N. Eze, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer 11
A. N. Maduforo, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
O. F. Chukwuka, B.Sc. (Nigeria)	Graduate Assistant
L. D. Nsofor, B.Sc. (Nigeria)	Graduate Assistant
O. C. Anoshirike, B.Sc., MPH (Nigeria)	Graduate Assistant
P. E. Ezeja, B.Sc. (Nigeria)	Graduate Assistant
M. S. Chukwu, HND	Senior Technologist
E. C. Agbo, B.Sc. (Nigeria)	Technical Instructor II
C. A. Ugoka, B.A. (Nigeria)	Technical Instructor II
C.V. Anidi, B.Sc. (Nigeria)	Technical Instructor II
O. P. Umeakuka, B.Sc. (Nigeria)	Technical Instructor II
R. O. Uchenna, B.Sc. (Nigeria)	Technical Instructor II
M. C. O. Iroegbu, OND	Higher Executive Officer
N. C. Eberechukwuepoh, B.Sc. (Nigeria)	Senior Laboratory Supervisor
J. O. Inya-Osu, B.Sc. (Nigeria)	Higher Technical Officer 11
E. C. Arene, B.Sc. (Nigeria)	Higher Technical Officer 11
U. C. Zogini, B.Sc. (Nigeria)	Higher Laboratory Supervisor
L.C. Ngozi, B.Sc. (Nigeria)	Laboratory Supervisor
A. C. F. I. Onyeukwu, B.Sc. (Nigeria)	Laboratory Supervisor
A. I. Onwuchekwa, B.Sc. (Nigeria)	Laboratory Technologist

### Philosophy

Human Nutrition as a science deals with the foods which the human organism requires, how he utilizes them and how he deals with the waste products due to its activities. Dietetics, on the other hand, is the application of scientific principles of Nutrition to human subjects in health and disease conditions. The student of Nutrition and Dietetics is thus engaged in a broad multidisciplinary study bridging the gap between the areas of food science, applied medical science and management studies.

### Objectives

The objectives of the programme are to ensure that students:

1. Understand the inter-relationship among agriculture, food and nutrition as well as how they relate to health
2. Understand the nutritional values of locally available foods and appreciate the function of the different constituents, nutrients, their interaction and possible toxic effects of non-nutrient constituents.
3. Can assess the main nutritional problems in a community; appreciate the causes and severity of malnutrition in a community and design intervention for their solution.
4. Plan and formulate adequate diets in health and diseases for all the groups and population types.
5. Appreciate the effects of processing methods on the nutritive value of food and apply these techniques to improve the quality of local food resources in order to meet nutritional needs of the individuals, community and population at large.
6. Plan, implement, monitor and evaluate nutrition programmes and
7. Have a global view of the problems of malnutrition and agencies involved in solving the problem, especially in Africa.

### Scope

The programme commences with a study of the relevant branches of the natural and management sciences, which form the basis of a coordinated sequence of applied course offered in the penultimate and final years. An essential aspect of this course is the opportunity provided for students to gain direct practical experience during periods of industrial training (IT) in the food industries, hotels, hospitals, research centers, corporate organizations and agencies.

### Admission Requirements

#### UTME Entry Requirements

To be admitted into the 4 year B.Sc Nutrition and Dietetics Programme, the candidate must have the University general entry requirements, which include credit level in the Senior Secondary School

Certificate Examination (SSSCE) or the National Examination Commission (NECO) or the General Certificate of Education Ordinary level (GCE O/L) in five subjects including an approved science subject obtained at not more than two sittings. In addition to the general University entry requirements, candidates must have obtained credits in the SSSCE or NECO or GCE O/L equivalent in Chemistry, Biology or Food and Nutrition or Agricultural Science and Physics or Mathematics. A pass in English language is acceptable.

### **Direct Entry Requirements**

Candidates must have passes at the principal level in the Higher School Certificate Examination or equivalent passes at the GCE Advanced Level in two of the following subjects:- Chemistry, Biology (Botany and Zoology), Agricultural Science, Physics or Mathematics. Candidates with Certificate in Nursing or Diplomas in relevant subjects may be offered admission by direct entry. In addition to the Departmental requirements, the candidate must also satisfy the UME entry requirements.

### **Requirements for graduation and classification of degrees**

In order to graduate, a Nutrition and Dietetics undergraduate student must obtain a **minimum** of 144 units (18 units per semester for a total of 8 semesters) from Year I to Year IV inclusive. It is compulsory that each student passed all prescribed relevant and registered courses before award of the B. Sc. Nutrition and Dietetics. The B. Sc. Degree award is classified as follows:

### **Job Opportunities**

Individuals with training in Nutrition and Dietetics have varied career opportunities. In Nigeria, the following areas of job opportunities exist:

**Nutrition educator:** Nutrition educator can serve as a teacher in secondary/tertiary institutions, or extension staff in Ministry of Agriculture to teach rural and urban people nutrition and the application of nutrition principles; may be employed in the Ministry of Health to educate people on nutrition in hospitals, health centres and clinics and during outreach programmes; or may be employed by broadcasting houses to teach nutrition to the masses through the media, can write newspaper or magazine articles on nutrition-related topics or set up a private consultancy to advice and teach people who need help.

**Research Nutritionist/Dietitian:** A research nutritionist may be employed in Research Institutions, Agricultural Stations and Medical Research Institutions to help in the evaluation of nutritional quality of newly developed specie of plants and animals that can be used for food and various products and acceptability and toxicity. They may be involved in recipe standardization and other aspects of food testing.

**Public Health Nutritionists:** Public Health Nutritionists carry out the nutrition program of health agencies by engaging in organized community efforts to educate individuals and groups in the improvement of nutritional practices.

**Industrial Nutritionist/Medical delegates to food and pharmaceutical companies:** The nutritionist may select a career in industry, particularly Food and Drug industries. His/her job is to test the foods produced and advise on their nutrient content. In addition to this, he/she may help to organize and run the canteens belonging to the industry. They could function as Medical Delegate for food companies such as Nestle, Cadbury, WAMCO, UniLever, etc., where they help to promote the sale of their products

**Clinical Nutritionist/Dietitian:** These are concerned with the use of nutrition measures for the maintenance of health, management of disease and trauma, and prevention of disease. They can perform different functions as

- a) **Administrative Dietitians:** These are in charge of food ordering and supplies, personnel, maintenance of records and equipment and responsible for the food served to the entire hospital population (patients, employees, and professional staff members)
- b) **Therapeutic Dietitians:** These are in charge of the planning and service of modified diets. They visit patients, confer with doctors, instruct the patients about the nature of his/her diet while in the hospital.
- c) **Clinical Dietitians:** They guide and teach patients individually or in groups in an outpatient clinic how to fulfill their nutritional needs at the time of their discharge. They work mainly with patients that are not hospitalized.



- d) **Research Dietitians:** These individuals direct special studies that involve meticulous records of all the food intake of patients and all that his/her body secretes and excretes. From such experimentation, modification in diets may be discovered.
- e) **Consultant Dietitians:** These are dietitians who set up special services for patients and clients who require dietary management, which involves diet therapy, dietary guidelines and comprehensive dietary counseling. They may also enjoy daily freelance work.
- f) **Teaching Dietitians:** These function in institutions where Dietetics is offered at undergraduate and postgraduate levels. They can also help to monitor and teach nurses, medical and dental students as well as dietetic interns.

**Commercial Food Service Managers:** These are employed in commercial concerns such as airlines, hotels, restaurants, departmental meals, schools, etc. Their responsibility is to produce high quality meals, realize maximum profit and have the ability to gain and hold the patronage of the public.

**Nutritionists in Government and Non-governmental developmental Organizations:** Nutritionists in agencies such as Food and Agriculture Organizations (FAO), United Nation International Children's Fund (UNICEF), World Bank (WB), World Health Organization (WHO) are involved in the formulation and harmonization of food and nutrition policy, sponsoring research, monitoring and evaluation of nutrition programs in different countries of the world.

**Nutrition Entrepreneurs:** Individuals in this category are creators of employment, goods and services. The course provides graduates with skills that will enable them to be self-employed. They can establish catering outfits, health food shops, health monitoring outfits and consultancy services.

Nutritionists and Dietitians at some time during their professional lives, are called upon to appear on a radio or television program to discuss nutritional and/or dietetic issues.

#### Stress Areas

Introductory/Foundational Courses	0
Human Nutrition	1
Dietetics and Food Administration	2
Foods	3
Child Development and Child Care	4
Home Management	5
Textile and Clothing	6
Extension/Industrial Training	7
Seminar	8
Project	9

#### Four-Year Programme of Nutrition and Dietetics

##### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
<b>Required Ancillary Courses</b>		
CHM 101	Basic Principles of Chemistry I	2
AG 101	Biomathematics	2
COS 101	Introduction to Computer Science	2
MTH 111	General Mathematics I	3
BIO 151	General Biology	3
CHM 171	Basic Practical Chemistry	2
FRE 101	Elementary French I	2
<b>General Studies Courses</b>		
GSP 101	Communication in English I	2
GSP 111	Use of Library and Study Skills	2
		<hr/> 20

##### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 102	Introduction to Home Science Nutrition and Dietetics	2
<b>Required Ancillary Courses</b>		

AG 102	Agricultural Physics	4
CHM 112	Basic Principles of Chemistry II	2
CHM 122	Basic Principles of Chemistry III	2
BIO 152	General Biology	3
BIO 153	General Biology (Practical)	2
FRE 102	Elementary French II	2
<b>General Studies Courses</b>		
GSP 102	Communication in English II	2
		<hr/> 19

**Second Year***First Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 201	Human Physiology & Pathology I	2
HND 203	Introduction to Clinical Nutrition	2
HND 211	Human Biochemistry for Nutritionists I	2
HND 231	Agricultural Food Products	2
<b>Required Ancillary Courses</b>		
SOC 101	Introduction to Sociology	2
PSY 101	Introduction to Psychology	2
MCB 201	General Microbiology I	3
AG 201	General Agric/Food Production	3
STA 203	Statistics for Agric and Biological Sciences	2
<b>General Studies Courses</b>		
GSP 201	Basic Concepts and Theory of Peace	2
GSP 207	Logic Philosophy and Human Existence II	2
		<hr/> 24

*Second Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 202	Human Physiology and Pathology II	2
HND 212	Human Biochemistry for Nutritionists II	2
HND 232	Basic and Experimental Foods	2
HND 234	Food Biochemistry	2
<b>Required Ancillary Courses</b>		
AEC 202	Principles of Agric Economics	4
MCB 322	Food Microbiology	4
<b>General Studies Courses:</b>		
GSP 202	Issues in Peace & Conflict Resolution Studies	2
GSP 208	Nigerian People and Culture	2
		<hr/> 20

**Third Year***First Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 311	General and Applied Nutrition	2
HND 315	Practice of Nutrition	2
HND 321	Diet Therapy and Hospital Practice I	3
HND 323	Personnel and Institutional Management	2
HND 331	Evaluation and Analysis of Foods and Diets	2
HND 333	Quantity Food Production and Services	2
HND 381	Research Methods in Home Science Nutrition and Dietetics	2
<b>Required Ancillary Course</b>		
FST 311	Food Chemistry and Toxicology	4
		<hr/> 19

*Second Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 372	Industrial Training	15

15

**Fourth Year -**

*First Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 411	Community Nutrition	3
HND 413	Nutrition Planning and Policy	2
HND 415	International Nutrition	2
HND 421	Diet Therapy and Hospital Practice II	3
HND 431	Recipe Development and Testing	2
HND 433	Advanced Food Preparation	2
HND 455	Consumer Education	2
HND 481	Seminars in Home Science, Nutrition and Dietetics	2
CED 341	Entrepreneurship I	2
		20

*Second Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 412	Advances in Human Nutrition	2
HND 414	Public Health Nutrition	2
HND 416	Nutrition Education	2
HND 422	Clinical Practice	3
HND 458	Family Life Education and Family Planning	2
HND 492	Project in Home Science, Nutrition and Dietetics	6
<b>Required Ancillary Course</b>		
CED 342	Entrepreneurship II	2
		19

**Three-Year Standard Programme**

**Second Year**

*First Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 201	Human Physiology & Pathology I	2
HND 211	Human Biochemistry for Nutritionists I	2
SOC 101	Introduction to Sociology	2
PSY 101	Introduction to Psychology	2
MCB 201	General Microbiology I	3
STA 203	Statistics for Agric and Biological Sciences	2
FRE 101	Elementary French I	2
GSP 101	Communication in English	2
GSP 111	Use of Library and Study Skills	2
GSP 201	Basic Concepts and Theory of Peace	2
GSP 207	Logic, Philosophy and Human Existence	2
		23

*Second Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 202	Human Physiology and Pathology II	2
HND 212	Human Biochemistry for Nutritionists II	2
HND 232	Basic and Experimental Foods	2
HND 234	Food Biochemistry	2
AEC 202	Principles of Agric Economics	4
MCB 322	Food Microbiology	4
FRE 102	Elementary French II	2
GSP 102	Communication in English II	2
GSP 202	Issues in Peace & Conflict Resolution Studies	2
GSP 208	Nigerian People and Culture	2
		24

**Third Year**

*First Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 203	Introduction to Clinical Nutrition	2
HND 231	Agricultural Food Products	2
HND 311	General and Applied Nutrition	2
HND 315	Practice of Nutrition	2
HND 321	Diet Therapy and Hospital Practice I	3
HND 323	Personnel and Institutional Management	2
HND 333	Quantity Food Production and Services	2
HND 381	Research Methods in Nutrition&Dietetics	2
AG 201	General Agriculture	3
FST 311	Food Chemistry and Toxicology	4
		<hr/> 24

*Second Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 372	Industrial Training	15
		<hr/> 15

**Fourth Year**

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*First Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 331	Evaluation and Analysis of Food and Diets	2
HND 411	Community Nutrition	3
HND 413	Nutrition Planning and Policy	2
HND 415	International Nutrition	2
HND 421	Diet Therapy and Hospital Practice II	3
HND 431	Recipe Development and Testing	2
HND 433	Advanced Food Preparation	2
HND 455	Consumer Education	2
HND 481	Seminars in Home Science, Nutrition and Dietetics	2
CED 341	Entrepreneurship I	2
		<hr/> 22

*Second Semester*

CODE	TITLE	UNITS
<b>Major Courses</b>		
HND 412	Advances in Human Nutrition	2
HND 414	Public Health Nutrition	2
HND 416	Nutrition Education	2
HND 422	Clinical Practice	3
HND 458	Family Life Education and Family Planning	2
HND 492	Project in Home Science, Nutrition and Dietetics	6
<b>Required Ancillary Course</b>		
CED 342	Entrepreneurship II	2
		<hr/> 19

**Department of Soil Science****Staff**

C.L.A.Asadu, B.Agric, M.Sc., Ph.D. (Nigeria)	Professor/Head
C.A Igwe, B.Agric, M.Sc., Ph.D. (Nigeria)	Professor
P.I Ezeaku, B.Agric,(Enugu), M.Sc., Ph.D. (Nigeria)	Senior Lecturer
C.M Jidere, B.Agric, M.Sc., (Nigeria)	Senior Lecturer
I.M Uzoh, B.Agric, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
S.E Obalum, B.Agric, M.Sc., (Nigeria) Ph.D. (Kinki Japan)	Senior Lecturer
C.B Obika, B.Agric, M.Sc., (Nigeria) Ph.D. (Kumasi)	Senior Lecturer
C.V Azuka, B.Agric, M.Sc., (Nigeria) Ph.D. (Cotonou)	Lecturer I
B.O Unagwu, B.Agric, M.Sc., (Nigeria) Ph.D. (Cranfield UK)	Lecturer II
E.J Eneh, B.Agric, M.Sc., (Nigeria) Ph.D. (Cranfield UK)	Lecturer II
G.U Chibuike, B.Agric, (Nigeria) M.Sc., (UK)	Lecturer II

I.G Edeh, B.Agric, M.Sc., (Nigeria)  
 N.E Ebido, B.Agric, (Nigeria) M.Sc., (Ibadan)  
 C.M Igwenagu, B.Agric, (Nigeria) M.Sc., (New Zealand)  
 C.E Awaogu, B.Agric, (Calabar)  
 F.U. Eze, B.Agric (Nigeria)  
 C.M.Omeje, B.Agric, M.Sc., (Nigeria)  
 A O. Okereke, HND (NIST)  
 C A. Iwueze, HND (NIST)  
 N.C Ojionuka, HND (NIST)  
 U.O Ndukwe, B.Sc., M.Sc., (Nigeria)  
 C.M. Enechi, B.Sc. (Enugu) PGD (Nigeria)  
 C.C Okafor, B.Agric (Nigeria)  
 E.U Ali, B.Sc. (Nigeria)

Assistant Lecturer  
 Assistant Lecturer  
 Assistant Lecturer  
 Graduate Assistant  
 Principal Agric Superintendent  
 Senior Agric Superintendent  
 Laboratory Technologist I  
 Laboratory Technologist I  
 Laboratory Technologist I  
 Higher Technical Officer  
 Higher Technical Officer  
 Higher Technical Officer  
 Executive Officer

### **Brief History of the Department**

From 1960 to the end of 1972/73 academic session, the University of Nigeria offered the B.Sc. (Plant/Soil Sci.) degree programme. In 1974 the University split this programme into B.Sc. (Soil Science) and B.Sc. (Crop Science) programmes to be offered by the full-fledged departments. It was then that the Department of Soil Science was created. In 1978 the University approved a joint programme of courses for undergraduates (years 1-4) in the Departments of Animal Science, Agricultural Economics, Agricultural Extension; Crop Science and Soil Science. This necessitated the re-designation of the programme to B. Agriculture. Final year students who opt for soil science would be awarded B. Agriculture (Soil Science).

Since 1974 the main stress areas had been Soil Chemistry, Soil Fertility; Soil Genesis and Classification; Soil Survey and Land Evaluation; Soil Physics and Conservation, and Soil Biochemistry and Microbiology. The Department earned full accreditation by the National University Commission (NUC). The Department has produced several graduates who are presently serving in different positions in many industries and parastatals in the country

### **Philosophy**

Both soil and land are basic natural resources and their care and management are also basic to survival of any nation. Sound training is required for their sustainable use to serve mankind. The philosophy of the Department of Soil Science and land Management programme generally centres on producing graduates that are well versed in sustainable agricultural production, environmental quality control and sustainability. The Department believes that rapid changes in scientific approaches to soil studies and environmental issues including climate change impact on land qualities can only be well addressed by adequate and enhanced university training in soil and land management. Thus, this reversed programme is designed to provide a broad theoretical and practical training in agricultural sciences and land management which are relevant in Nigeria in particular and the world at large. This programme will enhance the chances of attracting prospective UTME candidates to the Department.

### **Objectives**

The main objectives of the Department is to provide broad practical and theoretical training in the basic agricultural sciences and land management, and to produce highly skilled graduates who have acquired the resources to meet the agricultural, developmental and environmental needs of Nigeria and the world at large. The Departmental academic programme is developed based on the need to meet the nation's drive for increased food production, and effective transformation of agriculture as well as the promotion of sustainable use of soil, land and water resources.

The programme aims specifically to:

- i. produce graduates with skills in soil and land management for increasing the productivity of agricultural lands and sustainable environment.
- ii. produce graduates well-versed in soil resources and water conservation techniques for sustainable land use and management.
- iii. produce graduates with adequate knowledge and skills for research and development (R & D) in soil and land management, environmental sustainability and quality control.
- iv. produce graduates with theoretical and practical knowledge on the use of Global Positioning System (GPS) instruments in land management and climate change research.

### **Scope**

The soil science and land management programme captures its three main roles in agricultural production, environmental studies and management of soil resources. The programme covers various aspects of land management, land evaluation, environment, geographic information system (GIS), climate and climate change issues, biogeography, forestry, and waste management. Other major courses covered in the programme are Pedology, Soil Genesis, Soil Survey, Classification and Evaluation, Soil Physics, Soil Chemistry, Mineralogy, Biology, Biochemistry, Soil and Water Conservation, and Fertility Management (agronomy).

The programme provides training on the basic agricultural sciences for the first three years and a full year's practical training in approved farms and other agro-based establishments during the fourth year. Field trips are part of the fourth year requirements and are usually made to relevant research institutes such as the International Institute for Tropical Agriculture (IITA), Ibadan, Nigerian Institute for Oil Palm Research (NIFOR), Benin, Cocoa Research Institute of Nigeria (CRIN) Ibadan, Satellite Centre, Obafemi Awolowo University, Ife, etc.

In the final year, the students are given intensive training in the areas of soil survey, genesis, classification and land evaluation and management; soil physics and hydrology including irrigation and drainage practices; soil and water conservation, soil chemistry and fertility as well as soil biology and biochemistry.

The Department also offers service courses to the Departments of Agricultural and Bio-resources Engineering, Vocational Teacher Education (VTE – Agricultural Education option), Estate Management in addition to the courses taken by all B. Agriculture students in their first years in the Faculty of Agriculture.

### Entry Requirements

The Department admits students by Unified Tertiary Matriculation Examination (UTME) and Direct Entry

- a. **Unified Tertiary Matriculation Examination(UTME) for five-year-programme**
  - i. Credit passes at not more than two sittings in English Language, Mathematics or Physics, Chemistry, Biology or Agricultural Science and any other two subjects in the Senior Secondary School Certificate Examination (SSSCE) or the West African School Certificate examination (WASCE), National Board for Technical Education and Business (NABTEB), National Examination Council (NECO), GCE O'Level.
- b. **Direct entry for four-year-programme**
  - i. Pass in Chemistry and Biology or Agricultural Science at Higher School Certificate (Principal Levels) Examination.
  - ii. At least credit passes at OND or NCE with Agricultural Science major
  - iii. First degree in relevant fields

### Job Opportunities

At the end of the programme, the B. Agriculture graduate (Soil Science and Land Management) would have acquired adequate knowledge and skills to effectively engage in production and research in every aspect of agriculture and related areas that would provide solution to Nigeria's agricultural and rural development problems and improve agricultural productivity in general and also general land management for environmental sustainability and quality control. Skills acquired would also enable the graduates to establish and manage their own farms profitably; and also be gainfully employed in private and public sectors.

The graduates of soil science and land management can be employed in the following fields:

- Government ministries, parastatals, and agencies such as agriculture, environmental protection agencies, etc.
- Private sectors such as civil engineering and road construction companies for soil quality evaluation.
- Government and private farms as well as agro-based industries.
- International organizations such United Nations Environmental Protection (UNEP), Food and Agriculture Organization (FAO), etc.
- Oil and gas industry for environmental quality control, environmental impact assessments and remediation of degraded and polluted lands.
- Tertiary institutions as teaching, research and non-teaching staff.

- Waste management industries
- Non-governmental organizations (NGOs).
- Get self-employed in agriculture and consultancy services

**Stress Areas**

Foundational courses	0
Land Resources Management	1
Pedology, Soil Genesis	2
Soil Survey, Classification and Land Evaluation	3
Soil Physics, Hydrology, Irrigation, Drainage, Meteorology, Climatology	4
Soil, Water Conservation, Land and Waste Management	5
Soil Chemistry, Fertility, Plant and Soil Analysis	6
Soil Biology, Bio-resources and Management	7
Seminar	8
Projects	9

**Five Year Programme of the Department of Soil Science****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses (Elective)</b>		
SSL 101	Introduction to Land and Soil Resources	2
CAB 161	Introduction to Agro-Biotechnology	2
AEX 101	Philosophy and Principles of Agricultural Extension 2	2
AEC 101	Introduction to Agricultural Economics I	2
ANS 101	Introduction to Animal Science and Animal Genetics 2	2
<b>Required Ancillary Courses</b>		
AGR101	Biomathematics	2
CHEM 101	Basic Principles of Chemistry I	2
CHEM 171	Basic Practical Chemistry	2
BIO 151	General Biology I	3
MTH 111	Elementary Mathematics I	3
<b>General Studies Courses</b>		
GSP 101	Use of English I	2
GSP 201	Social Sciences	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
SSL 104	Introduction to Rural and Urban Land Management	2
AGR 102	Agricultural Physics	4
<b>Required Ancillary Courses</b>		
CHEM 112	Basic Principles of Chemistry II	2
CHEM 122	<b>Basic Principles of (Physical) Chemistry III</b>	2
BIO 152	General Biology II	3
BIO 154	General Biology (Practical)	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
		<hr/> 19

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
SSL201	Principles of Soil Science	2
SSL 211	Rural and Urban Land Inventory by GIS Techniques and Management	2
SSL 241	Climatology and Climate Change	2
<b>Required Ancillary Courses</b>		
AGR 201	General Agriculture	3
ANS 241	Nutrition, Anatomy and Physiology of Farm Animals	2
CSC 221	Crop Anatomy, Taxonomy and Physiology	2

HSN 201	Introduction to Home Science	2
CSC 201	Principles of Forestry	2
COS 101	Introductory to Computer Science	2
<b>General Studies Courses</b>		
GPS 207	Humanities I	2
		<hr/> 21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SSL 242	Biogeography and Land Resources	2
<b>Required Ancillary Courses</b>		
AGE 202	Principles of Agricultural Economics	4
AGE 212	Entrepreneurship I	2
ANS 222	Introduction to Agricultural Biochemistry	2
ANS 272	Fisheries & Wildlife Production	2
ANS 274	Principles of Animal Production	2
CSC 222	Principles of Crop Production	2
FST 102	Introduction to Food Science and Technology	2
<b>General Studies Courses</b>		
GSP 208	Humanities II	2
		<hr/> 20
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SSL 311	Land Classification and Evaluation	2
SSL 321	Pedology	3
<b>Required Ancillary Courses</b>		
AGE 301	Basic Farm Management and Production Economics	3
AGX 311	Introduction to Agricultural Extension and Rural Sociology	2
ANS 371	Non-ruminant Animals Production	2
CSC 321	Arable Crop Production	2
CSC 331	Principles of Crop Protection	2
COS 201	Computer Programming I	2
		<hr/> 18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SSL 362	Soil Chemistry and Micro-Biology	2
<b>Required Ancillary Courses</b>		
AGR 302	Agricultural Statistics and Data Processing	2
AGE 312	Entrepreneurship II	2
AGX 312	Extension Teaching Method	2
ANS 322	Agricultural Biochemistry and Methods	2
ANS 332	Animal Genetics and Breeding	2
ANS 372	Ruminant Animals Production	2
CSC 322	Crop Genetics and Breeding	2
CSC 342	Permanent Crops Production	2
ABE 304	Introductions to Farm Machinery	2
		<hr/> 20
<b>Fourth Year (Farm Year)</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SSL 411	Digital Land Map Prod. For Land Use Management	2
SSL 431	Farm Design, Survey & Land Use Planning	2
SSL 441	Agricultural Meteorology, Irrigation and Drainage	2
<b>Required Ancillary Courses</b>		
AGR 401	Agricultural Product Storage	2



ANS 471	Animals Husbandry Techniques (Cattle, Sheep Goat, Poultry, Pigs	3
CSC 421	Crop Production Techniques(Permanent, Arable, Horticultural etc.)	4
CSC 431	Crop Protection and Pest Control	2
		<hr/> 17

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

SSL 412	Management of Wastes through Land Application	2
SSL 462	Soil Fertility, Soil and Water Management	2

**Required Ancillary Courses**

AGR 402	Farm Work Project and Report Writing	6
ABE 401	Agricultural Engineering Practical	2
AGE 422	Farm Management and Accounting Practice	2
AGX 412	Extension Practice	2
FVM 443	Animals Health Management	2
		<hr/> 18

**Fifth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

SSL 511	Qualitative and Quantitative Land Management	2
SSL 521	Soil Genesis and Classification	2
SSL 531	Soil Survey and Land Use Planning	2
SSL 541	Soil Physics	2
SSL 551	Soil Conservation and Land Management	
SSL 561	Soil Chemistry, Microbiology and Bio-remediation	2
SSL 562	Soil and Plant Analysis	2

**Required Ancillary Courses**

CSC 541	Vegetable Crops	2
CSC 521	Field Crops	2
CSC 511	Field Experimentation	2

**Elective**

CSC 531	Plant Protection	2
SSL 581	Seminar	1
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

SSL 512	Land Use Survey and Management	2
SSL 543	Principles of Irrigation and Drainage	2
SSL 563	Soil Fertility and Plant Nutrition	2
SSL 572	Soil Biology and Biochemistry	2
SSL 581	Seminar	1
SSL 590	Special Project 4	

**Required Ancillary Courses**

CSC 544	Plantation Crops	2
CSC 522	Forage and Fodder Crop Production	2
CSC 523	Plant Breeding (Including Seed Production)	2

**(Choose one Course below)**

CSC 534	Weed Sciences	2
CSC 544	Post Harvest Physiology and Product Storage	2
		<hr/> 21

**Faculty of Arts****Dean's Office****Staff**

C.U. Onyeji, Dip. Mus.Ed., B.A., M.A. (Nigeria)	D.Mus. (Pretoria)	Dean
N. Agujiobi-Odoh, B.A., M.A., M.A., Ph.D. (Nigeria)		Associate Dean
L.N. Ezeasor, B.Ed. (Nigeria)		Principal Assistant Registrar
G. Aja, B.Sc. (Nigeria)		Administrative Officer
F.A. Arua, B.Sc. (Nigeria)		Chief Executive Officer
P. Nwifo, B.Ed. (Nigeria)		Assistant Chief Executive Officer
M.U. Asogwa, B.Sc. (Nigeria)		Senior Typist

**Department of Archaeology and Tourism****Staff**

A. I. Okpoko, B. A, Ph.D. (Ibadan)	Professor
E. E. Okafor, B. A, M.Sc., (Ibadan), Ph.D. (Sheffield)	Professor
P. U. Okpoko, B. A, M.A., Ph.D. (Nigeria)	Professor
P. U. Callistus Dieke, B. A(Nigeria), M.Sc. (USA), Ph.D. (UK)	Professor
A. M. Ibeanu, B. A, M.Sc. (Ibadan), Ph.D. (Nigeria)	Professor/Head
P. I. Eze-Uzomaka, B.A., M.A., (Nigeria), Ph.D. (Sheffield)	Reader
E. I. Itanyi, B.A., M.A., Ph.D. (Nigeria)	Senior Lecturer/Ag Head. 2015/2017
C. S. Agu, B.A., M.A. (Nigeria)	Senior Lecturer
E. E. Okonkwo, B.A., M.A., Ph.D. (Nigeria)	Senior Lecturer
C. C. Oguamanam, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
E. A. Nwankwo, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
J. U. Ngonadi, B. A. (Nigeria), M. A. (Tanzania)	Lecturer I
M. O. Ukaegbu, B.A., M. A. (Nigeria), Ph.D. (New Zealand)	Lecturer I
C. V. Ngonadi, B. A. (Nigeria), M.A. (Tanzania)	Lecturer I
O. U. Henrietta, B.A., M. A. (Nigeria)	Lecturer II
J. K. Ugwuanyi, B.A., M. A. (Nigeria)	Lecturer II
A. P. Eyisi, B.A., M. A. (Nigeria)	Lecturer II
C. J. Odum, B.A., M. A. (Nigeria), Ph.D (Calabar)	Lecturer II
O. I. Anyanwu, B.A., M. A. (Nigeria)	Lecturer II
H. N. Anunobi, B.A., M. A. (Nigeria)	Lecturer II
K. C. Daraojimba, B.Sc., M.Sc., Ph.D. (Ibadan)	Lecturer II
O. F. Emeafor, B.A., M.A., Ph.D. (Nigeria)	Lecturer II
C. C. Oji, B.A., M. A. (Nigeria)	Assistant Lecturer
K. Chidiogo, B.A., M. A. (Nigeria)	Assistant Lecturer
J. A. Oloidi, B.A., M. A. (Nigeria)	Assistant Lecturer
A. O. Ojiako, B.A., M. A. (Nigeria)	Assistant Lecturer
E. C. Ugwuanyi, B.A., M. A. (Nigeria)	Assistant Lecturer
T. B. Nyey, B.A., M. A. (Nigeria)	Assistant Lecturer
T. A. Opemipo, B. A. (Nigeria)	Graduate Assistant
S. J. Onyemechalu, B. A. (Nigeria)	Graduate Assistant
S. C. Osinem, B. A. (Nigeria)	Graduate Assistant
R. U. Udeagha, B. A. (Nigeria)	Graduate Assistant
O.C. Madubunyi, B.Ed, M.Ed, MA. (Nigeria)	Chief Curator
C.U. Echezona, B.A. (Nigeria)	Curator I
J.O. Onyeabor, B.A., MA. (Nigeria)	Curator I
H.C. Ezezim, B.Sc. (Nigeria), M.Sc. (Port Harcourt)	Cartographer
Y.O. Ganiu, B.A. (Nigeria)	Curator II
E.N. Onyekwelu, B.Sc. (Nigeria)	Curator II
L.N. Ukekwe, B.A. (Zaria)	Curator II
U.N. Arene, B.A. (Nigeria)	Curator II
E.O. Enuke, B.Sc. (Nigeria)	Higher Technical Officer II
A.O. Ezema, B. A. (Nigeria)	Technologist
F.C. Madukwe, B.Sc. (Nigeria)	Higher Technical Officer II
F.I. Onah, B.Sc. (Nigeria)	Higher Technical Officer II
K. Ali, B.Sc. (Nigeria)	Higher Technical Officer I

### General Information

The history of Archaeology in the University could be traced back to 1963, when Prof. D. D. Hartle was hired. Initially, Hartle was given a laboratory in the then Science Faculty Building. Subsequently, for some obscure reasons, he moved base from the Faculty of Science to the Faculty of Arts where archaeology became subsumed under the Department of History. Given the scientific nature of the discipline and the resultant disagreement between archaeologists and historians, it became clear that archaeology with its scientific methodology needed a separate existence. It was also hoped that this separation would enable the department to grow more rapidly. This dream was realized on August 1, 1981, when the Department of Archaeology was created. It began with a B.A. Combined Honours Programme, and in 1985, the Single Honours Programme was introduced. In an attempt to bring the departmental programme in line with current trends in Archaeology as well as the desire to equip students to face the challenges posed by today's globalized environment, the department of Archaeology in 2004 developed an embracing curriculum leading to B.A. Hons in Archaeology and B.A. Hons in Tourism.

The programme has currently been revised into an inclusive B.A. (Hons) Degree in Archaeology and Tourism. Thus, the Department of Archaeology and Tourism presents a revised undergraduate programme leading to B.A. (HONS) degree in Archaeology and Tourism. Archaeology could be combined with the following subjects as both four-year and three-year Honours Degree programme: History, Linguistics, Languages, Fine and Applied Arts, Religion, Sociology/Anthropology, Philosophy, Geography, Geology, Botany.

In addition to courses taught through formal lectures, students are required to do supervised laboratory practical and undertake at least three field trips, which involve participation in Archaeology or a combined discipline. Those offering the B.A. (Honours) Degree in Archaeology and Tourism are also required to undertake a minimum of two internship programmes to qualify for the award of the degree.

The department offers service courses to departments in the Faculty of Education, and to Departments of History, Fine and Applied Arts and other interested departments that may require some knowledge of the subject. For example, Fundamentals of Archaeology, Theory and Methods in Archaeology, Human Evolution, etc., give some insight of what Archaeology is all about.

### Philosophy

The emerging realization of the relationship between Archaeology and Tourism and their values in today's society has motivated the department to develop programmes in the disciplines.

The programmes focus on the development of knowledge, skills and values for undergraduate students to enable them to handle heritage and tourism-related matters. The above philosophy informs the decision of the Department to offer courses that will enhance students' proficiency in these areas of human pursuit.

### Scope

The courses cover Archaeology, Tourism and related areas in the humanities with special emphasis on Africa.

### OBJECTIVES

The courses are designed to:

1. Equip students for careers in schools, Heritage Institutions, Museums, Arts Councils, Ministries, Tourism Corporations and Boards, Hotels and related areas.
2. Prepare students for postgraduate programmes/researches.
3. Enhance students' competency in tourism, archaeology and heritage management and build their capacity.

### JOB OPPORTUNITIES

Graduates of the programme can be employed as heritage/cultural attaches in embassies, heritage officers in Museum, Ministries of Information, Culture and Tourism. They can also be employed as tourism officers in tour operating agencies, airline establishments and other related areas. They will also be equipped to manage travel agencies, hotel outfits, courier and car hire services.

### Entry Requirements

(A) Four-Year Programme

Candidates coming into the four-year programme must have obtained five credits including English Language and any science subject as well as a Pass in Mathematics at WASC or GCE O/L or its equivalence.

**(B) Three-Year Programme**

Candidates coming into three-year programme must have passed two papers in Higher School Certificate or GCE A/L and have the minimum entry requirements of the University of Nigeria including a Credit in English Language and a pass in Mathematics at WASC or GCE O/L or its equivalence.

Holders of Diploma or NCE recognized by the University of Nigeria also qualify for Direct Entry.

Students combining Archaeology with Science or the Social Sciences must satisfy the requirements in the respective faculties.

**Stress Areas**

Theories and Methods in Archaeology and Tourism	0
Science in Archaeology and Tourism	1
Regional Studies in Archaeology and Tourism	2
Fieldwork/Practical in Archaeology and Tourism	3
Management in Archaeology and Tourism	4
Conservation in Archaeology and Tourism	5
Research Project in Archaeology and Tourism	6

**Five Year Programme**

**First Year**

**First Semester**

CODE	TITLE	UNITS
ACH 101	Fundamentals of Archaeology	3
TRM 103	Introduction to Tourism	3
ACH 121	Foundations of Civilization	2

**Required Ancillary Courses**

ANT 102	Introduction to Anthropology	4
GSP 101	The Use of English I	2
GSP 111	The Use of Library and Study Skills	2
HIS 121	Africa, 1500-1800 AD	3

**Elective: Choose one Course**

PSY 101	Principles of Psychology	2
PHL 101	Introduction to Philosophy	2
PHL 131	Logic and Clear Thought I	2
GEO 132	Elementary Surveying	3
		2or3
		<u>21or22</u>

**Second Semester**

**Major Courses**

ACH 102	Theory and Methods I	3
ACH 104	Public Archaeology	2
ACH 106	Introduction to Museum Studies	3
TRM 142	Tourism Planning and Development	2

**Required Ancillary Course**

GSP 102	The Use of English II	2
FAA 121	Basic Photography	2
ANT 121	Language in Society and Culture	2

**Elective: Choose one Course**

REL 101	Int. to the Study of Religion	3
PHL 102	Int. to Philosophy II	2
GEO 106	The Socio-economic Act. of Man	2
PHL 132	Logic and Clear Thought II	2
		2or3
		<u>18or19</u>

**Second Year**

**First Semester**

CODE	TITLE	UNITS
TRM 201	Introduction to Ethnographic Research	2
ACH 211	Environmental Archaeology	2

ACH 231	Fieldwork I		3
ACH 235	Artifacts Studies I		2
<b>Required Ancillary Courses</b>			
GSP 105	Natural Science I		2
GSP 201	Peace Studies and Conflict Resolution I		2
ANT 201	History of Anth. and Soc. Thought		4
ACH 213	Physico-Chemical Methods in Archaeology		2
<b>Elective: Choose one Course</b>			
GEO 215	Soils and Vegetation	2	
LIN 281	Writing Systems: Graphic Rep.	2	2
GEO 215	Introductory Biogeography	2	
			<hr/> 21
<b>Second Semester</b>			
<b>Major Courses</b>			
TRM 202	Tourism Marketing and Shopping		2
ACH 204	Introduction to Ethno-Archaeology		2
ACH 212	Human Evolution		2
ACH 222	Earliest Human Settlements in Africa		2
TRM 232	Industry Studies I		2
<b>Required Ancillary Courses</b>			
COS 101	Introduction to Computer		2
GSP 106	Natural Science II		2
GSP 202	Peace Studies and Conflict Resolution II		2
<b>Elective: Choose one Course</b>			
SOC 220	Pedology	2	
SOC 251	Social Change & Social Problems	3	
GEO 212	Geomorphological Proc. & Forms	2	
LIN 245	Morphology of African Lang.	3	2or3 18/19
<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
ACH 321	Ethnography of Africa		2
ACH 323	Foraging and Farming in Africa		2
ACH 331	Field Work II		3
TRM 301	Eco and Cultural Tourism		2
TRM 351	Conservation of Objects, Sites & Monuments		2
TRM 343	Transport and Travel Management		2
TRM 345	Human Resources Management in Tourism Operations		2
<b>Required Ancillary Courses</b>			
FAA 382	African Art I		2
CED 341	Introduction to Entrepreneurship I		2
<b>Elective: Choose one Course</b>			
POL 331	Personnel Management	2	
GEO 343	Rural Settlement Systems	2	
SOC 352	Ecology and Society	2	2
			<hr/> 21
<b>Second Semester</b>			
<b>Major Courses</b>			
TRM 306	Environmental Impact Assessment		2
TRM 308	Information Technology		2
ACH 322	Trade, Urban. & State Formt. in Africa		2
ACH 332	Artifacts Studies II		2
TRM 334	Industry Studies II		2
TRM 344	Accommodation and Catering Services		2
<b>Required Ancillary Courses</b>			
COS 304	Computer Applications		3
CED 342	Introduction to Entrepreneurship II		2

**Elective: Choose one Course**

ACH 314	Experimental Archaeology (2Units)	2	
FSS 201	Introduction to Statistical Methods for the Social Sciences	2	
ANT 321	African Religious Systems	2	2
			19

**Fourth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ACH 413	Quantitative Methods	2
ACH 421	Archaeology of Nigeria	3
ACH 431	Field Work III	3
ACH 441	Cultural Resource Management	2
TRM 463	Feasibility Studies	3
ACH 423	Archaeology of Igboland	2
ACH 433	Landscape Archaeology	2
ACH 435	Artifact Studies III	2
TRM 443	Ethical and Legal Aspects in Tourism	2
		21

**Second Semester****Major Courses**

Major Courses		
ACH 402	Theory and Methods II	3
ACH 404	Interpretation of Data	2
TRM 424	Case Studies in Nigerian Tourism	2
TRM 444	Financial Management in Tourism	2
ACH 464	Special Project	6
ACH 422	Africa's Indigenous Knowledge & Tech.	2
TRM 442	Museum Administration	2
		19

**Standard Three Year Degree Programme****First Year****First Semester**

First Semester		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ACH 101	Fundamentals of Archaeology	3
TRM 103	Introduction to Tourism	3
TRM 201	Introduction to Ethnographic Research	2
ACH 121	Foundations of Civilization	2
ACH 235	Artefact Studies I	2
<b>General Studies</b>		
COS 101	Introduction to Computer	2
GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
GSP 111	The Use of Library and Study Skills	2
<b>Required Ancillary</b>		
ANT 121	Language in Society and Culture	2
		22

**Electives: Choose one Course**

PSY 101	Principles of Psychology (2Units)	2	
PHL 101	Introduction to Philosophy (2Units)	2	
PHL 131	Logic and Clear Thought I (2Units)	2	
GEO 132	Elementary Surveying (3 Units)	2	2or3
			22/23

**Second Semester****Major Courses**

ELS 212	American Literature: The Modern Period	2
ELS 214	English Literature: Neo-Classical Period	3
ELS 222	Intermediate English Grammar and Composition	3
ELS 240	Comedy: Moliere to Soyinka	3

**General Studies**

GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
GSP 106	Natural Science II	2
		<hr/> 17

**Second Year****First Semester**

CODE	TITLE	UNITS
------	-------	-------

**Major Courses**

ACH 211	Environmental Archaeology	2
ACH 235	Artifacts Studies I	2
ACH 351	Conser. of Objects, Sites & Monuments	2
TRM 331	Field Work II	3
TRM 343	Transport and Travel Management	2
TRM 232	Industry Studies I	2
TRM 301	Eco and Cultural Tourism	2

**Required Ancillary**

CED 341	Introduction to Entrepreneurship I	2
FAA 382	African Arts I	3

**Electives: Choose one Course**

ACH 321	Ethnography of Africa	2	
TRM 345	Human Resources Management in Tourism	2	
GEO 215	Soils and Vegetation	2	
ANT 313	Anthropology of Peasant Societies	2	2
			<hr/> 22

**Second Semester****Major Courses**

ACH 204	Introduction to Ethno-Archaeology	2
TRM 202	Tourism Marketing and Shopping	2
TRM 308	Tourism and Information Technology	2
TRM 232	Industrial Studies II	2
TRM 344	Tourism Accommodation and Services	2
TRM 306	Environmental Impact Assessment	2
ACH 212	Human Evolution	2

**Required Ancillary Courses**

COS 304	Computer Applications	3
CED 342	Introduction to Entrepreneurship II	2

**Electives: Choose one Course**

FSS 201	Introduction to Statistical Methods for the Social Sciences	2	
TRM 352	Tourism and Environment	2	
ACH 334	Museum Outreach	2	
TRM 346	Tourism Planning and Development	2	2
			<hr/> 21

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

TRM 413	Quantitative Methods	2
TRM 431	Field Work III	3
TRM 443	Ethical and Legal Aspects in Tourism	2
TRM 463	Feasibility Studies	3
ACH 423	Archaeology of Igboland	2
ACH 413	Landscape Archaeology	2
ACH 421	Archaeology of Nigeria	2
ACH 435	Artifact Studies III	2
ACH 441	Cultural Resource Management	3
		<hr/> 21

**Second Semester****Major Courses**

ACH 402	Theory and Methods II	3
TRM 424	Case Studies in Nigerian Tourism	2
TRM 444	Financial Management in Tourism	2
TRM 464	Special Project	6
ACH 404	Interpretation of Data	2
ACH 422	Africa's Indigenous Knowledge & Tech.	2
TRM 442	Museum Administration	2
		<hr/> 19

**Four-Year Degree Programme****Archaeology/Sociology-Anthropology****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ACH 101	Fundamentals of Archaeology	3
TRM 103	Introduction to Tourism	3
SOC 101	Introduction to Sociology	2
ANT 102	Introduction to Anthropology	4
ACH 121	Foundations of Civilization	2
<b>Required Ancillary Courses</b>		
PHL 131	Introduction to Logic and Clear Thought	2
<b>General Studies</b>		
GSP 101	The Use of English I	2
GSP 105	Natural Science	2
GSP 111	The Use of Library and Study Skills	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
SOC 102	Introduction to Sociology II	2
ACH 104	Public Archaeology	2
ACH 106	Introduction to Museum Studies	3
ANT 121	Language in Society and Culture	2
TRM 142	Tourism Planning and Development	2
<b>Required Ancillary Courses</b>		
REL 101	Introduction to the Study of Religion	3
FAA 121	Basic Photography	2
ACH 102	Theory and Method I	3
<b>General Studies</b>		
GSP 102	The Use of English II	2
GSP 106	Natural Science or Social Science II	2
		<hr/> 23

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
TRM 201	Introduction to Ethnographic Research	2
ANT 201	History of Anthropology and Social Thought	4
ACH 231	Field work I	2
ACH 235	Artifact Studies I	3
ACH 213	Physico-Chemical Method in Archaeology	2
<b>Required Ancillary Courses</b>		
FSS 201	Introduction to Statistical Methods for the Social Sciences	2
<b>General Courses</b>		
GSP 201	Peace Studies and Conflict Resolution I	2
COS 101	Introduction to Computer	2
<b>Elective: Choose one Course</b>		
ACH 233	Documentation and Curating	2
TRM 241	Tourism Products and Services	2



		21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
TRM 202	Tourism Marketing and Shopping	2
TRM 232	Industry Studies I	2
ACH 212	Human Evolution	2
ANT 212	African Social Institutions	4
ACH 222	Earliest Human Settlement in Africa	2
SOC 251	Social Change and Social Problems	3
<b>Required Ancillary Course</b>		
FSS 202	Statistical Methods for Social Sciences II	2
<b>General Studies</b>		
GSP 202	Peace Studies and Conflict Resolution II	2
		19
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
TRM 301	Eco-Cultural Tourism	2
ACH 321	Ethnography of Africa	2
ACH 323	Foraging and Farming in Africa	2
ACH 331	Field work II	3
ANT 303	Nigerian Peoples and Cultures	3
<b>Required Ancillary Course</b>		
SOC 352	Ecology and Society	2
POL 331	Personnel Management	2
FAA 382	African Arts I	2
<b>General Studies</b>		
CED 341	Introduction to Entrepreneurship I	2
		20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ACH 204	Introduction to Ethno-archaeology	2
ACH 322	Trade, Urb. & State Formation in Africa	2
ACH 332	Artifact Studies II	2
SOC 221	Criminology and Penology	3
SOC 331	Methods of Social Research	4
TRM 308	Information Technology	2
TRM 334	Industry Studies II	2
<b>General Studies</b>		
COS 304	Computer Applications	3
CED 342	Introduction to Entrepreneurship II	2
		22
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ACH 413	Quantitative Methods	2
TRM 443	Ethical and Legal Aspects in Tourism	2
ACH 421	Archaeology of Nigeria	3
ANT 421	Race and Ethnic Relations	4
ACH 431	Field work III	3
ACH 441	Cultural Resource Management	2
ANT 423	Urban Sociology and Anthropology	4
		20
<b>Second Semester</b>		
CODE	TITLE	UNITS

**Major Courses**

ACH 402	Theory in Methods II	3
ACH 464	Special Project	6
TRM 424	Case Studies in Nigerian Tourism	2
ANT 411	Comparative African Social Institutions	4
SOC 451	Sociology of Development	4
ACH 422	Africa's Indigenous Knowledge and Technology	2
TRM 444	Financial Management in Tourism	2
		<hr/> 23

**Four-Year Combined Degree Programme****Archaeology/History****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ACH 101	Fundamentals of Archaeology	3
TRM 103	Introduction to Tourism	3
HIS 101	Introduction to History	2
ACH 121	Foundations of Civilization	2
HIS 121	Africa, 1500-1800 A.D.	2
HIS 103	Introduction to International Studies	2

**Required Ancillary Courses**

GSP 101	The Use of English I	2
GSP 111	The Use of Library and Study Skills	2

**+: Choose one Course**

PSY 101	Principles of Psychology (2 Units)	2	
PHL 101	Introduction to Philosophy (2 Units)	2	2
			<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ACH 102	Theory and Methods I	3
HIS 102	Introduction to Economic History	2
HIS 104	Evolution of Int. System Since 1815	2
ACH 106	Introduction to Museum Studies	3
HIS 132	EU from the French Revolution to the Second World War	2
TRM 142	Tourism Planning and Development I	2

**Required Ancillary Courses**

FAA 121	Basic Photography	
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**General Studies**

GSP 102	The Use of English II	2
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**Electives: Choose one Course**

REL 101	Introduction to the Study of Religion	3	
PHL 102	Introduction to Philosophy II	2	
GEO 106	The Socio-Economic Activities of Man	2	
ANT 121	Language in Society and Culture	2	2or3
			<hr/> 20/21

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ACH 201	Introduction to Ethnographic Research	2
HIS 213	Diplomatic History of Nigeria Since 1960	2
ACH 231	Field work I	3
HIS 223	East and Central Africa Since 1000AD	2
ACH 235	Artefact Studies I	2
HIS 251	S/East Asia since the Nineteenth Century	2

**General Studies**

COS 101	Introduction to Computers	3
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GSP 105	Natural Science I	2
GSP 201	Peace Studies and Conflict Resolution I	2
		20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ACH 212	Human Evolution	2
HIS 206	Political Thought	2
ACH 222	Earliest Human Settlements in Africa	3
HIS 222	Africa and EU Imperialism in the 19th/20th Cent.	2
TRM 202	Tourism Marketing and Shopping	2
TRM 232	Industry Studies I	2
HIS 226	African Women in History	2

**General Studies**

GSP 106	Natural Science II	2
GSP 202	Peace Studies and Conflict Resolution II	2

**Electives: Choose one Course**

HIS 224	Economic History of West Africa to the 20th Century	2
GEO 212	Geomorphologic Proc. and Forms	2
ANT 213	Economic Anthropology	2
		21

**Third Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 311	Nigeria, 1900 - 1960	3
ACH 323	Foraging and Farming in Africa	2
ACH 331	Field work II	3
ACH 351	Conservation of Objects, Sites and Monuments	2
HIS 343	USA since 1865	2
HIS 361	Historiography	3

**Required Ancillary Courses**

FAA 382	African Art I	2
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**General Studies**

CED 341	Introduction to Entrepreneurship I	2
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**Electives: Choose one Course**

ANT 303	Nigerian Peoples and Culture (2 Units)	2
ACH 333	Museums Outreach (2 Units)	2
POL 331	Personnel Management (2 Units)	2
		21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 302	Issues in International Relations I	2
HIS 322	Pro. & Prosp. of Regional Eco. Dev. in Afr.	2
HIS 332	Russia Since 1917	3
ACH 308	Information Technology	2
ACH 322	Trade, Urb. and State Formation in Africa	2
ACH 332	Artefact Studies II	2

**Required Ancillary Courses**

COS 304	Computer Applications	3
CED 341	Introduction to Entrepreneurship II	2

**Electives: Choose one Course**

TRM 306	Environmental Impact Assessment	2
ACH 304	Int. to Ethno-archaeology	2
TRM 348	Tourist Attraction and Resort Area	2
TRM 352	Tourism and Environment	2
		20

**Fourth Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 403	History of Science and Technology	3
HIS 411	Nigeria since 1960	2
HIS 413	Economic History of Nigeria since 1800	2
HIS 415	Igbo land to the Present	3
ACH 431	Field Work III	3
ACH 433	Artefact Studies III	2
TRM 443	Ethical and Legal Aspects in Tourism	2
TRM 413	Quantitative Methods	2
		19
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<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 402	Issues in international relations II	2
ACH 402	Theory and Methods II	3
HIS 422	African Since 1800	3
ACH 422	Africa's Indigenous Knowledge and Technology	2
ACH 404	Interpretation of Data	2
TRM 444	Financial Management in Tourism	2
ACH 462	Special Project	6
		20
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**Department of English and Literary Studies****Staff**

D.U. Opata, B.A., M.A. (Nigeria)	Professor
A. N. Akwanya, B.D. (Rome) B.A., M.A., Ph.D. (Ireland), FIIA, FNAL	Professor
Ikenna Dieke, B.A. (Nig.), MA & Ph.D. (Southern Illinois University)	Professor/Head, 2016-date
M. S. Onuigbo BA, M.A. (Ife) Ph.D. (Nigeria)	Professor
P.A. Ezema, B.A. (Ife), MA & Ph.D. (Nigeria)	Professor
F.O. Orabueze BA, MA, Ph.D. (Nigeria) LLB (Nigeria)	Professor
F. U. Okoro, B.A., M.A. (Nigeria)	Senior Lecturer
S.U.N Okoye-Ugwu, B.A., M.A., Ph.D. (Nigeria)	Senior Lecturer
I. R. Obiegbu BA, (Nigeria), M.A. Ph.D. (Anambra)	Senior Lecturer
C. F Ononye, B.A. (Zaria), M.A., Ph.D. (Ibadan)	Senior Lecturer
C. M. Onunkwo, B.A. (Benin), MA & Ph.D. (Nigeria)	Lecturer I
C. C. Ekwueme-Ugwu, B.A., M.A. (Lagos), Ph.D. (Nigeria)	Lecturer I
C.O. Nwankwo, B.A. (Calabar), M.A. (Nigeria)	Lecturer I
A. K. Amoke BA, M.A. (Nigeria)	Lecturer I
U.E. Anya, B.A. (Lagos), MA, Ph.D. (Ibadan)	Lecturer I
K.O. Ugwuanyi, B.A., M.A. (Nigeria)	Lecturer I
T.M.E. Chukwumezie, B.A., M.A. (Ibadan )	Lecturer I
C. A Chigbu, B.D. (Rome), B.A., M.A. (Nigeria)	Lecturer I
E.A Igwedibia, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
E. A. Asadu, B.A., M.A. (Nigeria)	Lecturer I
O.M. Melefa, B.A. (Calabar), M.A. (Ibadan), Ph.D. (Nigeria)	Lecturer I
G.N. Ozor, B.A. (Nigeria), M.A. (Nairobi)	Assistant Lecturer
C.B. Abonyi, B.A., M.A. (Nigeria)	Lecturer II
C.K. Ojukwu BA, MA, Ph.D. (Nigeria)	Lecturer II
C.J. Obasi, B.A., M.A. (Uyo), Ph.D. (Nigeria)	Lecturer II
A O. Ejebu, B.A., M.A. (Nigeria)	Lecturer II
M.N. Okolie, B.A., M.A. (Nigeria)	Lecture II
K.C. Ahaiwe, B.A. (Ado-Ekiti), MA (Imo)	Assistant Lecturer
M.O. Chukwu, B.A., M.A. (Nigeria)	Assistant Lecturer
D. Yerima, B.A. (Zaria), M.A. (Nigeria)	Assistant Lecturer
I.C. Uchenna-Okoye, B.A. (Anambra) M.A. (Ibadan)	Assistant Lecturer
O.E. Odoh, B.A. (Nigeria)	Graduate Assistant
N.G. Onuigbo, B. Engr, PGDTE (Nigeria)	Principal Technologist
E.N. Nwakaire, B.A. (Nigeria)	Higher Technical Officer II
J.C. Ikechukwu-Allison, B.A. (Abia)	Technical Instructor II

O.V. Ejiogu, B.A. (Nigeria)	Higher Technical Officer II
U. C. Ifeabunike, B.A. M.A. (Nigeria)	Technical Instructor I
U.P. Emenike, B.A. (Nigeria)	Higher Technical Officer II
O.J. Uzuegbu, B.A. (Anambra)	Higher Technical Officer II
G.N. Urama, GCE, 50 WPM (NABTEB) Dip (Nigeria)	Chief Typist
A.C. Obayi, WAEC, NABTEB	Chief Clerical Officer
E.N. Asogwah, LL.B (Nigeria), B.L	Principal Executive Officer II (Secretary)

### Brief History

The Department was one of the foundation departments of the University with Dramatic Arts as a sub-department. The Senate of the University of Nigeria approved a full departmental status for Dramatic Arts in 2004 and at the same time approved for it a change of name to the Department of Theatre Arts. The parent Department also had a change of name that same year to the Department of English and Literary Studies in order to bring out more clearly its scope of coverage. In the accreditation exercise of 2005 the Department came out with full accreditation status, and it has since 2010 been the proud possessor of a fully equipped modern language laboratory donated and furnished by a former student and former member of staff, Dr Mrs Virgy A. Anohu of FINHOMES Ltd.

The Department has exerted considerable influence in the development of other universities, especially in the Eastern zone as many of the foundation members of their departments of English are alumni of this Department. The Department continues to play an active part in the training and upgrading of manpower for these sister departments. The programmes developed in this Department have also been influential in the development of the programmes of many sister departments across the country.

### Philosophy

The relation between literary art, language, and thought has been investigated and discussed at least since Plato and Aristotle, who regard it as first and foremost a philosophical question. It continues to be explored and to give rise to exciting studies, becoming one of the key issues of debate in twentieth century literary scholarship. In this programme the approach to teaching and in-depth exploration of English language structure and the nature, functioning, and manifestations of the literary is hinged on the idea that this knowledge is irreplaceable for language and literary workers. Thus exposed to the working of language and literature the student grows in clarity of thought and perception, and develops the faculty of critical judgement and the mind's creative capabilities. This is one of the reasons why the graduates of English language and literary studies find employment in a vast range of activities in the service industry as well as in the management and productive sectors of the economy.

### Objectives

The main objectives of the programmes in the department are as follows:

- To produce graduates who have a well-informed literary sensibility which enables them to respond in a creative manner to their environment.
- To produce graduates who have such linguistic competence that will make them skilful users of the English Language.
- To produce graduates who can exploit the rich resources of language for a sharper literary appreciation.
- To equip the graduates with adequate knowledge of the full range of the major land-marks in English and African literatures in all genres and periods.

### Scope

The various programmes available to students in the Department of English and Literary Studies are designed to give them a rich and rounded humanistic education as well as practical competence in the language of science, business, and international relations in the modern world and to expose them to literary art in all its forms as it has evolved over time and as encountered in different places and cultures as well as the theoretical discourse that accompanies and assists in its development.

The Department of English offers a four-year B.A. Standard Degree Programme by Unified Tertiary Matriculation Examination (UTME), a four-year B.A. Combined Honours Standard Degree Programme by entrance examination, and a three-year B.A. Standard Degree Programme by direct entry.

The courses in the programme are grouped into four main stress areas as follows:

- English Language
- English Literature

3. Modern African Literature
4. Traditional African Verbal Arts

### Entry Requirements

Candidates for admission must satisfy the University minimum entry requirement. In addition:

- (i) Candidates admitted by UTME must have passed English language and English Literature at least at credit level in the Senior Secondary School Certificate (SSSC) examination or its equivalent.
- (ii) Direct entry candidates must have passed with a grade of at least D in English Literature in G.C.E. A/L or at an equivalent standard at the Higher School Certificate or at an equivalent examination like N.C.E.

### Job Opportunities

Graduates of English and Literary Studies have job opportunities in a variety of administrative positions in the private and public sectors as well as in teaching, editing and publishing, broadcasting and the mass media. They are also equipped to make careers as writers and literary agents.

### Stress Areas

Foundational Courses	0
Survey	1
Language	2
Oral Poetry	3
Drama	4
Poetry	5
Fiction	6
Theory & Criticism	7
Methodology	8
Project	9

### Standard Four-Year Degree Programme

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
ELS 101	Basic Literary Concepts	2
ELS 103	Introduction to African Literature	
ELS 121	<b>Basic Grammar and Composition</b>	3
ELS 123	Introduction to Phonetics	2
ELS 131	Introduction to Oral Literature	2
<b>Required Ancillary Course</b>		
LIN 141	Introduction to General Linguistics I	3
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 201	Basic Concepts and Theories of Peace and Conflict Resolution	2
<b>Electives – choose one language</b>		
FRE 101	Elementary French I	2
GER 101	Elementary German I	2
IGB 101	Elementary Igbo I	2
POR 111	Portuguese Grammar I	3
RUS 101	Elementary Russian I	2
SPA 111	Spanish Grammar I	3
SWA 111	Swahili Grammar I	3
		2 or 3
		<hr/> 18/19

#### Second Semester

##### Major Courses

ELS 102	Introduction to Nigerian Literature	2
ELS 140	Introduction to Drama	3
ELS 150	Introduction to Poetry	3
ELS 160	Introduction to Fiction	3

##### Required Ancillary Course

LIN 140	Introduction to General Linguistics II	3
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##### General Studies Courses

GSP 102	The Use of English II	2
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		<i>Programmes</i>	203
GSP 202	Issues in Peace and Conflict Resolution		2
<b><i>Electives: choose one language</i></b>			
FRE 102	Elementary French II	2	
GER 102	Elementary German II	2	
IGB 102	Elementary Igbo II	2	
POR 112	Portuguese Grammar II	3	
RUS 102	Elementary Russian II	2	
SPA 112	Spanish Grammar II	3	
SWA 112	Swahili Grammar II	3	2 or 3
			<hr/> 20/21
<b>Second Year</b>			
<b><i>First Semester</i></b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
ELS 211	American Literature: The Beginnings to the Romantic Movement		2
ELS 213	English Literature: The Renaissance Period		3
ELS 221	Spoken English/Lab work		3
<b><i>Required Ancillary Courses</i></b>			
COS 101	Introduction to Computer Science		2
CED 341	Introduction to Entrepreneurship		2
<b><i>General Studies</i></b>			
GSP 105	Natural Science		2
<b><i>Electives: Choose one language:</i></b>			
FRE 201	Intermediate French I	2	
GER 201	Intermediate German I	2	
IGB 201	Intermediate Igbo I	2	
POR 211	Portuguese Grammatical Structures I	3	
RUS 201	Intermediate Russian I	2	
SPA 211	Spanish Grammatical Structures I	3	
SWA 211	Swahili Grammatical Structures I	3	2 or 3
			<hr/> 18/19
<b><i>Second Semester</i></b>			
<b>Major Courses</b>			
ELS 212	American Literature: The Modern Period		2
ELS 214	English Literature: Neo-Classical Period		3
ELS 222	Intermediate English Grammar and Composition		3
ELS 240	Comedy: Moliere to Soyinka		2
<b><i>Required Ancillary Courses</i></b>			
COS 304	Computer Applications		2
CED 342	Business Development and Management		2
<b><i>General Studies Courses</i></b>			
GSP	106 Natural Science II		2
<b><i>Elective: Choose one language</i></b>			
FRE 202	Intermediate French II	2	
GER 202	Intermediate German II	2	
IGB 202	Intermediate Igbo II	2	
POR 212	Portuguese Grammatical Structures II	3	
RUS 202	Intermediate Russian II	2	
SPA 212	Spanish Grammatical Structures II	3	
SWA 212	Swahili Grammatical Structures II	3	2 or 3
			<hr/> 18/19
<b>Third Year</b>			
<b><i>First Semester</i></b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
ELS 311	English Literature: Romantic Movement		3
ELS 321	Advanced Prose Composition		3
ELS 351	African Poetry		3
ELS 361	African Fiction		3

ELS 381	Research Methods		2
<b>English Language Stress Area</b>			
ELS 325	Semantics	3	
<b>Traditional African Verbal Arts Stress Area</b>			
ELS 331	African Traditional Verbal Genres	3	3
<b>Other Stress Areas</b>			
ELS 313	Greek & Roman Literatures	3	
			<hr/> 17
<b>Second Semester</b>			
Major Courses			
ELS 312	English Literature: Victorian Period		3
ELS 314	English Literature: Modern Period		3
ELS 340	African Drama		3
ELS 370	History of Criticism		2
<b>English Language Stress Area</b>			
ELS 322	History of English	3	
ELS 324	Phonology	3	
<b>Traditional African Verbal Arts Stress Area</b>			
ELS 332	The Criticism of Oral Literature	3	
ELS 334	Oral Narratives	3	
<b>English Literature Stress Area</b>			
ELS 316	Old and Middle English Literature	3	
ELS 372	Theory and Practice of Narrative	3	6
<b>Modern African Literature Stress Area</b>			
ELS 310	Contemporary African Authors	3	
ELS 372	Theory and Practice of Narrative	3	
			<hr/> 17
<b>Fourth Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
Major Courses			
ELS 411	African-American Literature		3
ELS 413	European Continental Literature		3
ELS 425	Stylistics		3
ELS 461	Studies in Fiction		3
<b>English Language Stress Area</b>			
ELS 421	Morphology and Syntax	3	
ELS 423	Comparative Grammar	3	
<b>English Literature Stress Area</b>			
ELS 471	Modern Literary Theory	3	
ELS 473	Modern Discourse Analysis	3	
<b>Modern African Literature Stress Area</b>			
ELS 415	World Black Literature	3	
ELS 471	Modern Literary Theory	3	6
<b>Traditional African Verbal Arts Stress Area</b>			
ELS 431	Oral Literature & Modern Literature in Africa	3	
ELS 471	Modern Literary Theory	3	
			<hr/> 18
<b>Second Semester</b>			
Major Courses			
ELS 440	Shakespeare		3
ELS 442	Studies in Drama		3
ELS 452	Studies in Poetry		3
ELS 490	Project		6
<b>Elective: Choose Three units</b>			
ELS 418	Caribbean Literature	3	
ELS 444	European Drama since Ibsen	3	3
ELS 422	Problems of English in West Africa	3	
ELS 480	Literary Review Writing	3	



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**Standard Three Year Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ELS 211	American Literature: The Beginnings to the Romantic Movement	2
ELS 213	English Literature: The Renaissance Period	3
ELS 221	Spoken English/Lab Work	3
ELS 121	Basic Grammar and Composition	3

**Required Ancillary Course**

COS 101	Introduction to Computer Science	2
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**General Studies Courses**

GSP 101	The Use of English I	2
GSP 201	Basic Concepts and Theories of Peace and Conflict Resolution	2
GSP 105	Natural Science I	2

**Electives: Choose Four units**

PHL 101	Introduction to Philosophy	2
MUS 141	African Music: Music & Society	2
ANT 111	Introduction to Anthropology	2

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**Second Semester****Major Courses**

ELS 212	American Literature: The Modern Period	2
ELS 214	English Literature: Neo-Classical Period	3
ELS 222	Intermediate English Grammar and Composition	3
ELS 240	Comedy: Moliere to Soyinka	3

**General Studies Courses**

GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
GSP 106	Natural Science II	2

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**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ELS 311	English Literature: Romantic Movement	3
ELS 321	Advanced Prose Composition	3
ELS 351	African Poetry	3
ELS 361	African Fiction	3

**General Studies Course**

CED 341	Introduction to Entrepreneurship	2
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**English Language Stress Area**

ELS 325	Semantics	3
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**Other Stress Areas**

ELS 313	Greek & Roman Literatures	3
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20

**Second Semester****Major Courses**

ELS 312	English Literature: Victorian Period	3
ELS 314	English Literature: Modern Period	3
ELS 340	African Drama	3
ELS 370	History of Criticism	2

**Required Ancillary Courses**

CED 342	Business Development and Management	2
COS 304	Computer Applications	2

**English Language Stress Area**

ELS 322	History of English	3
ELS 324	Phonology	3

**Traditional African Verbal Arts Stress Area**

ELS 332	The Criticism of Oral Literature	3	
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ELS 334	Oral Narratives	3	
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**English Literature Stress Area**

ELS 316	Old and Middle English Literature	3	
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ELS 372	Theory and Practice of Narrative	3	
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**Modern African Literature Stress Area**

ELS 310	Contemporary African Authors	3	
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ELS 372	Theory and Practice of Narrative	3	6
			<hr/> 21

**Third Year****First Semester**

CODE	TITLE		UNITS
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**Major Courses**

ELS 381	Research Methods		3
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ELS 411	African-American Literature		3
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ELS 413	European Continental Literature		3
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ELS 425	Stylistics		3
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ELS 461	Studies in Fiction		3
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**English Language Stress Area**

ELS 421	Morphology and Syntax		3
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ELS 423	Comparative Grammar		3
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**English Literature Stress Area**

ELS 471	Modern Literary Theory	3	
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ELS 473	Modern Discourse Analysis	3	
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**Modern African Literature Stress Area**

ELS 415	World Black Literature	3	
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ELS 471	Modern Literary Theory	3	
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**Traditional African Verbal Arts Stress Area**

ELS 434	Oral Literature & Modern Literature in Africa	3	
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ELS 471	Modern Literary Theory	3	6
			<hr/> 20

**Second Semester****Major Courses**

ELS 440	Shakespeare		3
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ELS 442	Studies in Drama		3
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ELS 452	Studies in Poetry		3
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ELS 490	Project		6
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**Elective: Choose Three units**

ELS 418	Caribbean Literature	3	
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ELS 444	European Drama since Ibsen	3	3
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ELS 422	Problems of English in West Africa	3	
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ELS 480	Literary Review Writing	3	
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18
**Four-Year Combined Programme****English and Literary Studies/French****First Year****First Semester**

CODE	TITLE		UNITS
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**Major Courses**

ELS 101	Basic Literary Concepts		2
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ELS 121	Basic Grammar and Composition		3
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ELS 123	Introduction to Phonetics		2
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FRE 111	French Grammar I		3
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FRE 121	Introduction to Composition in French I		2
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**Required Ancillary Courses**

LIN 141	Introduction to General Linguistics I		2
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COS 101	Introduction to Computer Sciences		2
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**General Studies Courses**

GSP 101	The Use of English I		2
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GSP 201	Basic Concepts and Theories of Peace and Conflict Resolution	2
		20

**Second Semester**

**Major Courses**

ELS 102	Introduction to Nigerian Literature	2
ELS 150	Introduction to Poetry	3
ELS 160	Introduction to Fiction	3
FRE 112	French Grammar II	3
FRE 122	Introduction to Composition in French II	2

**Required Ancillary Courses**

COS 304	Computer Applications	2
LIN 140	Introduction to General Linguistics II	2

**General Studies Courses**

GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
		21

**Second Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ELS 211	American Literature: The beginnings to Romantic Movement	3
ELS 213	English Literature: The Renaissance Period	3
ELS 221	Spoken English/Lab Work	3
FRE 211	French Grammatical Structures	3
FRE 231	French Literature in Perspective I	3

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
CED 341	Introduction to Entrepreneurship	2

**General Studies Course**

GSP 105	Natural Sciences I	2
		21

**Second Semester**

**Major Courses**

ELS 212	American Literature the Modern Period	3
ELS 214	English Literature Neo-Classical Period	3
ELS 222	Intermediate English/Grammar and Composition	3
FRE 212	French Grammatical Structures	3
FRE 234	French literatures in Perspective II	3

**General Studies Course**

GSP 106	Natural Sciences II	2
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**Required Ancillary Courses**

COS 304	Computer Applications	2
CED 342	Business Development and Management	2
		21

**Third Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ELS 321	Advanced Prose Composition	3
ELS 351	African Poetry	3
ELS 361	African Fiction	3
ELS 381	Research Methods	2
FRE 311	Advanced studies in French Grammar I	3
FRE 331	African literature in French	2
FRE 333	Introduction to French Prose	2
FRE 341	Introduction to Translation I	2

**Electives (Choose Two units)**

FRE 351	Culture and Civilization of France	2
FRE 361	Advanced Studies in French Phonetics	2

FRE 363	Communicative Skills I	2	2
			<hr/> 22

**Second Semester****Major Courses**

ELS 312	English Literature: Victorian Period	3
ELS 314	English Literature: Modern Period	3
ELS 340	African Drama	3
FRE 312	Advanced Studies in French Grammar II	3
FRE 322	Essay Writing in French	2
FRE 342	Introduction to Translation II	2
FRE 334	French Literature of the 18th Century	2
		<hr/> 18

**Fourth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ELS 411	American & Afro-American Literature	2
ELS 413	European Continental Literature	3
ELS 461	Studies in Fiction	3
FRE 336	Literature and Philosophy	2
FRE 421	Essay Writing in French	2
FRE 437	Literary Criticism in French	2
FRE 441	Advanced Translation I	2
FRE 451	Francophone, Maghreb, Europe and America	2
		<hr/> 18

**Second Semester****Major Courses**

ELS 440	Shakespeare	3
FRE 364	Communicative Skills II	2
FRE 442	Advanced Translation II	2
FRE 434	Contemporary French Literature	3
FRE 452	Francophone Black Africa	2
ELS 490	Project	6
		<hr/> 18

**Four-Year Combined Honours****English and Literary Studies/German****First Year****First Semester**

CODE	TITLE	UNITS
ELS 101	Basic Literary Concepts	2
ELS 121	Basic Grammar and Composition	3
ELS 123	Introduction to Phonetics	2
GER 111	German Grammar I	3
GER 121	Introduction to Composition in German I	2
GER 161	Oral German I	3

**Required Ancillary Courses**

LIN 141	Introduction to General Linguistics I	2
COS 101	Introduction to Computer Sciences	2

**General Studies Course**

GSP 101	The Use of English I	2
		<hr/> 21

**Second Semester****Major Courses**

ELS 102	Introduction to Nigerian Literature	2
ELS 150	Introduction to Poetry	3
ELS 160	Introduction to Fiction	3
GER 112	German Grammar II	3
GER 122	Introduction to Composition in German II	2
GER 164	Oral German II	3

**Required Ancillary Course**

LIN 140 Introduction to General Linguistics II 2

**General Studies Courses**

GSP 102 The Use of English II 2

GSP 202 Issues in Peace and Conflict Resolution 2

22

**Second Year**

**First Semester**

CODE TITLE UNITS

**Major Courses**

ELS 213 English Literature: The Renaissance Period 3

ELS 221 Spoken English/Lab Work 3

GER 211 German Grammatical Structures I 3

GER 221 Comprehension and Stylistics I 3

GER 261 Oral Expression and Comprehension in German 3

**Required Ancillary Courses**

COS 101 Introduction to Computer Science 2

CED 341 Introduction to Entrepreneurship 2

**General Studies Course**

GSP 105 Natural Sciences I 2

21

**Second Semester**

**Major Courses**

ELS 214 English literature Neo-Classical Period 3

ELS 222 Intermediate English Grammar and Composition 3

ELS 240 Comedy: Moliere to Soyinka 2

GER 212 German Grammatical Structures II 3

GER 212 Comprehension and Stylistics II 3

GER 252 Contemporary German Society 2

**General Studies Course**

GSP 106 Natural Sciences II 2

**Required Ancillary Course**

COS 304 Computer Applications 2

20

**Third Year**

**First Semester**

CODE TITLE UNITS

**Major Courses**

ELS 321 Advanced Prose Composition 3

ELS 351 African Poetry 3

ELS 361 African Fiction 3

ELS 381 Research Methods 2

GER 311 Advanced Studies in German Grammar I 3

GER 341 Introduction to Translation I 2

GER 351 Culture and Civilization of German Speaking Countries 3

**General Studies Course**

GSP 201 Basic Concepts and Theories of Peace and Conflict Resolution 2

21

**Second Semester**

**Major Courses**

ELS 312 English Literature: Victorian Period 3

ELS 314 English Literature: Modern Period 3

ELS 340 African Drama 3

GER 312 Advanced Studies in German Grammar II 3

GER 322 Essay Writing in German 2

GER 342 Introduction to Translation II 2

**Required Ancillary Course**

CED 342 Business Development and Management 2

18

**Fourth Year*****First Semester***

CODE	TITLE	UNITS
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***Major Courses***

ELS 411	American & Afro-American Literature	2
ELS 413	European Continental Literature	3
ELS 461	Studies in Fiction	3
GER 411	Applied Linguistics I	2
GER 421	Advanced Essay Writing in German	2
GER 431	19th Century German Literature	2
GER 433	German Literature on Africa	2
GER 441	Advanced Translation I	2
		18

***Second Semester******Major Courses***

ELS 440	Shakespeare	3
GER 412	Applied Linguistics II	2
GER 434	Contemporary German Literature	3
GER 442	Advanced Translation II	2
GER 462	Advanced Oral German	2
ELS 490	Project	6
		18

**Four-Year Combined Honours****English and Literary Studies/History****First Year*****First Semester***

CODE	TITLE	UNITS
ELS 101	Basic Literary Concepts	2
ELS 121	Basic Grammar and Composition	3
ELS 123	Introduction to Phonetics	2
HIS 101	Introduction to History	2
HIS 103	Introduction to International Studies	2
HIS 111	Nigeria up to 1900	3

***Required Ancillary Courses***

LIN 141	Introduction to General Linguistics I	2
COS 101	Introduction to Computer Sciences	2

***General Studies Course***

GSP 101	The Use of English I	2
		20

***Second Semester******Major Courses***

ELS 102	Introduction to Nigerian Literature	2
ELS 150	Introduction to Poetry	3
ELS 160	Introduction to Fiction	3
HIS 102	Introduction to Economic History	2
HIS 104	Evolution of International System since 1815	2
HIS 122	History of West Africa Since 1500	2
HIS 144	Blacks in Diaspora	2

***Required Ancillary Course***

LIN 140	Introduction to General Linguistics II	2
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***General Studies Courses***

GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
		22

**Second Year*****First Semester***

CODE	TITLE	UNITS
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***Major Courses***

ELS 211	American Literature: The Beginnings to Romantic Movement	3
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		<i>Programmes</i>	211
ELS 213	English Literature: The Renaissance Period		3
ELS 221	Spoken English/Lab Work		3
HIS 213	Diplomatic History of Nigeria Since 1960		2
HIS 221	Southern Africa since 1400		2
HIS 223	East and Central Africa Since 1000 AD		2
<b>Required Ancillary Courses</b>			
COS 101	Introduction to Computer Science		2
CED 341	Introduction to Entrepreneurship		2
<b>General Studies Course</b>			
GSP 105	Natural Sciences I		2
			<hr/> 21
<b>Second Semester</b>			
<b>Major Courses</b>			
ELS 212	American literature the modern period		3
ELS 214	English literature Neo-Classical period		3
ELS 222	Intermediate English Grammar and Composition		3
HIS 222	Africa and European Imperialism in the 19th & 20th Centuries		2
HIS 224	Economic History of West Africa to the 20th Century		2
HIS 226	African Women in History		2
<b>General Studies Course</b>			
GSP 106	Natural Sciences II		2
<b>Required Ancillary Courses</b>			
COS 304	Computer Applications		2
CED 342	Business Development and Management		2
			<hr/> 21
<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
ELS 321	Advanced Prose Composition		3
ELS 351	African Poetry		3
ELS 361	African Fiction		3
ELS 381	Research Methods		2
HIS 301	Comparative Industrial Growths in the USA, Russia, Japan, China and Britain		3
HIS 311	Nigeria 1900 to 1960		3
HIS 321	Africa and the Wider World in the 20th Century		2
<b>General Studies Course</b>			
GSP 201	Basic Concepts and Theories of Peace and Conflict Resolution		3
			<hr/> 22
<b>Second Semester</b>			
<b>Major Courses</b>			
ELS 312	English Literature: Victorian Period		3
ELS 314	English Literature: Modern Period		3
ELS 340	African Drama		3
ELS 370	History of Criticism		2
HIS 302	Issues in International Relations I		2
HIS 322	Problems and Prospects of Regional Economic Development in Africa		3
HIS 332	Russia since 1917		3
			<hr/> 19
<b>Fourth Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
ELS 411	American & Afro-American Literature		2
ELS 413	European Continental Literature		3
ELS 461	Studies in Fiction		3
HIS 401	Development of Parliamentary/ Presidential Systems (Britain, France, India, and USA)		3

HIS 403	History of Science and Technology	3
HIS 411	Nigeria since 1960	2
HIS 415	Igbo land to the Present	3
		<hr/> 19

**Second Semester****Major Courses**

ELS 440	Shakespeare	3
HIS 402	Issues in International Relations II	2
HIS 406	Conflict, War and Peace since 1900	2
HIS 408	International/Continental Organizations	3
HIS 422	Africa since 1800	3
ELS 490	Project	6
		<hr/> 19

**Four Year Programme****English and Literary Studies/****Theatre and Film Studies****First Year****First Semester**

CODE	TITLE	UNITS
ELS 101	Basic Literary Concepts	2
ELS 121	Basic Grammar and Composition	3
ELS 123	Introduction to Phonetics	2
TFS 101	Traditional African Festival Theatre	3
TFS 103	Introduction to Drama and Theatre	3

**Required Ancillary Courses**

LIN 141	Introduction to General Linguistics I	2
COS 101	Introduction to Computer Sciences	2

**General Studies Course**

GSP 101	The Use of English I	2
		<hr/> 19

**Second Semester****Major Courses**

ELS 102	Introduction to Nigerian Literature	2
ELS 150	Introduction to Poetry	3
ELS 160	Introduction to Fiction	3
TFS 102	Practical Participation Orientation	3
TFS 132	Basic Acting Skills	3
TFS 104	History of Drama and Theatre: Beginnings to Medieval Period	2

**Required Ancillary Course**

LIN 140	Introduction to General Linguistics II	2
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**General Studies Courses**

GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
		<hr/> 22

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ELS 211	American Literature: The Beginnings to Romantic Movement	3
ELS 213	English Literature: The Renaissance Period	3
ELS 221	Spoken English/Lab Work	3
TFS 201	African Drama and Theatre: The Colonial Era	2
TFS 231	Intermediate Acting	2
TFS 233	Dance Drama	2

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
CED 341	Introduction to Entrepreneurship	2

**General Studies Course**

GSP 105	Natural Sciences I	2
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		21
<b>Second Semester</b>		
<b>Major Courses</b>		
ELS 212	American Literature the Modern Period	3
ELS 214	English Literature Neo-Classical Period	3
ELS 222	Intermediate English/Grammar and Composition	3
TFS 232	Basic Non Verbal Communication	2
TFS 234	Basic Choreography and Kinaesthetics	2
TFS 252	Fundamentals of Playwriting	2
<b>General Studies Course</b>		
GSP 106	Natural Sciences II	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
		21
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ELS 321	Advanced Prose Composition	3
ELS 351	African Poetry	3
ELS 361	African Fiction	3
ELS 381	Research Methods	2
TFS 341	Introduction to Directing	3
TFS 343	Theatre Administration	2
TFS 371	Scripting for the Media Theatre	2
<b>General Studies Course</b>		
GSP 201	Basic Concepts and Theories of Peace and Conflict Resolution	2
		20
<b>Second Semester</b>		
<b>Major Courses</b>		
ELS 312	English Literature: Victorian Period	3
ELS 314	English Literature: Modern Period	3
ELS 340	African Drama	3
ELS 370	History of Criticism	2
TFS 322	Advanced Scene Design	2
TFS 330	Dance Theories and Practice	2
TFS 332	Advanced Acting	2
TFS 344	Stage Management	1
		18
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ELS 411	American & Afro-American Literature	3
ELS 413	European Continental Literature	3
ELS 461	Studies in Fiction	3
TFS 413	Theories of Dramatic Criticism	3
TFS 451	Major Nigerian Playwrights	3
TFS 455	Advanced Playwriting	3
		18
<b>Second Semester</b>		
<b>Major Courses</b>		
ELS 440	Shakespeare	3
ELS 442	Studies in Drama	3
TFS 404	Oriental Theatre Studies	2
TFS 440	Advanced Play Production	4
ELS 490	Project	6
		18

**Department of Fine and Applied Arts****Staff**

E.K. Anatsui B.A., PGD (Kumasi)	Emeritus Professor
O. Ololdi, B.F.A., M.A. (Howard), Ph.D. (Nigeria), MAHAN, MAICA	Emeritus Professor
O. K. Oyeoku, B.A., PGDE (Jos), M.A., (Zaria) Ph.D. (Nigeria)	Professor
O.C. Onuzulike, B.A., MFA, Ph.D. (Nigeria)	Professor
C.K. Ikwuemesi, B.A., MFA, Ph.D. (Nigeria)	Reader//Head
U.G Ogbu, BSc., MA (Zaria) Ph.D. (Nigeria)	Senior Lecturer
O. C. Noel, B.A., MFA, Ph.D. (Nigeria)	Senior Lecturer
A. O. Ngozi, B.A., MA (Nigeria), Ph.D. (Nigeria)	Senior Lecturer
O. E. Chukwuemeka, B.A., MFA, Ph.D. (Nigeria)	Senior Lecturer
O. V. Chukwuemeka, B.A., MFA, Ph.D. (Nigeria)	Senior Lecturer
I. T. Ikechukwu, B.A., MFA (Nigeria)	Senior Lecturer
O. G. Chukwuka, B.A., MFA, Ph.D. (Nigeria)	Senior Lecturer
A. S. Odoja, B.A., MFA, Ph.D. (Nigeria)	Lecturer I
O. M. Nnamdi, B.A., MFA, Ph.D. (Nigeria)	Lecturer I
O. U. Charles, B.A., MFA (Nigeria)	Lecturer I
E. K. Chinedu, B.A., MFA, Ph.D. (Nigeria)	Lecturer I
A. N. Diogu, B.A., MFA (Nigeria)	Lecturer I
O. T. Felicia, B.A., MFA, Ph.D. (Nigeria)	Lecturer I
I. O. Adaobi, B.A., MFA (Nigeria)	Lecturer I
N. Chukwuemeka, PGDE, B.A., MFA, Ph.D. (Nigeria)	Lecturer I
A. E. B.A., MFA, Ph.D. (Nigeria)	Lecturer I
E. N. Appolonia, B.A., MFA (Nigeria)	Lecturer I
E. N. Chibuike, B.A., MFA (Nigeria)	Lecturer I
U. R. D Edumchieke, NCE, B.A., MILD, MFA, Ph.D. (Nigeria)	Lecturer II
A. George, B.A., PGD, MFA, Ph.D. (South Africa)	Lecturer II
N. Livinus, NCE, B.A., MFA (Nigeria)	Lecturer II
A. Chibuzor, B.A., B.A., MSc., MFA (Nigeria)	Lecturer II
M. Trevor, B.A., BSc. (UK), MFA (Nigeria)	Lecturer II
A. C Chris, B.A., MFA, Ph.D. (Nigeria)	Lecturer II
O. S. Nneka, B.A., MFA, Ph.D. (Nigeria)	Lecturer II
O. N May, B.A., M.A., (Nigeria)	Lecturer II
A. N. Fortynnes, B.A., M.A., Ph.D. (Nigeria)	Lecturer II
R.E. Ubah, B.A, MFA (Nigeria), MILD (Lagos), Ph.D. (Nigeria)	Assistant Lecturer
P. B. Nwadiogwa, B.A., PGD, MFA (Nigeria)	Assistant Lecturer
U. S. Ibekwe, HND, B.A., MFA (Nigeria)	Assistant Lecturer
E. C Foster, B.A., MFA (Nigeria)	Assistant Lecturer
S. I Rita, B.A., MFA (Nigeria)	Assistant Lecturer
N. Amuche, B.A., MFA, Ph.D. (Nigeria)	Assistant Lecturer
U. Chukwunonso O. PGDE, B.A., MA (Nigeria)	Graduate Assistant
C. M. Uchenna M. BA (Nigeria)	Graduate Assistant
U. C. Patricia, B.A., MFA (Nigeria)	Graduate Assistant
U. K. Nwachukwu, BA (Nigeria)	Graduate Assistant
E. Onyinye, BA (Nigeria)	Graduate Assistant
I. V. Joseph, B.A., MFA (Nigeria)	Graduate Assistant
C. Anorue, HND, BA (Nigeria)	Chief Technical Officer
C. Onuora, B.A., MA (Nigeria)	Chief Technical Officer
G. C. Asogwa, B.A., MFA (Nigeria)	Principal Technologist
E. Chukwudi, B.A., MFA (Nigeria)	Principal Technologist
R. S. Uzuanje, HND, (Nigeria) BSc, MSc. (Cameroon)	Principal Confidential Secretary II

**Brief History**

The Department was founded in 1961 with nearly all the art teachers being British or American. They instituted the Western academic approach of naturalism, which promoted pictorial observational realism. This brand of Western academic pedagogy was effectively terminated when the expatriate art teachers left because of the Nigerian Civil War (1967-1970). After the civil war, students and faculty members reassembled and resolved that the art programme of the Department had to be reconstructed to meet the demand of the new Nigerian society. From this period, a new culture of exploration and experimentation of the local environment in art teaching and learning dominated art activities of the school. Staff and

students searched deeply into the nature and purpose of art and design in their communities as well as applying the proceeds of these intellectual and artistic endeavours into social and technological development. The content of the art programme made room for the incorporation of indigenous ideas, motifs, designs and styles into art learning and production. With this goal in mind, the Department developed and popularized Igbo patterns for body and wall painting known as *Uli*. *Uli* Art paved way for the emergence of a completely new visual vocabulary in the Department. Thus, the art programme moved away from Western style of naturalism to more abstract expressions and other stylistic changes that responded appropriately to the art experience in Nigeria.

Reaction against external academic art was challenged in favour of Nigerian forms. This created both contemporary and modern art, while accommodating new ideas. The effects of the new ideology were immense. Great efforts and enthusiasm were expended to permeate this new concept into various sections of the Department, namely Sculpture, Painting, Ceramics, Textile and Visual Communication Designs.

The Department runs three types of programmes for the award of Bachelor's degree in Fine and Applied Arts: Four-year, Three-year and Two-year standard programmes.

- 1<sup>st</sup> year of the three-year programme starts at 2<sup>nd</sup> year level. Thereafter, students follow the regular Four-Year programme at the 3<sup>rd</sup> year level.
- Two-year standard programme follows the regular four-year programme at the 3<sup>rd</sup> year level.

### Philosophy

The course of study in this Department has been devised to enable our youths re-discover themselves and dedicate their lives anew to the building of a strong nation. The discipline develops and exposes the students to multi-disciplinary dimensions of traditional and modern arts in order to produce the needed high level manpower in the country. The programme prepares students for self-employment and to occupy high level academic positions in the various levels of educational institutions, research institutes and the cultural sectors of the nation's economy.

### Objectives

The broad objectives of the programme are to:

- Produce well-trained and highly motivated students who are equipped to embark on a successful career in Fine and Applied Arts.
- Promote excellence in studio practices in Ceramics, Visual Communication Design, Textile Design, Fashion Design, Painting and Sculpture. The Art History and Art Education programmes are well-balanced to provide the students with broad and balanced theoretical background so that they can function effectively in disseminating information as well as promoting Nigerian artistic and cultural heritage.

### Scope

The programme leads to the award of Bachelor's degree in Fine and Applied Arts in the following specialising areas: Art Education, Art History, Ceramics, Fashion Design, Graphics, Painting, Sculpture, and Textile Design. For the standard four and three-year undergraduate programmes, the students are first introduced to the multi-disciplinary perspective of Fine and Applied Arts and, thereafter, exposed to the areas of specialization. Participation of students in the Industrial Work Experience Scheme (SIWES) is compulsory.

### Entry Requirements

In addition to the University entry requirements, applicants for admission through the UME must have credit passes in at least five subjects in the Senior Secondary School Certificate (SSCE) or its equivalent. The subjects should include English language and Fine/Applied Arts. Candidates who possess NABTEB/NTC must have five credit passes which must include English language, technical drawing, painting and decorating. For admission by direct entry, candidates must have one of the following:

- (i) Credit level passes in OND (Ordinary National Diploma) in Fine and Applied Arts in addition to UME requirements.
- (ii) GCE Advanced level passes in three subjects which must include Fine Arts or Technical Drawing.
- (iii) NCE Certificate with an average of B grade.
- (iv) HND holders in Fine and Applied Arts or its equivalent in relevant areas that graduated with an average of B grade may be admitted to the 300 level courses.

**Job Opportunities**

The programme is designed to produce highly skilled artists designers to serve in various capacities in the production of art that is reflective of the socio-cultural condition in Nigeria and developments in the global arena. Graduates of the Department are equipped for careers in cultural Institutions, industries and mass media, in the medical and the teaching service as well as for self-employment.

**Stress Areas**

Drawing, Basic Design and Research Techniques	0
Art Education	1
Visual Communication Design	2
Painting	3
Sculpture	4
Fashion Design	5
Textile Design	6
Ceramics	7
History of Art	8
Project and Industrial Work Experience (SIWES)	9

**Four-Year Degree Programme****First Year****First Semester****Major Courses**

CODE	TITLE	UNITS
FAA 101	Basic Drawing I	3
FAA 103	Two-Dimensional Design I	3
FAA 105	Three-Dimensional Design I	3
FAA 181	Art Appreciation	2
FAA 183	History of Nigerian Art	2

**Required Ancillary Course**

PIL101	Introduction to Philosophy	2
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**Electives: Choose one Course**

FRE 101	Elementary French I	2
GER 101	Elementary German I	2
RUS 101	Elementary Russian I	2

**General Studies Course**

GSP	The Use of English I	2
		19

**Second Semester****Major Courses**

CODE	TITLE	UNITS
FAA 102	Basic Drawing II	3
FAA 104	Two-Dimensional Design II	3
FAA 106	Three-Dimensional Design II	3
FAA 122	Basic Photography	2
FAA 180	Art and society	2

**Required Ancillary Course**

THA 102	Practical Participation Orientation	2
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**Electives: Choose one Course**

FRE 102	Elementary French II2	2
GER 102	Elementary German II 2	2
RUS 102	Elementary Russian II 2	2

**General Studies Course**

GSP 102	The Use of English II	2
		19

**Second Year****First Semester****Major Courses**

CODE	TITLE	UNITS
FAA 201	Still – life Drawing	2
FAA 203	Art and Environment	2

FAA 231	Introduction to Painting	2	
FAA 241	Sculpture Processes: Modelling & Casting I	2	
FAA 281	Historical Survey of Western & Oriental Art I	2	
<b>Required Ancillary</b>			
COS 101	Introduction to Computer Science	2	
CED 341	Introduction to Entrepreneurship	2	
<b>Electives: Choose one Course</b>			
CHM 101	Basic Principles of Chemistry I	2	
ACH 101	Fundamentals of Archaeology	3	
ELS 141	Introduction to Fiction	3	2or3
REL 151	Introduction to African Traditional Religion	3	
<b>General Studies</b>			
GSP 105	Natural Science I	2	
GSP 201	Social Science I	2	
		20/21	

**Second Semester**

**Major Courses**

CODE	TITLE	UNITS
FAA 202	Figure Drawing	2
FAA 212	Orientation to Art Education	2
FAA 222	Visual Communication Design I	2
FAA 262	Textile Design I	2
FAA 272	Ceramics: Throwing & Modelling	2
FAA 282	Historical Survey of Western & Oriental Art II	2

**Required Ancillary Courses**

COS 304	Computer Application II	2
CED 342	Business Development and Management	2

**General Studies**

GSP 106	Natural Science II	2
GSP 202	Social Science II	2
		20

ART EDUCATION OPTION

**Third Year**

**First Semester**

**Major Courses**

CODE	TITLE	UNITS
FAA 301	Draughtsmanship I	2
FAA 311	Curriculum and Methodology in Art Education	3
FAA 313	Teaching Practice in Art I	2
FAA 315	Approaches to Art Teaching	2
FAA 385	African Art I	2
FAA 303	Research Techniques in Fine/Applied Arts	2

**Electives: Choose two Courses**

FAA 351	Clothing Construction I	3	
FAA 355	Fashion Design and Illustration I	3	
FAA 361	Textile Design II	3	
FAA 365	Textile Theory I	2	
FAA 341	Sculpture Process: Modelling and Casting II	3	
FAA 347	Utility Wood Sculpture	3	
FAA 327	Visual Communication Design & Multimedia Visual Production	3	
FAA 321	Printmaking I	2	
FAA 331	Oil/ Water-based and other Media Exploration	3	
FAA 333	Landscape and Still Life Painting	3	
FAA 371	Ceramic Throwing I	3	
FAA 370	Ceramics Theory I	2	4or6
			17/19

**Second Semester**

**Major Courses**

CODE	TITLE	UNITS
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FAA 392	Project I	4
FAA 394	SIWES	15
		19

## PAINTING OPTION

*First Semester***Major Courses**

CODE	TITLE	UNITS
FAA 301	Draughtsmanship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 305	Introduction to Mural Painting	2
FAA 331	Oil/Water-Based and other Media Exploration	2
FAA 333	Landscape & Still-Life Painting	2
FAA 335	Painting Theory I	2
FAA 337	Life Painting	2
FAA 339	Narrative Painting and Nigerian Painting Styles/Techniques	3
FAA 385	African Art I	2

**Required Ancillary Course**

FAA 321	Printmaking	2
		21

**Second Semester***Major Courses*

CODE	TITLE	UNITS
FAA 392	Project I	4
FAA 394	SIWES	15
		19

## SCULPTURE OPTION

*First Semester***Major Courses**

CODE	TITLE	UNITS
FAA 301	Draughtsmanship I	2
FAA 303	Research Techniques in Fine/Applied Arts	2
FAA 341	Sculpture Processes: Modelling and Casting II	2
FAA 343	Sculpture Theory I	2
FAA 345	Exploration of African Sculpture Ideas, Forms, Materials	3
FAA 347	Utility Wood Sculpture	3
FAA 349	Outdoor Sculpture Project	3
FAA 385	African Art I	2
		19

**Second Semester***Major Courses*

CODE	TITLE	UNITS
FAA 392	Project I	4
FAA 394	SIWES	15
		19

## VISUAL COMMUNICATION DESIGN OPTION

*First Semester***Major Courses**

CODE	TITLE	UNITS
FAA 301	Draughtsmanship I	2
FAA 301	Research Techniques in Fine/Applied Arts	2
FAA 321	Printmaking I	2
FAA 323	Creative Photography	3
FAA 325	Computer Graphics	3
FAA 327	Visual Communication Design and Multimedia Visual Production	3
FAA 329	Visual Communication Design Theory I	2
FAA 385	African Art I	2
		19

**Second Semester***Major Courses*

CODE	TITLE	UNITS
FAA 392	Project I	4
FAA 394	SIWES	15
		<hr/> 19

## TEXTILE DESIGN OPTION

*First Semester***Major Courses**

CODE	TITLE	UNITS
FAA 301	Draughtsmanship I	2
FAA 303	Research Techniques in Fine/Applied Arts	2
FAA 353	History of Costumes I	2
FAA 361	Textile Design II	3
FAA 363	Computer Aided Design I	3
FAA 365	Textile Theory I	2
FAA 367	Woven Structures and Fibres 1	3
FAA 385	African Art I	2
		<hr/> 19

*Second Semester***Major Courses**

CODE	TITLE	UNITS
FAA 392	Project I	4
FAA 394	SIWES	15
		<hr/> 19

## FASHION DESIGN OPTION

*First Semester***Major Courses**

CODE	TITLE	UNITS
FAA 301	Draughtsmanship I	2
FAA 303	Research Techniques in Fine/Applied Arts	2
FAA 351	Clothing Construction I	3
FAA 353	History of Costumes I	2
FAA 355	Fashion Design Illustration I	2
FAA 361	Textile Design II	3
FAA 363	Computer Aided Design I	3
FAA 365	Textile Theory I	2
FAA 385	African Art I	19
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*Second Semester***Major Courses**

CODE	TITLE	UNITS
FAA 392	Project I	4
FAA 394	SIWES	15
		<hr/> 19

## CERAMICS OPTION

*First Semester***Major Courses**

CODE	TITLE	UNITS
FAA 301	Draughtsmanship I	2
FAA 303	Research Techniques in Fine/Applied Arts	2
FAA 370	Ceramics Theory I	2
FAA 371	Ceramic Throwing I	3
FAA 373	Special Ceramics	2
FAA 375	Exploration of Ceramic Ideas, Forms and Materials 2	2
FAA 377	Ceramic Modelling	3
FAA 379	Industrial Ceramic Design I	3
FAA 385	African Art I	2
		<hr/> 21

*Second Semester***Major Courses**

CODE	TITLE	UNITS
FAA 392	Project I	4
FAA 394	SIWES	15
		19

## ART HISTORY OPTION

*First Semester***Major Courses**

CODE	TITLE	UNITS
FAA 301	Draughtsmanship	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 381	Historical Survey of Western and Oriental Art III	3
FAA 383	Aspects of Western Art	3
FAA 385	African Art I	2
FAA 387	Pre-Columbian and Oceanic Art and Culture	3
FAA 389	Study of indigenous African Art and Architecture Forms and Materials	3
		18

**Second Semester****Major Courses**

CODE	TITLE	UNITS
FAA 392	Project I	4
FAA 394	SIWES	15
		19

## PAINTING OPTION

**Fourth Year****First Semester***Major Courses*

CODE	TITLE	UNITS
FAA 401	Advanced Drawing I	2
FAA 431	Advanced Oil Painting	3
FAA 433	Portrait Painting	2
FAA 435	Advanced Landscape Painting	3
FAA 437	Abstract and Conceptual Painting	3
FAA 439	Advanced Water Colour Painting	3
FAA 480	Fine Art Criticism I	2
FAA 487	African Art II	2
		20

**Second Semester****Major Courses**

CODE	TITLE	UNITS
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practices in Fine and Applied Arts	2
FAA 430	Advanced Painting & Colour Language	2
FAA 432	Advanced Life Painting	2
FAA 434	Human Image and Metaphor	2
FAA 436	Mixed Media Painting	2
FAA 438	Painting Theory II	2
FAA 485	Modern African Art	2
FAA 484	African Architecture	4
FAA 492	Project II	20

## SCULPTURE OPTION

**First Semester****Major FIRST SEMESTER****Courses**

CODE	TITLE	UNITS
FAA 401	Advanced Drawing I	2
FAA 441	Sculpture Processes: Modelling & Casting III	3
FAA 443	Sculpture Process: Carving II	3
FAA 445	Sculpture Theory II	2
FAA 447	Special Sculpture Project	3



FAA 449	Space Organisation	3
FAA 480	Fine Art Criticism I	2
FAA 487	African Art II	2
		<hr/> 20

**Second Semester**

**Major Courses**

CODE	TITLE	UNITS
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practices in Fine and Applied Arts	2
FAA 442	Sculpture: Mixed media	3
FAA 444	Advanced Exploration of African Sculpture Ideas, Forms and Materials	3
FAA 446	Living Sculpture	2
FAA 485	Modern African Art I	2
FAA 484	African Architecture	2
FAA 492	Project II	4
		<hr/> 20

**VISUAL COMMUNICATION DESIGN OPTION**

**First Semester**

**Major Courses**

CODE	TITLE	UNITS
FAA 401	Advanced Drawing I	2
FAA 421	Printmaking II	3
FAA 423	Typographic Design	3
FAA 425	Computer Graphics II	3
FAA 427	Visual Communication Design III	3
FAA 429	Visual Communication Design Theory II	2
FAA 480	Fine Art Criticism I	2
FAA 487	African Art II	2
		<hr/> 20

**Second Semester**

**Major Courses**

CODE	TITLE	UNITS
FAA 402	Advanced Drawing I	2
FAA 404	Professional Practices in Fine and Applied Arts	2
FAA 422	Illustration, Editorial and Advertising Design	3
FAA 424	Product Design I	3
FAA 426	Colour and Design	2
FAA 448	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4
		<hr/> 20

**TEXTILE DESIGN OPTION**

**First Semester**

**Major Courses**

CODE	TITLE	UNITS
FAA 401	Advanced Drawing	2
FAA 421	Printmaking II	3
FAA 459	History of Costumes II	2
FAA 461	Textile Design III	3
FAA 463	Woven Structures and Fibres II	3
FAA 465	Textile Design theory II	2
FAA 467	Computer Aided Design II	2
FAA 480	Fine Art Criticism I	2
FAA 487	African Art II	2
		<hr/> 21

**Second Semester**

**Major Courses**

CODE	TITLE	UNITS
FAA 402	Advanced Drawing	2

FAA 404	Professional Practices in Fine and Applied Arts	2
FAA 462	Advanced Exploration of African Textile Ideas, Forms and Materials	3
FAA 464	Woven Structures and Fibres III	3
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4
		<hr/> 18

## FASHION DESIGN OPTION

**First Semester****Major Courses**

CODE	TITLE	UNITS
FAA 401	Advanced Drawing II	2
FAA 451	Clothing Construction II	2
FAA 457	Pattern Drafting and Studio Practice I	3
FAA 455	Fashion Design Illustration II	3
FAA 459	History of Costumes II	2
FAA 465	Textile Theory II	2
FAA 467	Computer Aided Design II	3
FAA 480	Fine Art Criticism I	2
FAA 487	African Art II	2
		<hr/> 21

**Second Semester****Major Courses**

CODE	TITLE	UNITS
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practices in Fine and Applied Arts	2
FAA 458	Pattern Drafting and Studio Practice II	3
FAA 454	Advanced Exploration of African Fashion Design Ideas, Forms and Materials	3
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4

## CERAMIC DESIGN OPTION

**First Semester****Major Courses**

CODE	TITLE	UNITS
FAA 401	Advanced Drawing I	2
FAA 470	Ceramics Theory II	2
FAA 471	Ceramic Throwing II	3
FAA 473	Kiln Design and Firing	3
FAA 477	Ceramic Modelling II	3
FAA 479	Industrial Ceramic Design II	3
FAA 480	Fine Art Criticism I	2
FAA 487	African II	18
		<hr/>

**Second Semester****Major Courses**

CODE	TITLE	UNITS
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practices in Fine/Applied Arts	2
FAA 472	Architectural Ceramics	2
FAA 474	Mixed Media Ceramics	2
FAA 475	Advanced Exploration of African Ceramic Ideas, Forms and Materials	3
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4
		<hr/> 19

## ART EDUCATION OPTION

**First Semester**

**Major Courses**

CODE	TITLE	UNITS
FAA 401	Advanced Drawing I	2
FAA 411	Advanced Studies in Art Education	3
FAA 413	Teaching Practice in Art II	2
FAA 415	Special Readings in Indigenous Art Forms and Materials	2
FAA 480	Fine Art Criticism I	2
FAA 487	African Art II	2

**Electives: Choose two Courses**

FAA 431	Advanced Oil Painting	3	
FAA 439	Advanced Water Colour Paintings	3	
FAA 441	Sculpture Processes: Modelling & Casting III	3	
FAA 443	Sculpture Processes: Carving II	3	
FAA 421	Printmaking II	3	
FAA 427	Visual Communication Design III	3	
FAA 461	Textile Design III	3	
FAA 463	Woven Structures and Fibres	3	
FAA 471	Ceramic Throwing II	3	
FAA 470	Industrial Ceramic Design II	3	
FAA 457	Pattern Drafting & Studio Practice I	3	
FAA 451	Clothing Construction II	3	6
			19

**Second Semester****Major Courses**

CODE	TITLE	UNITS
FAA 402	Advanced Drawing II	2
FAA 412	Curriculum and Instruction for Art Education	3
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4

**Required Ancillary Courses**

EDU 211	Educational Psychology I	2
EDU 224	Educational Technology	2

**Electives: Choose one Course**

EDU 316	Organisation and Administration of Guidance Service	2	
EDU 431	Educational Administration	2	2
			19

**ART HISTORY OPTION****First Semester****Major Courses**

CODE	TITLE	UNITS
FAA 401	Advanced Drawing I	2
FAA 481	Special Readings in Art History I	3
FAA 480	Fine Art Criticism I	2
FAA 484	Advanced Field Exploration of African Art and Architecture Forms	3
FAA 487	Africa Art II	2
FAA 488	Modern Western Art	3
FAA 489	Problems in African Art History	3
		18

**Second Semester****Major Courses**

CODE	TITLE	UNITS
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practices in Fine and Applied Arts	2
FAA 483	Fine Art Criticism II	2
FAA 482	Special Readings in Art History II	3
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4

**Three Year Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
FAA 201	Still life Drawing	2
FAA 231	Introduction to Painting	2
FAA 241	Sculpture Processes: Modelling & Casting I	2
FAA 281	Historical Survey of Western & Oriental Art I	2

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
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**Electives: Choose one Course**

CHM 101	Basic Principles of chemistry I	2	
ACH 101	Introduction to Archaeological Method I	3	
ELS 141	Introduction to Fiction	3	
REL 151	Introduction to African Traditional Religion	3	2or3

**General Studies**

GSP 101	The Use of English I	2	
GSP 105	Natural Science I	2	
GSP 201	Social Science I	2	
CED 341	Introduction to Entrepreneurship I	2	
		20/21	

**Second Semester****Major Courses**

CODE	TITLE	UNITS
FAA 202	Figure Drawing	2
FAA 212	Orientation to Art Education	2
FAA 252	Visual Communication Design I	2
FAA 262	Textile Design I	2
FAA 272	Ceramics: Throwing & Modelling	2
FAA 282	Historical Survey of Western & Oriental Art II	2

**Required Ancillary Courses**

COS 304	Computer Application II	2
CED 342	Business Development and Management	2

**General Studies**

GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
GSP 202	Social Science II	2

**Department of Foreign Languages and Literary Studies****Staff**

M.O. Iwuchukwu, BA (Lome), M.A. (Jos), Ph.D. (Sherbrooke)	Professor/Head
D. Dusenko, B.A., M.A., Ph.D. (Moscow)	Professor
F.N. Ibemesi, BA (MSU), M.A. (MUS), M.A., Ph.D. (Nigeria)	Professor
A.C. Nwanjoku, B.A., PGDE (Benin), M.A. (Ibadan), Ph.D. (Uturu)	Reader
I.P. Ezeorah, BA (Nigeria), M.A. (Wuerzburg), Ph.D. (Bielefeld)	Senior Lecturer
M.U Okolie, B.A., PGDE, M.A., Ph.D. (Nigeria)	Senior Lecturer
N.E Okezie, BA (Port Harcourt) M.A., Ph.D. (Nigeria)	Senior Lecturer
F.O ElomB.A., NCE (Eha-Amufu), B.A., M.A. (Nigeria)	Senior Lecturer
M. S. Yong, BA (Yaounde), M.A. (Benin), Ph.D. (Nigeria)	Senior Lecturer
C.V. Konstantin, B.A., M.A. (Kharkov)	Senior Lecturer
C.O. Nwarukwe, B.A., M.A. (Kiev) Ph.D. (Moscow)	Lecturer I
N.K. Ogbodo, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
S.O.Awa, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
C.P. Ngele, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
M.V.Onuoha, B.A., M.A., (Nigeria), Ph.D. (Germany)	Lecturer I
R.Ogbuehi, B.A., (Nigeria)	Lecturer II
B.O.Agu, B.A., M.A. (Nigeria)	Lecturer II
A.C. Epundu, BA (Maiduguri), PGDE, M.A. (Nigeria)	Lecturer II
A.C. Asadu, BSc, B.A., M.A. (Nigeria), Dip. (Tianjin)	Lecturer II

B.C. Udeh, B.A., M.A. (Nigeria)	Lecturer II
D.O. Ugwuanyi, B.A., M.A. (Nigeria)	Lecturer II
I.E. Okonkwo, B.A., M.A. (Nigeria)	Lecturer II
G. Okeodion	Lecturer II
M.I. Ali, B.A., M.A. (Nigeria)	Lecturer II
Eme-Okafor Chinaemrem	Assistant Lecturer
C.C. Noah, BA (Nigeria)	Graduate Assistant
C.J. Animenakaya, BA (Nigeria)	Assistant Tutor
E.A. Audu, BS.c (Nigeria)	Higher Technical Officer II
L. Eze, B.A (Rep of Bénin)	Higher Technical Officer II
U. Emekekwe B.A (Nigeria)	Higher Technical Officer II
K. Nzekwe B.Eng (Enugu)	Higher Technical Officer II

### History

The Department of Foreign Languages and Literary Studies, formally known as the Department of Languages and Linguistics, is one of the pioneer Departments of the University of Nigeria, Nsukka. The Department evolved through the years and, like most other foundation Departments, was established by expatriate staff. The Department offered French as the major degree programme and Spanish as a subsidiary. The Russian and German Sections of the Department were established after the war.

### Development and Student Enrolment

The Department of Foreign Languages and Literary Studies has grown and developed in its own peculiar way. At inception, it was known as the Department of Languages and Linguistics. Subsequently, following the creation of the Department of Linguistics, it was renamed the Department of French, French being one of the pioneer degree programmes of the Faculty of Arts. Thereafter, German and Russian that were previously taught as service courses developed into degree programmes within the Department, resulting in a change of name first, to Department of Foreign Languages, then to Department of Foreign Languages and Literatures and recently, to Department of Foreign Languages and Literary Studies. The Department concluded its curriculum review in the 2008/2009 session, re-introducing Spanish and adding Chinese to its programmes. The Department, like other Departments of the University, has experienced over the years an increase in student population. The student enrolment level has continued to rise over the years, especially in the new millennium, due the increase in awareness of the role that the acquisition of international languages plays in the life of the individual and society in the era of information and communications technology (ICT) and globalization.

### Foreign Governments' Collaboration with the Department

Today, the Department has grown into five different language sections: Degree programmes in French, German and Russian are already offered, while Spanish and Chinese expected to take off any time from now as their degree programmes have already been approved by the University Senate. Consequently, the Department has now, more than ever before, intensified its collaborations with foreign embassies/governments whose languages are currently taught/learnt here. The Department has, since inception, enjoyed the presence of/cordial relationship with the following foreign governments:

**French:** The presence of the French Government has always been felt in the Department. French indigenes have worked in the Department and many of our students have done their Year Abroad in Grenoble or Besançon in France. As a follow-up to the uplift in the status of French as Nigeria's second official language after English (*Federal Republic of Nigeria National Policy on Education*, 2004), the University of Nigeria was selected as one of the six federal pilot Universities of the Nigeria French Language Project (NFLP), Federal Ministry of Education, offering the One-Year Special Programme in French with a view to enhancing the teaching/learning of French in Nigeria. The French government co-sponsored the programme with a self-study centre, CD players, teaching aids, textbooks and training workshops for lecturers. The one-year special preparatory programme in French took off formerly in the Department in 2006.

**German:** The Department has always enjoyed some benefits from the German government. Currently, some students pursue their year abroad/language immersion programme in Germany while others go to Goethe Institute in Lagos. Students who turn out to be the best can spend up to two months in Germany,

depending on the type of scholarship they win. Staff and postgraduate students have also benefited from DAAD scholarship and/or research grants. Some academic staff have also received Austrian government grants for a 2-week workshop in Austria. In addition to a few exchange programmes between the Department and German Universities, long and short term scholarships, training workshops have been granted to both staff and students within and outside the country. The German government also provides teaching and learning materials from time to time.

**Russian:** The Department started the teaching of Russian language in the early seventies with the presence of two Russian citizens, who later left for the USA. Since then, the Russian language has been taught in the Department. Presently, linkage programmes are being established to enable our students pursue their Year Abroad programme in Russia/Ukraine.

**Chinese:** The Department started the teaching of Chinese language as a service course in 2011.

### **Philosophy/Scope/Objectives**

The philosophy of the Department is based on the imperative need to produce citizens capable of communicating effectively in French, German, Russian and other international languages in this era of information and communications technology (ICT) and globalization, especially citizens through whom Nigeria will be able to participate fully in our ever-evolving world with its cultural, social, political, scientific and economic diversities. Through imparting skills in listening, speaking, reading, writing, translating and interpreting in these foreign languages, and through the teaching of world literatures and cultures as contained in our undergraduate academic programmes, students will be made to acquire and develop, among other things, communication skills in spoken and written foreign languages. They are expected to be multilingual and to attain a high level of oral and written fluency in these international languages. It is hoped that attainment of such a level of competence in foreign languages by a generation of Nigerians will further enhance communication, understanding and productivity in various fields of human endeavour within and outside the country, especially in the educational, cultural, social and economic sectors.

### **Currently, the Department of Foreign Languages and Literary Studies runs the following academic programmes:**

- a) BA Single Honours in French.
- b) BA Single Honours in German.
- c) BA Single Honours in Russian.
- d) BA Combined Honours in French/German.
- e) BA Combined Honours in French/Russian.
- f) General Language Courses (Service courses) in French, German, Russian and Chinese.

The duration of single honours programmes is four years for candidates who gain admission by Unified Tertiary Matriculation Examination (UTME) and three years for those who gain admission by Direct Entry. The duration in respect of French/German, French/Russian programmes and other combinations is four years for all categories of admitted candidates.

### **Language Immersion Programme (Year Abroad) Programme**

The third year of the 4-year degree programme or the second year of the 3-year Direct Entry degree programme is consecrated entirely to a language immersion programme popularly known as the Year Abroad Programme. It is a form of Industrial Training programme aimed at exposing students to environments where the various foreign languages they study serve as mother tongue. In the past, the programme used to take place in France and Germany only for students of French and German respectively. However, with the deteriorating economic situation in the country and the withdrawal of government subsidy/bursary awards, the programme now takes place in African countries, notably at the Village du Benin in Togo and Centre Universitaire d'Etudes Françaises (CUEF) in Côte-d'Ivoire. Moreover, in the early nineties, with the collaboration of French Government, the Federal Government established the Nigeria French Language Village in Badagry for students of French language. Similarly, with the collaboration of Universities that run degree programmes in German, the Goethe Institute in Lagos organizes the Equivalent Year Abroad Programme (EYAP) for students of German.

### **Entry Requirements**

DIRECT ENTRY	UTME	UTME SUBJECTS	SPECIAL CONSIDERATION
1 NCE with a minimum of two	1 <b>French Single Honours:</b> A minimum of five O/level credit	1 <b>French Single Honours:</b> French,	1 <b>French Single Honours:</b> UNN accepts candidates who

merit level passes in relevant subjects as well as University entry requirements.	passes to necessarily include English language, French, one science subject and two other arts subjects, one of which must be Literature in English.	Literature in English and one other arts subject.	are successful in its one year preparatory programme in French (minimum 40%) plus UTME pass mark recommended for UNN.
<b>2</b> Two passes at GCE A/L, HSC or its equivalent, DALF certificate or an acceptable Baccalaureate certificate in relevant subjects.	<b>2 German Single Honours:</b> A minimum of five O/level credit passes to necessarily include English language, one science subject and three other arts subjects, one of which must be Literature in English.	<b>2 German Single Honours:</b> Literature in English and two other Arts subjects.	<b>2 German Single Honours:</b> Any language proficiency certificate from the Goethe Institute will be a great advantage.
		<b>3 Russian Single Honours:</b> Literature in English and two other Arts subjects.	
	<b>3 Russian Single Honours:</b> A minimum of five O/level credit passes to necessarily include English language, one science subject and three other arts subjects, one of which must be Literature in English.	<b>4. Chinese Single Honours:</b>	<b>Chinese Single Honours:</b> HSK Level 5 Certificate will be an added advantage.
		Literature in English and two other Arts subjects.	
	<b>4 Chinese Single Honours:</b> A minimum of five O/level credit passes to necessarily include English language, one science subject and three other arts subjects, one of which must be Literature in English.	<b>4 Spanish Single Honours:</b>	
		Literature in English and two other Arts subjects.	
	<b>5 Spanish Single Honours:</b> A minimum of five O/level credit passes to necessarily include English language, one science subject and three other arts subjects, one of which must be Literature in English.	<b>5 French/German Combined Honours:</b>	
		French, Literature in English and one other Arts subject.	
	<b>6 French/German Combined Honours:</b> A minimum of five O/level credit passes to necessarily include English language, French, one science subject and two other arts subjects, one of which must be Literature in English.		
	<b>7 French/Russian Combined Honours:</b> A minimum of five O/level credit passes to necessarily include English language, French, one science subject and two other arts subjects, one of which must be Literature in English.	<b>French/Russian Combined Honours:</b> French, Literature in English and one other Arts subject.	
		<b>7 French/Chinese Combined Honours:</b>	

French, Literature in English and one other arts subject.

#### 8 French/Chinese Combined

##### Honours:

A minimum of five O/level credit passes to necessarily include English language, French, one science subject and two other arts subjects, one of which must be Literature in English.

Literature in English and one other arts subject.

#### 9 French/Spanish Combined

##### Honours:

A minimum of five O/level credit passes to necessarily include English language, French, one science subject and two other arts subjects, one of which must be Literature in English.

#### Departmental General Language Courses (Service Courses)

The Departmental general language courses (service courses) are as follows: FRE 101, FRE 102, FRE 201, FRE 202, FRE 301, FRE 302, FRE 401, FRE 402 and their equivalents in German, Russian, Spanish and Chinese. These courses are offered by a number of Departments in the Faculty of Arts and other Faculties of the university. Single honours students of the Department are also required to offer service courses in one of the foreign from level 100 - 400. For instance, a student of French single honours shall be required to offer German or Russian or Spanish or Chinese as a service course.

#### Job Opportunities

The various programmes of the Department of Foreign Languages and Literary Studies will equip graduates for careers in translation and interpretation, banking, publishing, civil and diplomatic services, tourist industry, oil and gas companies, teaching in private/public schools and institutions of higher learning.

#### Stress Areas

General Language Courses (Service Courses)	0
Linguistics and Grammar	1
Composition and Stylistics	2
Literature and Reading Comprehension	3
Translation	4
Culture and Civilization	5
Oral Courses	6
Research Methods	8
Project	9

#### Four Year Standard Degree Programme in French

##### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
FRE 111	French Grammar I	3
FRE 121	Introduction to Composition in French I	2
FRE 131	Readings in French I	2
FRE 161	Oral French I	3
<b>Required Ancillary Courses</b>		
GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
COS 101	Introduction to Computer Science	2
GSP 111	Use of Library	2
<b>Electives: Choose one Course</b>		
GER 101	Elementary German I	2
RUS 101	Elementary Russian I	2



CHI 101	Elementary Chinese I	2	
SPA 101	Elementary Spanish I	2	2
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**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

FRE 112	French Grammar II		3
FRE 122	Introduction to Composition in French II		2
FRE 132	Readings in French II		2
FRE 162	French Phonetics		2
FRE 164	Oral French II		3
			<hr/> 2

**Required Ancillary Courses**

GSP 102	The Use of English II		
GSP 106	Natural Science II		2
COS 304	Computer application		2

**Electives: Choose one Course**

GER 102	Elementary German II	2	
RUS 102	Elementary Russian II	2	
CHI 102	Elementary Chinese II	2	
SPA 102	Elementary Spanish II	2	2
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**Second Year**

**First Semester**

CODE	TITLE		UNITS
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**Major Courses**

FRE 211	French Grammatical structures I		3
FRE 221	Comprehension and Stylistics I		3
FRE 231	French Literatures in Perspective I.		3
FRE 233	World Literature in French		3
FRE 261	Oral Expression and Comprehension in French		3

**Required Ancillary Courses**

GSP 201	Issues in Peace and Conflict Studies I		2
CED 341	Business Development and Growth I		2

**Electives: Choose one Course**

GER 201	Intermediate German I	2	
RUS 201	Intermediate Russian I	2	
CHI 201	Intermediate Chinese I	2	
SPA 201	Intermediate Spanish I	2	2
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**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

FRE 212	French Grammatical structures II		3
FRE 222	Comprehension and Stylistics II		3
FRE 234	French Literature in Perspective II		3
FRE 252	Culture and Civilization of Francophone Africa		2
FRE 254	French Club		2
FRE 262	French Phonetics and Phonology		2

**Required Ancillary Courses**

GSP 202	Issues in Peace and Conflict Studies II		2
CED 342	Business Development and Growth II		2

**Electives: Choose one Course**

GER 202	Intermediate German II	2	
RUS 202	Intermediate Russian II	2	
CHI 202	Intermediate Chinese II	2	
SPA 202	Intermediate Spanish II	2	2
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**Third  
Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 311	Advanced StudieC99:C105s in French Grammar I	3
FRE 331	African Literature in French	2
FRE 333	Introduction to French Prose	2
FRE 341	Introduction to Translation I	2
FRE 351	Culture and Civilization of France	2
FRE 361	Advanced Studies in French Phonetics	2
FRE 363	Communicative Skills I	2

**Electives: Choose one Course**

GER 301	Advanced German I	2
RUS 301	Advanced Russian I	2
CHI 301	Advanced Chinese I	2
SPA 301	Advanced Spanish I	2
		2
		17

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 312	Advanced studies in French Grammar II	3
FRE 322	Essay Writing in French	2
FRE 334	French literature of the 18 <sup>th</sup> Century	2
FRE 336	Literature and Philosophy	2
FRE 342	Introduction to Translation II	2
FRE 364	Communicative Skills II	2

**Electives: Choose one Course**

GER 302	Advanced German II	2
RUS 302	Advanced Russian II	2
CHI 302	Advanced Chinese II	2
SPA 302	Advanced Spanish II	2
		2
		15

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 411	Applied Linguistics I	2
FRE 421	Essay writing in French	2
FRE 431	19 <sup>th</sup> Century French Literature	2
FRE 433	Caribbean Francophone Literature	2
FRE 435	African Literature in French Poetry and Theatre	2
FRE 437	Literary Criticism in French	2
FRE 441	Advanced Translation I	3
FRE 481	Research Methods	2

**Electives: Choose one Course**

GER 401	German for the Sciences and the Humanities I	2
RUS 401	Russian for the Sciences and the Humanities I	2
CHI 401	Chinese for the Sciences and the Humanities I	2
SPA 401	Spanish for the Sciences and the Humanities I	2
		2
		19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 412	Applied Linguistics II	2
FRE 434	Contemporary French Literature	3
FRE 436	Francophone African Literature	2
FRE 442	Advanced Translation II	3
FRE 454	World Literature in Translation	2
FRE 462	Advanced oral French	2
FRE 492	Project in French	4

**Electives: Choose one Course**

GER 402	German for the Sciences and the Humanities II	2	
RUS 402	Russian for the Sciences and the Humanities II	2	
CHI 402	Chinese for the Sciences and the Humanities II	2	2
SPA 402	Spanish for the Sciences and the Humanities II	2	
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**Four Year Standard Degree Programme in German**

**First Year**

**First Semester**

CODE	TITLE		UNITS
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**Major Courses**

GER 111	German Grammar 1		3
GER 121	Introduction to Composition in German 1		2
GER 131	Readings in German 1		2
GER 161	Oral German 1		3

**Required Ancillary Courses**

GSP 101	The Use of English 1		2
GSP 105	Natural Science 1		2
COS 101	Introduction to Computer Science		2
GSP 111	Use of Library		2

**Electives: Choose one Course**

FRE 101	Elementary French 1	2	
RUS 101	Elementary Russian 1	2	
CHI 101	Elementary Chinese I	2	
SPA 101	Elementary Spanish I	2	2
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**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

GER 112	German Grammar II		3
GER 122	Introduction to Composition in German II		2
GER 132	Readings in German II		2
GER 162	German Phonetics		2
GER 164	Oral German II		3

**Required Ancillary Courses**

GSP 102	The Use of English II		2
GSP 106	Natural Science II		2
COS 304	Computer Application		2

**Electives: Choose one Course**

FRE 102	Elementary French II	2	
RUS 102	Elementary Russian II	2	
CHI 102	Elementary Chinese II	2	
SPA 102	Elementary Spanish II	2	2
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**Second Year**

**First Semester**

CODE	TITLE		UNITS
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**Major Courses**

GER 211	German Grammatical Structures I		3
GER 221	Comprehension and stylistics 1		3
GER 231	German literatures in Perspective I		3
GER 233	World Literature in German		3
GER 261	Oral Expression and Comprehension in French		3

**Required Ancillary Courses**

GSP 201	Issues in Peace and Conflict Studies I		2
CED 341	Business Development and Growth I		2

**Electives: Choose one Course**

FRE 201	Intermediate French I	2	
RUS 201	Intermediate Russian I	2	
CHI 201	Intermediate Chinese I	2	

SPA 201	Intermediate Spanish I	2	2
			21
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
GER 212	German Grammatical Structures II		3
GER 222	Comprehension and Stylistics II		3
GER 234	German Literature in Perspective		3
GER 252	Culture and Civilization of German-speaking Countries outside Germany		2
GER 254	Goethe Club		2
GER 262	German Phonetics and Phonology		2
<b>Required Ancillary Courses</b>			
GSP 202	Issues in Peace and Conflict Studies II		2
CED 342	Business Development and Growth II		2
<b>Electives: Choose one Course</b>			
FRE 202	Intermediate French II	2	
RUS 202	Intermediate Russian II	2	
CHI 202	Intermediate Chinese II	2	
SPA 202	Intermediate Spanish II	2	2
			21
<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
GER 311	Advanced Studies in German Grammar I		3
GER 331	African Literature in German		2
GER 333	Introduction to German Prose		2
GER 341	Introduction to Translation I		2
GER 351	Contemporary German Society		2
GER 361	Advanced studies in German Phonetics		2
GER 363	Communicative Skills I		2
<b>Electives: Choose one Course</b>			
FRE 301	Advanced French I	2	
RUS 301	Advanced Russian I	2	
CHI 301	Advanced Chinese I	2	
SPA 301	Advanced Spanish I	2	2
			17
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
GER 312	Advanced studies in German Grammar II		3
GER 322	Essay Writing in German		2
GER 334	German Literature of the 18 <sup>th</sup> Century		2
GER 336	Literature and Philosophy		2
GER 342	Introduction to Translation II		2
GER 364	Communicative Skills II		2
<b>Electives: Choose one Course</b>			
FRE 302	Advanced French II	2	
RUS 302	Advanced Russian II	2	
CHI 302	Advanced Chinese II	2	
SPA 302	Advanced Spanish II	2	2
			15
<b>Fourth Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
GER 411	Applied Linguistics I		2
GER 421	Essay writing in German		2
GER 431	19 <sup>th</sup> Century German Literature		2

GER 433	German Literature on Africa	2	
GER 435	Poetics and Theory of Literature	2	
GER 437	Literary Criticism in German	2	
GER 441	Advanced Translation I	3	
GER 481	Research methods	2	

**Electives: Choose one Course**

FRE 401	French for the Sciences and the Humanities I	2	
RUS 401	Russian for the Sciences and the Humanities I	2	
CHI 401	Chinese for the Sciences and the Humanities	2	
SPA 401	Spanish for the Sciences and the Humanities	2	2
			<hr/> 19

**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

GER 412	Applied Linguistic II	2	
GER 434	Contemporary German Literature	3	
GER 436	African/Black German Literature	2	
GER 442	Advanced Translation II	3	
GER 454	World Literature in Translation	2	
GER 462	Advanced oral German	2	
GER 492	Project in German	4	

**Electives: Choose one Course**

FRE 402	French for the Sciences & the Humanities II	2	
RUS 402	Russian for the Sciences and the Humanities II	2	
CHI 402	Chinese for the Sciences and the Humanities II	2	
SPA 402	Spanish for the Sciences and the Humanities II	2	2
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**Four Year Standard Degree Programme in Russian**

**First Year**

**First Semester**

CODE	TITLE		UNITS
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**Major Courses**

RUS 111	Russian Grammar I	3	
RUS 121	Introduction to Composition in Russian I	2	
RUS 131	Readings in Russian I	2	
RUS 161	Oral Russian I	3	

**Required Ancillary Courses**

GSP 101	The Use of English I	2	
GSP 105	Natural Science I	2	
COS 101	Introduction to Computer Science	2	
GSP 111	Use of Library	2	

**Electives: Choose one Course**

FRE 101	Elementary French I	2	
GER 101	Elementary German I	2	
CHI 101	Elementary Chinese I	2	
SPA 101	Elementary Spanish I	2	2
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**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

RUS 112	Russian Grammar II	3	
RUS 122	Introduction to Composition in Russian II	2	
RUS 132	Readings in Russian II	2	
RUS 162	Russian Phonetics	2	
RUS 164	Oral Russian II	3	

**Required Ancillary Courses**

GSP 102	The Use of English II	2	
GSP 106	Natural Science II	2	
COS 304	Computer Application	2	

**Electives: Choose one Course**

FRE 102	Elementary French II	2	
GER 102	Elementary German II	2	
CHI 102	Elementary Chinese II	2	
SPA 102	Elementary Spanish II	2	2
			<hr/> 20

**Second Year****First Semester**

CODE	TITLE		UNITS
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**Major Courses**

RUS 211	Russian Grammatical Structures		3
RUS 221	Comprehension and Stylistics I		3
RUS 231	Russian Literature in Perspective I		3
RUS 233	Russian Literature in Translation		2

**Required Ancillary Courses**

GSP 201	Issues in Peace and Conflict Studies I		2
CED 341	Business Development and Growth I		2

**Electives: Choose one Course**

GER 201	Intermediate German I	2	
FRE 201	Intermediate French I	2	
CHI 201	Intermediate Chinese I	2	
SPA 201	Intermediate Spanish II	2	2
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**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

RUS 212	Russian Grammatical Structures II		3
RUS 222	Comprehension and Stylistics II		3
RUS 234	Russian Literature in Perspective II		3
RUS 252	Culture and Civilization of Russian-speaking Countries outside Russia		2
RUS 254	Russian Club		2
RUS 262	Russian Phonetics and Phonology		2

**Required Ancillary Courses**

GSP 202	Issues in Peace and Conflict Studies II		2
CED 342	Business Development and Growth II		2

**Electives: Choose one Course**

GER 202	Intermediate German II	2	
FRE 202	Intermediate French II	2	
CHI 202	Intermediate Chinese II	2	
SPA 202	Intermediate Spanish II	2	2
			<hr/> 21

**Third Year****First Semester**

CODE	TITLE		UNITS
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**Major Courses**

RUS 311	Advanced Studies in Russian Grammar I		3
RUS 331	Russian Literature in Translation		2
RUS 333	Introduction to Russian Prose		2
RUS 341	Introduction to Translation I		2
RUS 351	Russian Culture and Civilization		2
RUS 361	Advanced Studies in Russian Phonetics		2
RUS 363	Communicative Skills I		2

**Electives: Choose one Course**

GER 301	Advance German I	2	
FRE 301	Advanced French I	2	
CHI 301	Advanced Chinese I	2	
SPA 301	Advanced Spanish I	2	2
			<hr/> 17

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
RUS 312	Advanced Studies in Russian Grammar II	3
RUS 322	Essay Writing in Russian	2
RUS 334	Russian Literature of Soviet era	3
RUS 336	Literature and Philosophy	2
RUS 342	Introduction to Translation II	2
RUS 364	Communicative Skills II	2
<b>Electives: Choose one Course</b>		
GER 302	Advanced German II	2
FRE 302	Advanced French II	2
CHI 302	Advanced Chinese II	2
SPA 302	Advanced Spanish II	2
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
RUS 411	Applied Linguistics I	2
RUS 421	Essay writing in Russian	2
RUS 431	19 <sup>th</sup> Century Russian Literature	2
RUS 433	Soviet Literature	2
RUS 435	Poetry and Theatre of select Soviet authors	2
RUS 437	Literary Criticism in Soviet Russia	2
RUS 441	Advanced Translation I	3
RUS 481	Research methods	2
<b>Electives: Choose one Course</b>		
GER 401	German for the Sciences and Humanities I	2
FRE 401	French for the Sciences and Humanities I	2
CHI 401	Chinese for the Sciences and Humanities I	2
SPA 401	Spanish for the Sciences and Humanities I	2
		2
		19
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
RUS 412	Applied Linguistics II	2
RUS 434	Contemporary Russian Literature	3
RUS 436	Russian Fiction	2
RUS 442	Advanced Translation II	3
RUS 454	World literature in Translation	2
RUS 462	Advanced oral Russia	2
RUS 492	Project in Russian	4
<b>Electives: Choose one Course</b>		
GER 402	German for the Sciences and Humanities II	2
FRE 402	French for the Sciences and Humanities II	2
CHI 402	Chinese for the Sciences and Humanities II	2
SPA 402	Spanish for the Sciences and Humanities II	2
		2
		20
<b>Four-Year Standard Degree Programme in Spanish</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SPA 111	Spanish Grammar I	3
SPA 121	Introduction to Composition in Spanish I	2
SPA 131	Readings in Spanish I	2
SPA 161	Oral Spanish I	3
<b>Required Ancillary Courses</b>		
GSP 101	The Use of English I	2
GSP 105	Natural Science I	2

COS 101	Introduction to Computer Science		2
GSP 111	Use of Library		2
<b>Electives: Choose one Course</b>		2	
FRE 101	Elementary French I	2	
GER 101	Elementary German I	2	
RUS 101	Elementary Russian I	2	2
CHI 101	Elementary Chinese I	2	20

**Second Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
SPA 112	Spanish Grammar II		3
SPA 122	Introduction to Composition in Spanish II		2
SPA 132	Readings in Spanish II		2
SPA 162	Spanish Phonetics		2
SPA 164	Oral Spanish II		3
<b>Required Ancillary Courses</b>			
GSP 102	The Use of English II		2
GSP 106	Natural Science II		2
COS 304	Computer application		2
<b>Electives: Choose one Course</b>			
FRE 102	Elementary French II	2	
GER 102	Elementary German II	2	
RUS 102	Elementary Russian II	2	
CHI 102	Elementary Chinese II	2	2
			20

**Second Year****First Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
SPA 211	Spanish Grammatical Structures		3
SPA 221	Comprehension and Stylistics I		3
SPA 231	Spanish Literatures in Perspective I.		3
SPA 233	World Literature in Spanish		3
SPA 261	Oral Expression and Comprehension in Spanish		3
<b>Required Ancillary Courses</b>			
GSP 201	Issues in Peace and Conflict Studies I		2
CED 341	Business Development and Growth I		2
<b>Electives: Choose one Course</b>			
FRE 201	Intermediate French I	2	
GER 201	Intermediate German I	2	
RUS 201	Intermediate Russian I	2	
CHI 201	Intermediate Chinese I	2	2
			21

**Second Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
SPA 212	Spanish Grammatical structures II		3
SPA 222	Comprehension and Stylistics II		3
SPA 234	Spanish Literature in Perspective II		3
SPA 252	Culture and Civilization of Hispanic Africa		2
SPA 254	Spanish Club		2
SPA 262	Spanish Phonetics and Phonology		2
<b>Required Ancillary Courses</b>			
GSP 202	Issues in Peace and Conflict Studies II		2
CED 342	Business Development and Growth II		2
<b>Electives: Choose one Course</b>			
FRE 202	Intermediate French II	2	
GER 202	Intermediate German II	2	
RUS 202	Intermediate Russian II	2	



CHI 202	Intermediate Chinese II	2	2
			<hr/> 21

### Third Year

#### First Semester

CODE	TITLE		UNITS
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#### Major Courses

SPA 311	Advanced studies in Spanish Grammar I		3
SPA 331	Advanced studies in Spanish		2
SPA 333	Introduction to Spanish Prose		2
SPA 341	Introduction to Translation I		2
SPA 351	Culture and Civilization of Spain		2
SPA 361	Advanced Studies in Spanish Phonetics		2
SPA 363	Communicative Skills I		2

#### Electives: Choose one Course

FRE 301	Advanced French I	2	
GER 301	Advanced German I	2	
RUS 301	Advanced Russian I	2	
CHI 301	Advanced Chinese I	2	2
			<hr/> 17

#### Second Semester

CODE	TITLE		UNITS
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#### Major Courses

SPA 312	Advanced Studies in Spanish Grammar II		3
SPA 322	Essay Writing in Spanish		2
SPA 334	Spanish Literature of the 18 <sup>th</sup> Century		2
SPA 336	Literature and Philosophy		2
FRE 342	Introduction to Translation II		2
SPA 364	Communicative Skills II		2

#### Electives: Choose one Course

FRE 302	Advanced French II	2	
GER 302	Advanced German II	2	
RUS 302	Advanced Russian II	2	
CHI 302	Advanced Chinese II	2	2
			<hr/> 15

### Fourth Year

#### First Semester

CODE	TITLE		UNITS
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#### Major Courses

SPA 411	Applied Linguistics I		2
SPA 421	Advanced Essay writing in Spanish		2
SPA 431	19 <sup>th</sup> Century Spanish Literature		2
SPA 433	Latin American in Spanish		2
SPA 435	Spanish Literature Poetry and Drama		2
SPA 437	Literary Criticism in Spanish		2
SPA 441	Advanced Translation I		3
SPA 481	Research methods		2

#### Electives: Choose one Course

FRE 401	French for the Sciences and the Humanities I	2	
GER 401	German for the Sciences and the Humanities I	2	
RUS 401	Russian for the Sciences and the Humanities I	2	
CHI 401	Chinese for the Sciences and Humanities I	2	2
			<hr/> 19

#### Second Semester

CODE	TITLE		UNITS
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#### Major Courses

SPA 412	Applied Linguistics II		2
SPA 434	Contemporary Spanish Literature		3
SPA 436	African Literature in Spanish Fiction		2
SPA 442	Advanced Translation II		3

SPA 454	World Literature in Translation	2	
SPA 462	Advanced oral Spanish	2	
SPA 492	Project in Spanish	4	
<b>Electives: Choose one Course</b>			
FRE 402	French for the Sciences and the Humanities II	2	
GER 402	German for the Sciences and the Humanities II	2	
RUS 402	Russian for the Sciences and the Humanities II	2	
CHI 402	Chinese for the Sciences and Humanities II	2	2
			<hr/> 20

**Four-Year Standard Degree Programme in Chinese****First Year****First Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
CHI 111	Chinese Grammar I		3
CHI 121	Introduction to Composition in Chinese I		2
CHI 131	Readings in Chinese I		2
CHI 161	Oral Chinese I		3
<b>Required Ancillary Courses</b>			
GSP 101	The Use of English I		2
GSP 105	Natural Science I		2
COS 101	Introduction to Computer Science		2
GSP 111	Use of Library		2
<b>Electives: Choose one Course</b>			
FRE 101	Elementary French I	2	
GER 101	Elementary German I	2	
RUS 101	Elementary Russian I	2	
SPA 101	Elementary Spanish I	2	2
			<hr/> 20

**Second Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
CHI 112	Chinese Grammar II		3
CHI 122	Introduction to Composition in Chinese II		2
CHI 132	Readings in Chinese II		2
CHI 162	Chinese Phonetics		2
CHI 164	Oral Chinese II		3
<b>Required Ancillary Courses</b>			
GSP 102	The Use of English II		2
GSP 106	Natural Science II		2
COS 304	Computer Application		2
<b>Electives: Choose one Course</b>			
FRE 102	Elementary French II	2	
GER 102	Elementary German II	2	
RUS 102	Elementary Russian II	2	
SPA 102	Elementary Spanish II	2	2
			<hr/> 20

**Second Year****First Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
CHI 211	Chinese Grammatical Structures		3
CHI 221	Comprehension and Stylistics I		3
CHI 231	Chinese Literatures in Perspective I.		3
CHI 233	World Literature in Chinese		3
CHI 261	Oral Expression and Comprehension in Chinese		3
<b>Required Ancillary Courses</b>			
GSP 201	Issues in Peace and Conflict Studies I		2
CED 341	Business Development and Growth I		2
<b>Electives: Choose one Course</b>			

FRE 201	Intermediate French I	2	
GER 201	Intermediate German I	2	
RUS 201	Intermediate Russian I	2	
SPA 201	Intermediate Spanish I	2	2
			<hr/> 21

**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

CHI 212	Chinese Grammatical Structures II		3
CHI 222	Comprehension and Stylistics II		3
CHI 234	Chinese Literature in Perspective II		3
CHI 252	Culture and Civilization of Chinese-speaking Countries outside China		2
CHI 254	Chinese Club		2
CHI 262	Chinese Phonetics and Phonology		2

**Required Ancillary Courses**

GSP 202	Issues in Peace and Conflict Studies II		2
CED 342	Business Development and Growth II		2

**Electives: Choose one Course**

FRE 202	Intermediate French II	2	
GER 202	Intermediate German II	2	
RUS 202	Intermediate Russian II	2	
SPA 202	Intermediate Spanish II	2	2
			<hr/> 21

**THIRD YEAR****First Semester**

CODE	TITLE		UNITS
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**Major Courses**

CHI 311	Advanced Studies in Chinese Grammar I		3
CHI 331	African literature in Chinese		2
CHI 333	Introduction to Chinese Prose		2
CHI 341	Introduction to Translation I		2
CHI 351	Culture and Civilization of Chinese people		2
CHI 361	Advanced Studies in Chinese Phonetics		2
CHI 363	Communicative Skills I		2

**Electives: Choose one Course**

FRE 301	Advanced French I	2	
GER 301	Advanced German I	2	
RUS 301	Advanced Russian I	2	
SPA 301	Advanced Spanish I	2	2
			<hr/> 17

**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

CHI 312	Advanced Studies in Chinese Grammar II		3
CHI 332	Essay Writing in Chinese		2
CHI 334	Chinese Literature of the 18 <sup>th</sup> Century		2
CHI 336	Literature and Philosophy		2
CHI 342	Introduction to Translation II		2
CHI 364	Communicative Skills II		2

**Electives: Choose one Course**

FRE 302	Advanced French II	2	
GER 302	Advanced German II	2	
RUS 302	Advanced Russian II	2	
SPA 302	Advanced Spanish II	2	2
			<hr/> 15

**Fourth Year****First Semester**

CODE	TITLE		UNITS
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**Major Courses**

CHI 411	Applied Linguistics I	2	
CHI 421	Essay writing in Chinese	2	
CHI 431	19 <sup>th</sup> Century Chinese Literature	2	
CHI 433	Literature of Chinesespeaking Countries outside China	2	
CHI 435	Early Chinese Poetry and theatre	2	
CHI 437	Literary Criticism in Chinese	2	
CHI 441	Advanced Translation I	3	
CHI 481	Research methods	2	
<b>Electives: Choose one Course</b>			
FRE 401	French for the Sciences and the Humanities I	2	
GER 401	German for the Sciences and the Humanities I	2	
RUS 401	Russian for the Sciences and the Humanities I	2	
SPA 401	Spanish for the Sciences and Humanities I	2	2
			<hr/> 19

**Second Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
CHI 412	Applied Linguistics II	2	
CHI 434	Contemporary Chinese Literature	3	
CHI 436	Chinese literature outside China	2	
CHI 442	Advanced Translation II	3	
CHI 454	World literature in translation	2	
CHI 462	Advanced oral Chinese	2	
CHI 492	Project in Chinese	4	
<b>Electives: Choose one Course</b>			
FRE 402	French for the Sciences and the Humanities II	2	
GER 402	German for the Sciences and the Humanities II	2	
RUS 402	Russian for the Sciences and the Humanities II	2	
SPA 402	Spanish for the Sciences and Humanities II	2	2
			<hr/> 20

**Four Year Combined Degree Programme, French/German****First Year****First Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
FRE 111	French Grammar I	3	
FRE 121	Introduction to Composition in French I	2	
FRE 161	Oral French I	3	
GER 111	German Grammar I	3	
GER 121	Introduction to Composition in German I	2	
GER 161	Oral German I	3	
<b>Required Ancillary Courses</b>			
GSP 101	The Use of English I	2	
GSP 105	Natural Science I	2	
COS 101	Introduction to Computer Science I	2	
GSP 111	Use of Library	2	
			<hr/> 24

**Second Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
FRE 112	French Grammar II	3	
FRE 122	Introduction to Composition in French II	2	
FRE 164	Oral French II	3	
GER 112	German Grammar II	3	
GER 122	Introduction to Composition in German II	2	
GER 164	Oral German II	3	
<b>Required Ancillary Courses</b>			
GSP 102	The Use of English I	2	
GSP 106	Natural Science II	2	
COS 304	Computer Application	2	

22

**Second Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 211	French Grammatical Structures I	3
FRE 231	French Literature in Perspective I	3
FRE 261	Oral Expression and Comprehension in French	3
GER 211	German Grammatical Structures I	3
GER 231	German Literature in Perspective I	3
GER 261	Oral Expression and Comprehension in German	3

**Required Ancillary Courses**

GSP 201	Issues in Peace and Conflict Studies I	2
CED 341	Business Development and Growth I	2
		22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 212	French Grammatical Structures II	3
FRE 234	French Literature in Perspective II	3
FRE 252	Culture and Civilization of Francophone Africa	2
GER 212	German Grammatical Structures II	3
GER 234	German Literature in Perspective II	3
GER 252	Culture and Civilization of German-speaking Countries outside Germany	2

**Required Ancillary Courses**

GSP 202	Issues in Peace and Conflict Studies II	2
CED 342	Business Development and Growth II	2
		20

**Third Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 311	Advanced Studies in French Grammar I	3
FRE 331	African Literature in French	2
FRE 341	Introduction to Translation I	2
FRE 351	Culture and Civilization of France	2
GER 311	Advanced Studies in German Grammar I	3
GER 331	African Literature in German	2
GER 341	Introduction to Translation I	2
GER 351	Contemporary German Society	2
		18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 312	Advanced Studies in French Grammar II	3
FRE 322	Essay Writing in French	2
FRE 334	French Literature of the 18 <sup>th</sup> Century	2
FRE 342	Introduction to Translation II	2
GER 312	Advanced Studies in German Grammar II	3
GER 322	Essay Writing in German	2
GER 334	German Literature of the 18 <sup>th</sup> Century	2
GER 342	Introduction to Translation II	2
		18

**Fourth Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 421	Advanced Essay Writing in French	2
FRE 431	19 <sup>th</sup> Century French Literature	2

FRE 441	Advanced Translation I	3
GER 421	Advanced Essay Writing in German	2
GER 431	19 <sup>th</sup> Century German Literature	2
GER 441	Advanced Translation I	3
FRE 481/GER481		2
		<hr/> 16

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 434	Contemporary French Literature	3
FRE 442	Advanced Translation II	3
FRE 462	Advanced Oral French	2
GER 434	Contemporary German Literature	3
GER 442	Advanced Translation II	3
GER 462	Advanced Oral German	2
FRE 492/GER 492		4
		<hr/> 20

**French/Russian****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 111	French Grammar I	3
FRE 121	Introduction to Composition in French I	2
FRE 161	Oral French I	3
RUS 111	Russian Grammar I	3
RUS 121	Introduction to Composition in Russian I	2
RUS 161	Oral Russian I	3

**Required Ancillary Courses**

GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
COS 101	Introduction to Computer Science	2
GSP 111	Use of Library	2
		<hr/> 24

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 112	French Grammar II	3
FRE 122	Introduction to Composition in French II	2
FRE 164	Oral French II	3
RUS 112	Russian Grammar II	3
RUS 122	Introduction to Composition in Russian II	2
RUS 164	Oral Russian II	3

**Required Ancillary Courses**

GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
COS 304	Computer Application	2
		<hr/> 22

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 211	French Grammatical Structures I	3
FRE 231	French Literatures in Perspective I	3
FRE 261	Oral Expression and Comprehension in French	3
RUS 211	Russian Grammatical Structures I	3
RUS 231	Russian Literatures in Perspective I	3
RUS 261	Oral Expression and Comprehension in Russian	3

**Required Ancillary Courses**

		<i>Programmes</i>	243
GSP 201	Issues in Peace and Conflict Studies I		2
CED 341	Business Development and Growth I		2
			<hr/> 22
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
FRE 212	French Grammatical Structures II		3
FRE 234	French Literatures in Perspective II		3
FRE 252	Culture and Civilization of Francophone Africa		2
RUS 212	Russian Grammatical Structures II		3
RUS 234	Russian Literatures in Perspective II		3
RUS 252	Culture and Civilization of Russian-speaking Countries outside Russia		2
<b>Required Ancillary Courses</b>			
GSP 202	Issues in Peace and Conflict Studies II		2
CED 342	Business Development and Growth II		2
			<hr/> 20
<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
FRE 311	Advanced Studies in French Grammar I		3
FRE 331	African Literature in French		2
FRE 341	Introduction to Translation I		2
FRE 361	Advanced studies in French Phonetics		2
FRE 363	Communicative Skills I		2
RUS 311	Advanced Studies in Russian Grammar I		3
RUS 333	Introduction to Russian Prose		2
RUS 341	Introduction to Translation I		2
RUS 363	Communicative Skills I		2
			<hr/> 20
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
FRE 312	Advanced Studies in French Grammar II		3
FRE 322	Essay Writing in French		2
FRE 336	Literature and Philosophy		2
FRE 342	Introduction to Translation II		2
FRE 364	Communicative Skills II		2
RUS 312	Advanced Studies in Russian Grammar II		3
RUS 322	Essay Writing in Russian		2
RUS 336	Literature and Philosophy		2
RUS 342	Introduction to Translation II		2
			<hr/> 20
<b>Fourth Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
FRE 421	Advanced Essay writing in French		2
FRE 431	19 <sup>th</sup> Century French Literature		2
FRE 441	Advanced Translation I		3
RUS 421	Advanced Essay writing in Russian		2
RUS 431	19 <sup>th</sup> Century Russian Literature		2
RUS 441	Advanced Translation I		3
FRE 481/RUS 481	Research Methods		2
			<hr/> 16
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
FRE 434	Contemporary French literature		3

FRE 442	Advanced Translation II	3
FRE 454	Francophone Black Africa	2
FRE 462	Advanced oral French	2
RUS 434	Contemporary Russian literature	3
RUS 442	Advanced translation II	3
RUS 462	Advanced oral Russian	2
FRE 492/RUS 492	Project in French or Russian	4
		<hr/> 22

**French/Spanish****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 111	French Grammar I	3
FRE 121	Introduction to Composition in French I	2
FRE 161	Oral French I	3
SPA 111	Spanish Grammar I	3
SPA 121	Introduction to Composition in Spanish I	2
SPA 161	Oral Spanish I	3

**Required Ancillary Courses**

GSP 101	The Use of English I	2
COS 101	Introduction to Computer Science	2
GSP 111	Use of Library	2
GSP 105	Natural Science I	2
		<hr/> 24

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 112	French Grammar II	3
FRE 122	Introduction to Composition in French II	2
FRE 164	Oral French II	3
SPA 112	Spanish Grammar II	3
SPA 122	Introduction to Composition in Spanish II	2
SPA 164	Oral Spanish II	3

**Required Ancillary Courses**

GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
COS 304	Computer Application	2
		<hr/> 22

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 211	French Grammatical Structures I	3
FRE 231	French Literatures in Perspective I	3
FRE 261	Oral Expression and Comprehension in French	3
SPA 211	Spanish Grammatical Structures I	3
SPA 231	Spanish Literature in Perspective I	3
SPA 261	Oral Expression and Comprehension in Spanish	3

**Required Ancillary Courses**

GSP 201	Issues in Peace and Conflict Studies I	2
CED 341	Business Development and Growth I	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 212	French Grammatical Structures	3
FRE 234	Comprehension and Stylistics II	3
FRE 252	Culture and Civilization of Francophone Africa	2



SPA 212	Spanish Grammatical structures II	3
SPA 234	Spanish literature in perspective II	3
SPA 252	Culture and Civilization of Hispanic Africa	2
<b>Required Ancillary Courses</b>		
GSP 202	Issues in Peace and Conflict Studies II	2
CED 342	Business Development and Growth II	2
		20
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FRE 311	Advanced studies in French Grammar I	3
FRE 331	African literature in French	2
FRE 361	Advanced studies in French Phonetics	2
FRE 363	Communicative Skills I	2
SPA 311	Advanced studies in Spanish Grammar I	3
SPA 331	Advanced studies in Spanish	2
SPA 361	Advanced Studies in Spanish Phonetics	2
SPA 363	Communicative Skills I	2
		18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FRE 312	Advanced studies in French Grammar II	3
FRE 322	Essay Writing in French	2
FRE 336	Literature and philosophy	2
FRE 342	Introduction to Translation II	2
FRE 364	Communicative Skills II	2
SPA 312	Advanced studies in Spanish Grammar II	3
SPA 322	Essay Writing in Spanish	2
SPA 336	Literature and Philosophy	2
SPA 342	Introduction to Translation II	2
SPA 364	Communicative Skills II	2
		22
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FRE 421	Advanced Essay writing in French	2
FRE 431	19 <sup>th</sup> Century French literature	2
FRE 441	Advanced Translation I	3
SPA 421	Advanced Essay writing in Spanish	2
SPA 431	19 <sup>th</sup> Century Spanish literature	2
SPA 441	Advanced Translation I	3
FRE 481/SPA 481	Research Methods	2
		16
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FRE 434	Contemporary French literature	3
FRE 442	Advanced translation II	3
FRE 462	Advanced oral French	2
SPA 434	Contemporary Spanish literature	3
SPA 442	Advanced Translation II	3
SPA 462	Advanced oral Spanish	2
FRE 492/SPA 492	Project in French or Spanish	4
		20
<b>French/Chinese</b>		
<b>First Year</b>		

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 111	French Grammar I	3
FRE 121	Introduction to Composition in French I	2
FRE 161	Oral French I	3
CHI 111	Chinese Grammar I	3
CHI 121	Introduction to Composition in Chinese I	2
CHI 161	Oral Chinese I	3

**Required Ancillary Courses**

GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
COS 101	Introduction to Computer Science I	2
GSP 111	Use of Library	2
		<hr/> 24

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 112	French Grammar II	3
FRE 122	Introduction to Composition in French II	2
FRE 164	Oral French II	3
CHI 112	Chinese Grammar II	3
CHI 122	Introduction to Composition in Chinese II	2
CHI 164	Oral Chinese II	3

**Required Ancillary Courses**

GSP 102	The Use of English I	2
GSP 106	Natural Science II	2
COS 304	Computer Application	2
		<hr/> 22

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 211	French Grammatical Structures I	3
FRE 231	French Literature in Perspective I	3
FRE 261	Oral Expression and Comprehension in French	3
CHI 211	Chinese Grammatical Structures I	3
CHI 231	Chinese Literature in Perspective I	3
CHI 261	Oral Expression and Comprehension in Chinese	3

**Required Ancillary Courses**

GSP 201	Issues in Peace and Conflict Studies I	2
CED 341	Business Development and Growth I	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 212	French Grammatical Structures II	3
FRE 234	French Literature in Perspective II	3
FRE 252	Culture and Civilization of Francophone Africa	2
CHI 212	Chinese Grammatical Structures II	3
CHI234	Chinese Literature in Perspective II	3
CHI 252	Culture and Civilization of Chinese-speaking Countries outside China	2

**Required Ancillary Courses**

GSP 202	Issues in Peace and Conflict Studies II	2
CED 342	Business Development and Growth II	2
		<hr/> 20

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 311	Advanced Studies in French Grammar I	3
FRE 331	African Literature in French	2
FRE 341	Introduction to Translation I	2
FRE 351	Culture and Civilization of France	2
CHI 311	Advanced Studies in Chinese Grammar I	3
CHI 331	African Literature in Chinese	2
CHI 341	Introduction to Translation I	2
CHI 351	Culture and Civilization of Chinese people	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 312	Advanced Studies in French Grammar II	3
FRE 322	Essay Writing in French	2
FRE 334	French Literature of the 18 <sup>th</sup> Century	2
FRE 342	Introduction to Translation II	2
CHI 312	Advanced Studies in Chinese Grammar II	3
CHI 322	Essay Writing in Chinese	2
CHI 334	Chinese Literature of the 18 <sup>th</sup> Century	2
CHI 342	Introduction to Translation II	2
		<hr/> 18

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 421	Advanced Essay Writing in French	2
FRE 431	19 <sup>th</sup> Century French Literature	2
FRE 441	Advanced Translation I	3
CHI 421	Advanced Essay Writing in Chinese	2
CHI 431	19 <sup>th</sup> Century Chinese Literature	2
CHI 441	Advanced Translation I	3
FRE 481/CHI 481		2
		<hr/> 16

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 434	Contemporary French Literature	3
FRE 442	Advanced Translation II	3
FRE 462	Advanced Oral French	2
CHI 434	Contemporary Chinese Literature	3
CHI 442	Advanced Translation II	3
CHI 462	Advanced Oral Chinese	2
FRE 492/CHI 492	Project in French or Chinese	4
		<hr/> 20

**Three-Year Degree Programme in French****Entry requirement**

- i. NCE with a minimum of twomerit level passes in relevant subjects as well as the university entry requirement.
- ii. Two passes at GCE Advanced Level (A/L) or its equivalent.
- iii. Two passes at the HSC certificate in the relevant subjects or an acceptable Baccalauréat certificate.

**First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FRE 211	French Grammatical structures	3
FRE 221	Comprehension and Stylistics I	3
FRE 231	French Literatures in Perspective I.	3
FRE 233	World Literature in French	3

FRE 261	Oral Expression and Comprehension in French		3
<b>Required Ancillary Courses</b>			
GSP 105	Natural Science I		2
GSP 111	Use of Library		2
GSP 201	Issues in Peace and Conflict Studies I		2
<b>Electives: Choose one Course</b>			
GER 201	Intermediate German I	2	
RUS 201	Intermediate Russian I	2	2
			<hr/> 23
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
FRE 212	French Grammatical structures II		3
FRE 222	Comprehension and Stylistics II		3
FRE 234	French Literature in Perspective II		3
FRE 252	Culture and Civilization of Francophone Africa		2
FRE 254	French Club		2
FRE 262	French Phonetics and Phonology		2
<b>Required Ancillary Courses</b>			
GSP 106	Natural Science II		2
GSP 202	Issues in Peace and Conflict Studies II		2
<b>Electives: Choose one Course</b>			
GER 202	Intermediate German II	2	
RUS 202	Intermediate Russian II	2	2
			<hr/> 21
<b>Second Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
FRE 311	Advanced Studies in French Grammar I		3
FRE 331	African Literature in French		2
FRE 333	Introduction to French Prose		2
FRE 341	Introduction to Translation I		2
FRE 351	Culture and Civilization of France		2
FRE 361	Advanced Studies in French Phonetics		2
FRE 363	Communicative Skills I		2
<b>Electives: Choose one Course</b>			
Ger 301	Advanced German I	2	
RUS 301	Advanced Russian I	2	2
			<hr/> 17
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
FRE 312	Advanced studies in French Grammar II		3
FRE 322	Essay Writing in French		2
FRE 334	French literature of the 18 <sup>th</sup> Century		2
FRE 336	Literature and Philosophy		2
FRE 342	Introduction to Translation II		2
FRE 364	Communicative Skills II		2
<b>Electives: Choose one Course</b>			
GER 302	Advanced German II	2	
RUS 302	Advanced Russian II	2	2
			<hr/> 15
<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
FRE 411	Applied Linguistics I		2
FRE 421	Essay writing in French		2

FRE 431	19 <sup>th</sup> Century French Literature	2	
FRE 433	Caribbean Francophone Literature	2	
FRE 435	African Literature in French Poetry and Theatre	2	
FRE 437	Literary Criticism in French	2	
FRE 441	Advanced Translation I	3	
FRE 481	Research methods	2	
<b>Electives: Choose one Course</b>			
GER 401	German for the Sciences and the Humanities I	2	
RUS 401	Russian for the Sciences and the Humanities I	2	2
			19

**Second Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
FRE 412	Applied Linguistics II	2	
FRE 434	Contemporary French Literature	3	
FRE 436	Francophone African Literature	2	
FRE 442	Advanced Translation II	3	
FRE 454	World Literature in Translation	2	
FRE 462	Advanced oral French	2	
FRE 492	Project in French	4	
<b>Electives: Choose one Course</b>			
GER 402	German for the Sciences and the Humanities II	2	
RUS 402	Russian for the Sciences and the Humanities II	2	2
			20

**Department of History and International Studies**

**Staff**

A.N. Akwanya (Rev. Fr), B.D. (Rome), B.A., M.A., Ph.D. (Ireland), FNAL	Professor
U. C. Anyanwu, B.A. (Ed), M.A., Ph.D. (Nigeria)	Professor
P.O. Obi-Ani, B.A., M.A., Ph.D. (Nigeria)	Professor
E.N.N. Uchendu, B.A., M.A., Ph.D. (Nigeria)	Professor
C. Korieh, B.A. (Nigeria) M.A.,M.A., M.Phil., Ph.D. (Toronto)	Professor
V. Ukaogo, B.A., M.I.L.D., M.Phil., Ph.D. (Lagos)	Professor
F.J. Oloidi, B.A., PGDE., MPA., M.A., Ph.D. (Nigeria)	Senior Lecturer
C.C. Opata, B.A., M.A., Ph.D. (Nigeria)	Senior Lecturer
A.A. Apeh, B.A., M.A., Ph.D. (Nigeria)	Senior Lecturer
U. Okonkwo, B.A. (Imo), PGDE, M.A., Ph.D. (Lagos)	Lecturer I
C.C. Opata, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
A.A. Apeh, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
C.M. Amaechi, B.A., M.A., Ph.D. (Nigeria), M.S. (Ibadan) PGD (Imo State).	Lecturer I
N.C. Ihediwa, B.A., M.A. (Nigeria)	Lecturer I
C.I. Madukwe, B.A. (Calabar), M.A. (Nigeria)	Lecturer I
N. C. Ajaebili B.A., M.A. (Calabar), Diploma (St. Barthelemy), Ph.D. (Calabar)	Lecturer I
N.A. Obi-Ani, B.A., M.A. (Nigeria), Ph.D. (Awka)	Lecturer I
O.U. Muoh, B.A. (Nigeria), M.A. (Windsor)	Lecturer I
B.C. Alozie, B.A., M.A. (Nigeria)	Lecturer II
E.T. Eyeh, B.A. (Nigeria), M.A., NDA. (Kaduna) Ph.D. (Nigeria)	Lecturer II
J.O. Eze, B.A. (Calabar), M.A., Ph.D. (Nigeria)	Lecturer II
V. Nwashindu, B.A. (Nigeria), M.A. (Awka)	Lecturer II
C.E. Abuba, B.A., M.A., (Nigeria)	Lecturer II
H. U. Obasuyi, B.A., M.A. (Nigeria)	Assistant Lecturer
S. O. Odo, B.A. (Nigeria), PGDE (NOUN), M.A. (Nigeria)	Assistant Lecturer
V. Akalonu, B.A. (Ibadan), M.A. (Imo)	Assistant Lecturer
P. E. Ozioko, B. A., M.A. (Nigeria)	Assistant Lecturer
C.O. Obia, B.A. (Nigeria), M.A. (Ibadan)	Assistant Lecturer
O. Obioma, B.A. (Nigeria)	Graduate Assistant
O. Ikem, B.A. (Nigeria)	Graduate Assistant
M.C. Isiani, B. A. (Nigeria)	Graduate Assistant
A.C. Egbe, B.A., (Awka)	Assistant Tutor

C. C. Igwe, B.A. (Abakaliki)	Higher Technical II
C.P. Enworu, B. A. (Abakaliki), PGDE. (Zaria)	Higher Technical II
I.C. Nweke, B.A. (Nigeria)	Higher Technical II
K.C. Mary, B.A. (Nigeria)	Higher Technical II
E.O. Obijiofor, B.A. (Nigeria), PGDE (Open University)	Higher Technical II
J. O. Eke, NCE, B.A. (Ed.), PGD. (Nigeria)	Secretary

### **Brief History**

The Department offers a four-year B.A. Honours degree programme in History and International Studies for students admitted by entrance examination, and a three-year B.A Honours degree programme for students admitted by direct entry. In this programme International Studies means aspects of world politics and economy. The Department also offers a B.A. degree programme which combines History and International Studies with one of the following, Archaeology, Education, English, Library Science and Information Technology and Religion.

### **Philosophy**

The programme hinges on (i) the fact that the world has become a global village making the component parts increasingly inter-dependent or inter-related and (ii) the knowledge that a meaningful history course must emphasize the events and trends of the past which are relevant to the current problems, needs and aspirations of the immediate and the wider world.

### **Objectives**

The objective of the programme is to give students a broad and firm grounding in History and International Studies in general in the best traditions of the discipline. The programme is expected to acquaint the students with the past and current events which have impact and are impacting significantly on mankind.

### **Scope**

The programme covers the political, economic, social, cultural and religious aspects of African History in particular and the wider world in general. Courses in International Relations are also studied. The programme adopts a concentric approach with Nigeria as the epicenter. Courses on African Historical experiences and relations with those of the world beyond are also included. This is to enable the students not only to compare and contrast African historical experiences with those of the world beyond but also to understand the dynamics of the constantly changing relationship between Africa and other continents.

### **Entry Requirements**

Four-year degree programme

For admission into the four-year degree programme, a candidate must possess the West African School Certificate or the Nigerian Examinations Council Certificate or the General Certificate of Education at the Ordinary Level or the Senior Secondary School Certificate with credit passes in at least five subjects [scores 1-6], including History or Government and the English Language.

### **Direct Entry**

To qualify for direct entry into the three-year degree programme, a candidate must obtain a good pass at the Diploma, NCE, GCE (Advanced Level) in History and at least one of the following subjects: Economics, Government, English, Literature, Geography, or any other related subjects.

### **Job Opportunities**

The programme are designed to equip students for careers in education (teaching and research), administration and external affairs; immigration, customs, police and prison services, information, public relations, personnel management and labour relations, archival and museum services, cultural affairs, library services, politics, advertising, banking and related professions.

### **Stress Areas**

General themes	0
Nigeria	1
Africa	2
Europe (including Russia)	3
The Americans and the Caribbean	4
Near and Far East	5

## Methodology and Project

6

**Four-Year Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS	
<b>Major Courses</b>			
HIS 101	Introduction to History	2	
HIS 103	Introduction to International Studies	2	
HIS 111	Nigeria up to 1900	3	
HIS 121	Africa, 1500 to 1800	3	
HIS 131	Europe to the French Revolution	3	
<b>Required Ancillary Courses</b>			
ACH 101	Fundamentals of Archaeology	2	
<b>General Studies Courses</b>			
GSP 101	The Use of English I	2	
GSP 103	Social Science I	2	
<b>Electives: Chooses one Course</b>			
POL 101	Introduction to Political Science I	2	
M C 101	Introduction to Mass Communication I	2	2
			21

**Second Semester**

CODE	TITLE	UNITS	
<b>Major Courses</b>			
HIS 102	Introduction to Economic History	2	
HIS 104	Evolution of International System since 1915	2	
HIS 122	History of West Africa since 1500	2	
HIS 124	Religion in West Africa	3	
HIS 126	North Africa from Earliest Times to the Arab Conquest	2	
HIS 132	Europe from the French Revolution to the Second World War	2	
HIS 144	Blacks in Diaspora	2	
<b>General Studies Courses</b>			
GSP 102	The Use of English II	2	
GSP 104	Social Science II	2	
<b>Electives: Chooses one Course</b>			
POL 102	Introduction to Political Science II	2	
M C 102	Introduction to Mass Communication II	2	2
			21

**Second Year****First Semester**

CODE	TITLE	UNITS	
<b>Major Courses</b>			
HIS 213	Diplomatic History of Nigeria since 1960	2	
HIS 221	Southern Africa since 1400	2	
HIS 223	East and Central Africa since 1000AD	2	
HIS 231	Russia, 1800 to 1917	2	
HIS 223	Europe from the Second World War to the Present	2	
HIS 251	South East Asia since the 19 <sup>th</sup> Century	2	
<b>Choose one Language Course</b>			
FRE 101	Elementary French I	2	
GER 101	Elementary German I	2	
RUS 101	Elementary Russian I	2	2
<b>General Studies Courses</b>			
GSP 105	Natural Science I	2	
GSP 201	Peace and Conflict Resolution Studies I	2	
<b>Electives: Choose one Course</b>			
HIS 205	Comparative World Revolutions since 1900	2	2
POL 231	Principles of Public Administration	2	
			20

**Second Semester**

CODE	TITLE	UNITS	
<b>Major Courses</b>			
<b>Major Courses</b>			
HIS 206	Political Thought		3
HIS 222	Africa and European Imperialism in the 19th and 29th Centuries		2
HIS 224	Economic History of West Africa to the 20 <sup>th</sup> Century		2
HIS 226	African Women in History		2
HIS 242	Latin American since the 15ht Century		2
HIS 244	U. S. A., 1607 to 1865		3
<b>Choose one Language Course</b>			
FRE 102	Elementary French II	2	
GER 102	Elementary German II	2	
RUS 102	Elementary Russian II	2	2
<b>General Studies Courses</b>			
GSP 106	Natural Science II		2
GSP 202	Peace and Conflict Resolution Studies II		2
<b>Electives: Choose one Course</b>			
POL 241	Fundamental of Political Economy	3	
POL 251	Political Ideas	2	2or3
			<u>22/23</u>
<b>Thurd Year</b>			
<b>First Semester</b>			
CODE	TITLE	UNITS	
<b>Major Courses</b>			
HIS 301	Comparative Industrial Growth in the USA, Russia, Japan, China and Britain		3
HIS 311	Nigeria, 1900 to 1960		3
HIS 321	Africa and the Wider World in the 20 <sup>th</sup> Century		2
HIS 343	U. S. A. since 1865		3
HIS 361	Historiography		3
<b>Required Ancillary Courses</b>			
COS 101	Introduction to Computer Science		2
CDR 341	Entrepreneurial Development and Research		2
<b>Choose one Language Course</b>			
FRE 201	Intermediate French 1	2	
GER 201	Intermediate German 1	2	
RUS 201	Intermediate Russian 1	2	2
			<u>20</u>
<b>Second Semester</b>			
CODE	TITLE	UNITS	
<b>Major Courses</b>			
HIS 302	Issues in International Relations I		2
HIS 322	Problems and Prospects of Regional Economic Development in Africa		3
HIS 332	Russia since 1917		3
HIS 352	Japan from Tokugawa to the Meiji Restoration		3
<b>Choose one Language Course</b>			
FRE 202	Intermediate French II	2	
GER 202	Intermediate German II	2	
RUS 202	Intermediate Russian II	2	2
<b>Required Ancillary Courses</b>			
COS 304	Computer in Sectoral Application		3
CDR 342	Entrepreneurial Development and Research		2
<b>Electives: Choose one Course</b>			
POL 321	Theories of International Relations	3	3
POL 322	Politics of International Economic Relations	3	
			<u>21</u>
<b>Fourth Year</b>			
<b>First Semester</b>			
CODE	TITLE	UNITS	



**Major Courses**

HIS 401	Development of Parliamentary/Presidential Systems (Britain, France, India and USA)	3
HIS 403	History of Science and Technology	3
HIS 411	Nigeria since 1960	2
HIS 413	Economic History of Nigeria since 1800	2
HIS 415	Igboland to the Present	3
HIS 451	Contemporary Middle East	2
		<hr/> 15

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 402	Issues in International Relations II	2
HIS 404	Philosophy of History	3
HIS 406	Conflict, War and Peace since 1900	2
HIS 408	International/Continental Organizations (Commonwealth, OAU/AU, Arab League, ASEAN, EU, OAS	3
HIS 422	Africa since 1800	3
HIS 462	Project	4
		<hr/> 17

**History and International Studies****Standard Three-Year Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 213	Diplomatic History of Nigeria since 1960	2
HIS 221	Southern Africa since 1400	2
HIS 223	East and Central Africa since 1000AD	2
HIS 231	Russia, 1800 to 1917	2
HIS 233	Europe from the Second World War to the Present	2
HIS 251	South East Asia since the 19 <sup>th</sup> Century	2
<b>Choose one Language Course</b>		
FRE 101	Elementary French I	2
GER 101	Elementary German I	2
RUS 101	Elementary Russian I	2
<b>General Studies Courses</b>		
GSP 101	Use of English I	2
GSP 105	Natural Science I	2
GSP 201	Peace and conflict Resolution Studies	2
<b>Electives: Choose one Course</b>		
HIS 205	Comparative World Revolutions	2
POL 231	Principles of Public Administration	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 206	Political Thought	3
HIS 222	Africa and European Imperialism in the 19 <sup>th</sup> and 20 <sup>th</sup> Centuries	2
HIS 224	Economic History of West Africa to the 20 <sup>th</sup> Century	2
HIS 226	African Women in History	2
HIS 242	Latin America since the 15 <sup>th</sup> Century	2
HIS 244	U. S. A., 1607 to 1865	3
<b>Choose one Language Course</b>		
FRE 102	Elementary French II	2
GEM 102	Elementary German II	2
RUS 102	Elementary Russian II	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2

**Electives: Choose one Course**

POL 241	Fundamentals of Political Economy	3	
POL 251	Political Ideas	2	2or3
			<hr/> 20/21

**Second Year****First Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
HIS 301	Comparative Industrial Growth, in the USA, Russia, Japan, China and Britain		3
HIS 311	Nigeria, 1900 to 1960		3
HIS 321	Africa and the Wider World in the 20 <sup>th</sup> Century		2
HIS 343	U. S. A. since 1865		3
HIS 361	Historiography		3
<b>Choose one Language Course</b>			
FRE 201	Intermediate French I	2	
GER 201	Intermediate German I	2	
RUS 201	Intermediate Russian I	2	2
<b>General Studies Courses</b>			
COS 101	Introduction to Computer Science		2
CDR 341	Entrepreneurial Development and Research		2
GSP 105	Natural Science I		2
			<hr/> 22

**Second Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
HIS 302	Issues in International Relations I		2
HIS 322	Problems and Prospects of Regional Economic Development in Africa		3
HIS 332	Russia since 1917		3
HIS 352	Japan from Tokugawa to the Meiji Restoration		3
<b>Choose one Language Course</b>			
FRE 202	Intermediate French II	2	
GER 202	Intermediate German II	2	
RUS 202	Intermediate Russian II	2	2
<b>General Studies Courses</b>			
COS 304	Computer in Sectoral Application		3
CDR 342	Entrepreneurial Development and Research		2
GSP 106	Natural Science II		2
<b>Electives: Choose one Course</b>			
POL 321	Theories of International Relations	3	
POL 322	Politics of International Economic Relations	3	3
			<hr/> 23

**Third Year****First Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
HIS 401	Development of Parliamentary/ Presidential System (Britain, France, India and USA)		3
HIS 403	History of Science and Technology		3
HIS 411	Nigeria since 1960		2
HIS 413	Economic History of Nigeria since 1800		2
HIS 415	Igboland to the Present		3
HIS 451	Contemporary Middle East		2
			<hr/> 15

**Second Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
HIS 402	Issues in International Relations II		2

HIS 404	Philosophy of History	3
HIS 406	Conflict, War and Peace since 1900	2
HIS 408	International/Continental Organizations (Commonwealth, OAU/AU, Arab League, ASEAN, EU, OAS)	3
HIS 422	Africa since 1800	3
HIS 462	Project	4
		17

#### Four-Year Standard Programme

#### History and International Studies/Archaeology

##### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 101	Introduction to History	2
HIS 103	Introduction to International Studies	2
HIS 111	Nigeria up to 1900	3
HIS 121	Africa, 1500 to 1800	3
ACH 101	Fundamentals of Archaeology	2
ACH 121	Foundations of Civilization	2
TRM 101	Introduction to Tourism	2
<b>Required Ancillary Courses</b>		
FAA 121	Basic Photography	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 103	Social Science I	2
		22

##### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 102	Introduction to Economic History	2
HIS 104	Evolution of International System since 1815	2
HIS 132	Europe from the French Revolution to the Second World War	2
ACH 102	Introduction to Archaeological Methods	2
ACH 106	Introduction to Museum Studies	2
TRM 142	Tourism and Development I	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 104	Social Science II	2
		16

##### Second Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 213	Diplomatic History of Nigeria since 1960	2
HIS 221	Southern Africa since 1400 AD	2
HIS 223	East and Central Africa since 1000AD	2
HIS 251	Southeast Asia since the 19 <sup>th</sup> Century	2
ACH 201	Introduction to Ethnographic Research	2
ACH 231	Field Work in Archaeology I	3
ACH 235	Artifacts Studies I	2
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
GSP 201	Peace and Conflict Resolution Studies I	2
		19

##### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 206	2	3
HIS 222	Africa and European Imperialism in the	

	19 <sup>th</sup> and 20 <sup>th</sup> Centuries	2
HIS 224	Economic History of West Africa to the 20 <sup>th</sup> Century	2
ACH 212	Human Evolution	2
ACH 222	Earliest Human Settlements in Africa	2
ACH 234	Basic Display Techniques	2
TRM 202	Tourism Marketing and Shopping	2
<b>General Studies Courses</b>		
GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution Studies II	2
		<hr/> 19

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 311	Nigeria, 1900 to 1960	3
HIS 343	USA since 1865	3
HIS 361	Historiography	3
ACH 323	Foraging and Farming in Africa	2
ACH 331	Field Work in Archaeology II	3
ACH 351	Conservation of objects, Sites and Monuments	2
<b>Required Ancillary Courses</b>		
CS. 101	Introduction to Computer	2
CDR 341	Entrepreneurial Development and Research	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 302	Issues in International Relations I	2
HIS 322	Problems and Prospects of Regional Economic Development in Africa	3
HIS 332	Russia since 1917	3
ACH 308	Archaeology and Information Technology	2
ACH 322	Trade, Urbanisation and State Formation in Africa	2
ACH 332	Artifacts Studies II	2
<b>Required Ancillary Courses</b>		
COS 304	Computer in Sectoral Application	3
CDR 342	Entrepreneurial Development and Research	2
		<hr/> 19

**Fourth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 403	History of Science and Technology	3
HIS 411	Nigeria since 1960	2
HIS 413	Economic History of Nigeria since 1800	2
HIS 415	Igbo land to the Present	3
ACH 421	Archaeology of Nigeria	2
ACH 431	Field Work in Archaeology III	3
ACH 433	Artifact Studies III	2
		<hr/> 17

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 402	Issues in International Relations II	2
HIS 408	International/Continental Organization (Commonwealth, OAU/AU, Arab League, EU, OAS, ASEAN)	3
HIS 422	Africa since 1800	3
HIS 462	Project (History Based)	4
ACH 402	Theory in Archaeology and Interpretation of Data	2
ACH 422	Africa's Indigenous Knowledge of Technology	2

ACH 442	Museum Administration	2
ACH 462	Special Project (Archaeology Bases)	6
		<hr/> 20/22

**Three-Year Standard Programme**

**History and International Studies/Archaeology**

**First Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 213	Diplomatic History of Nigeria since 1960	2
HIS 221	Southern Africa since 1400AD	2
HIS 223	East and Central Africa since 1000AD	2
HIS 251	Southeast Asia since the 19 <sup>th</sup> Century	2
ACH 201	Introduction to Ethnographical Research II	2
ACH 231	Field Work in Archaeology I	3
ACH 235	Artifact Studies I	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
GSP 201	Peace Conflict and Resolution Studies I	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 206	Political Thought	3
HIS 222	African and European Imperialism in the 19 <sup>th</sup> & 20 <sup>th</sup> Centuries	2
HIS 224	Economic History of West Africa to the 20 <sup>th</sup> Century	2
ACH 212	Human Evolution	2
ACH 222	Earliest Human Settlements in Africa	2
ACH 234	Basic Display Techniques	2
TRM 202	Tourism Marketing and Shopping	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution II	2
		<hr/> 21

**Second Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 311	Nigeria, 1900 to 1960	3
HIS 343	USA, since 1865	3
HIS 361	Historiography	3
ACH 323	Foraging and Farming in Africa	2
ACH 331	field Work in Archaeology	3
ACH 351	Conservation of Objects, Sites and monuments	2
<b>Required Ancillary Courses</b>		
COS 101	Introductions to Computer Science	2
CDR 341	Entrepreneurial Development and Research	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 302	Issues in International Relations I	2
HIS 322	Problems and Prospects of Regional Economic Development in Africa	3
HIS 332	Russia since 1917	3
ACH 308	Archaeology and Information Technology	2
ACH 322	Trade, Urbanisation and States Formation in Africa	2
ACH 332	Artifacts Studies	2

**Required Ancillary Courses**

COS 304	Computer in Sectoral Application	3
CDR 342	Entrepreneurial Development and Research	2
		<hr/> 19

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 403	History of Science and Technology	3
HIS 411	Nigeria since 1960	2
HIS 413	Economic History of Nigeria since 1800	2
HIS 415	Igbo land to the Present	3
ACH 421	Archaeology of Nigeria	2
ACH 431	Field Work in Archaeology III	2
ACH 433	Artifact Studies III	2
		<hr/> 16

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 402	Issues in International Relations II	2
HIS 408	International/Continental Organisation (Commonwealth, OAU/AU, Arab League, EU, OAS, ASEAN)	3
HIS 422	Africa since 1800	3
HIS 462	project (History Based)	4
ACH 422	Africa's Indigenous knowledge of technology	2
ACH 442	Museum Administration	2
TRM 421	Case Studies in Nigeria tourism	2
ARCHY	Special Project (Archaeology Based)	6
		<hr/> 20/22

**Four-Year Standard Programme****History and International Studies**

First year

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 101	Introduction to History	2
HIS 103	Introduction to International Studies	2
HIS 111	Nigeria up to 1900	3
HIS 121	Africa, 1500 to 1800	3
ELS 141	Introduction to Fiction	3
ELS 151	Introduction to Poetry	3
<b>General Studies Courses</b>		
GSP 101	The Use English I	2
GSP 103	Social Science I	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 102	Introduction to Economic History	2
HIS 104	Evolution of International System since 1815	2
HIS 132	Europe from the French Revolution to the Second World War	2
ELS 121	Basic English Grammar and Composition	3
ELS 131	Introduction to Drama and Theatre	3
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 105	Social Science II	2
		<hr/> 16

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 213	Diplomatic History of Nigeria since 1960	2
HIS 221	Southern Africa since 1400	2
HIS 223	East and Central Africa since 1000AD	2
HIS 251	Southeast Asia since the 19 <sup>th</sup> Century	2
ELS 111	Introduction to Oral Literature	3
ELS 221	Spoken English	3
ELS 241	English Literature: the Beginnings	3
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
GSP 202	Peace and Conflict Resolution Studies	2
		<hr/> 21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 206	Political thought	3
HIS 222	Africa and European Imperialism in the 19 <sup>th</sup> and 20 <sup>th</sup> Centuries	2
HIS 224	Economic History of West Africa to the 20 <sup>th</sup> Century	2
HIS 244	USA, 1607 to 1865	3
ELS 222	Intermediate English Grammar and Composition	3
ELS 232	Modern Comedy: Moliere-Soyinka	3
<b>General Studies Courses</b>		
GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution Studies II	2
		<hr/> 20
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 311	Nigeria, 1900 to 1960	3
HIS 343	USA since 1865	3
HIS 361	Historiography	3
ELS 344	African Fiction	3
ELS 355	African Poetry	3
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
CDR 341	Entrepreneurial Development and Research I	2
		<hr/> 19
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 302	Issues in International Studies I	2
HIS 322	Problems and prospects of Regional Economic Development in Africa	3
HIS 332	Russia since 1917	3
ELS 336	Africa Drama	3
ELS 342	English Literature: Victorian Period	3
<b>Required Ancillary Courses</b>		
COS 304	Computer in Sectoral Application	3
CDR 342	Entrepreneurial Development and Research II	2
		<hr/> 19
<b>FOURTH YEAR</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 403	History of Science and Technology	3
HIS 411	Nigeria since 1960	2
HIS 413	Economic History of Nigeria since 1800	2
HIS 415	Igboland to the Present	3

ELS 421	Stylistics	3
ELS 445	Caribbean and Commonwealth Literature	3
ELS 452	Studies in Poetry	3
		<hr/> 19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 402	Issues in International Relations II	2
HIS 408	International/Continental Organisations (Commonwealth, OAU/AU, Arab League, EU, OAS, ASEAN)	3
HIS 422	Africa since 18000	3
ELS 433	Studies in Drama	3
ELS 441	Studies in Fiction	3
HIS 462	Project (History Bases)	4
ELS 464	Project (English Bases)	6
		<hr/> 20/22

**Three-Year Standard Programme****History and International Studies/English****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 213	Diplomatic History of Nigeria since 1960	2
HIS 221	Southern Africa since 1400	2
HIS 223	East and Central Africa since 1000AD	2
HIS 251	Southeast Asia since the 19 <sup>th</sup> Century	2
ELS 111	Introduction to oral Literature	3
ELS 221	Spoken English	3
ELS 241	English Literature: The Beginnings	3

**General Studies Courses**

GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
GSP 201	Peace and Conflict Resolution Studies I	2
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 206	Political Thought	3
HIS 222	Africa and European Imperialism in the 19th and 20th Centuries	2
HIS 224	Economic History of West Africa to the 20 <sup>th</sup> Century	2
ELS 222	Intermediate English Grammar and Composition	3
ELS 232	Modern Comedy: Moliere-Soyinka	3

**General Studies Courses**

GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution Studies II	2
		<hr/> 19

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 311	Nigeria, 1900 to 1960	3
HIS 343	USA since 1865	3
HIS 361	Historiography	3
ELS 344	African Fiction	3
ELS 355	African Poetry	3

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	3
CDR 341	Entrepreneurial Development Research I	2



		20
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
HIS 302	Issues in International Relations I	3
HIS 322	Problems and Prospects of Regional Economic Development in Africa	3
HIS 332	Russia since 1917	3
ELS 331	African Drama	3
ELS 342	English Literature: Victorian Period	3
<b>Required Ancillary Courses</b>		
COS 304	Computer in Sectoral application	3
CDR 342	Entrepreneurial Development Research II	2
		20
<b>Third Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
HIS 403	History of Science and Technology	3
HIS 411	Nigeria since 1960	2
HIS 413	Economic History of Nigeria since 1800	2
HIS 415	Igbo land to the Present	3
ELS 421	Stylistics	3
ELS 445	Caribbean and Commonwealth Literature	3
ELS 452	Studies in Poetry	3
		19
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
HIS 402	Issues in International Relations II	18/20
HIS 408	International/Continental Organisations (Commonwealth, OAU/AU, Arab League, EU, OAS, ASEAN)	3
HIS 422	African since 1800	3
ELS 433	Studies in Drama	3
ELS 441	Studies in Fiction	3
HIS 462	Project (History Based)	4
ELS 464	Project (English Based)	6
		18/20
<b>Four-Year Standard Programme</b>		
<b>History and International Studies/Religion</b>		
<b>First Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
HIS 101	Introduction to History	2
HIS 103	Introduction to International Studies	2
HIS 111	Nigeria up to 1900	3
HIS 121	Africa, 1500 to 1800	3
REL 121	Introduction to Biblical Greek I	3
REL 124	The Background of the New Testament	3
REL 151	Introducing African Traditional Religion	3
<b>General Studies Courses</b>		
GSP 101	The use of English I	2
GSP 103	Social Science I	2
		23
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
HIS 102	Introduction to Economic History	2
HIS 104	Evolution of International System since 1915	2

REL 122	Introduction to Biblical Greek II	3
REL 101	Introduction to the Study of Religion	3
HIS 132	Europe from the French Revolution to the Second World War	2
REL 151	Tradition of Jesus	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 104	Social Science II	2
		<hr/> 18
<b>Second Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
HIS 213	Diplomatic History of Nigeria since 1960	2
HIS 221	Southern Africa since 1400	2
HIS 223	East and Central Africa since 1000AD	2
HIS 251	Southeast Asia since the 19 <sup>th</sup> Century	2
REL 212	The People of the Old Testament: Their History	3
REL 231	Christian History and Doctrine I	3
REL 233	Religion Ethics I	3
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
GSP 201	Peace and Conflict Resolution Studies I	2
		<hr/> 21
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
HIS 206	Political Thought	3
HIS 222	African and European Imperialism in the 19th and 20th Centuries	2
HIS 224	Economic History of West Africa to the 20 <sup>th</sup> Century	2
REL 241	History of Islam in West Africa	3
REL 251	African traditional Religion I	3
<b>General Studies Courses</b>		
GSP 106	Natural Science II	2
GSP 202	Peace and conflict Resolution Studies II	2
		<hr/> 17
<b>Third Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
HIS 311	Nigeria, 1900 to 1960	3
HIS 343	USA since 1865	3
HIS 361	Historiography	3
REL 301	Religious Interpretation of Society	3
REL 323	New Testament Text I	3
REL 351	Africa Traditional Religion II	3
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer	2
CDR 341	Entrepreneurial Development Research I	2
		<hr/> 22
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
HIS 302	Issues in International Relations I	3
HIS 322	Problems and Prospects of Regional Economic Development in Africa	3
HIS 332	Russia since 1917	3
REL 322	Earliest Christianity: The Life and Work of St. Paul	3
REL 331	Christian History and Doctrine II	3
REL 333	Religion and Ethics II	3

**Required Ancillary Courses**

COS 304	Computer in Sectoral Application	2
CDR 342	Entrepreneurial Development Research II	2
		<hr/> 22

**Fourth Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 403	History of Science and Technology	3
HIS 411	Nigeria, since 1960	2
HIS 413	Economic History of Nigeria since 1800	2
HIS 415	Igboland to the Present	3
REL 421	The Close of New Testament Era	3
REL 431	Christian History and Doctrine II	3
REL 461	Departmental Seminar	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 402	Issues in International Relations II	3
HIS 408	International Organisations, OAU/AU, Arab League, ASEAN, EU, OAS	3
HIS 422	African since 1800	3
REL 412	Literature of the Old Testament	3
HIS 462	Project (History Based)	4
REL 472	Project (Religion Based)	4
		<hr/> 16

**Four-Year Standard Programme**

**History and International Studies/Library Science**

**First Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 101	Introduction to History	2
HIS 103	Introduction to International Studies	2
HIS 111	Nigeria to 1900	3
LS 101	Library and Society	3

**Required Ancillary Courses**

EDU 101	Introduction to Education	3
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**General Studies Courses**

GSP 101	the Use of English I	2
GSP 103	Social Science I	2
		<hr/> 17

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 102	Introduction to Economic History	2
HIS 104	Evolution of International System since 1815	2
HIS 132	Europe from the French Revolution to the Second World War	2
LS 102	History of Libraries	3
LS 103	Libraries in Education	3

**General Studies Courses**

GSP 102	The Use of English II	2
GSP 104	Social Science II	2
		<hr/> 16

**Second Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 213	Diplomatic History of Nigeria since 1960	2	
HIS 221	Southern Africa since 1400	2	
HIS 223	East and Central Africa since the 19 <sup>th</sup> Century	2	
HIS 251	Southeast Asia since the 19 <sup>th</sup> Century	2	
LS 212	Collection Development	2	
LS 231	Introduction to Reference Sources and Services	2	
<b>Required Ancillary Courses</b>			
EDU 211	Educational Psychology I	2	
<b>General Studies Courses</b>			
GSP 105	Natural Science I	2	
GSP 201	Peace and Conflict Resolution Studies I	2	
<b>Electives: Choose one Course</b>			
ECO 101	Principle of Economics I	2	
SOC 101	Introduction to Sociology I	2	
ELS 104	Introduction to Nigerian Literature I	2	
POL 101	Introduction to Political Science I	2	2
			<hr/> 20
<b>Second Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
HIS 206	Political Thought	3	
HIS 222	Africa and European Imperialism in the 19 <sup>th</sup> and 20 <sup>th</sup> Centuries	2	
HIS 224	Economic History of West Africa to the 20 <sup>th</sup> Century	2	
LS 211	Organization of Knowledge I	3	
LS 241	Introduction to Library Administration	3	
<b>General Studies Courses</b>			
GSP 106	Natural Science II	2	
GSP 202	Peace and Conflict Resolution Studies II	2	
<b>Electives: Choose one Course</b>			
LS 221	Oral Traditions and Cultural Literature	2	
LS 242	Library Work with Children and Youth	2	
LS 243	Library and Information Services to rural Communities	2	2
<b>Electives: Choose one Course</b>			
ECO 102	Principle of Economics II	2	
SOC 102	Introduction to Sociology II	2	
ELS 105	Introduction to Nigerian Literature II	2	
POL 102	Introduction to Political Science II	2	2
			<hr/> 21
<b>Third Year</b>			
<b>First Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
HIS 311	Nigeria, 1900 to 1960	3	
HIS 343	USA since 1865	3	
HIS 361	Historiography	3	
LS 312	Technical Services in Libraries	3	
LS 331	Systematic Bibliography	2	
LS 361	Research Methodology	2	
<b>Required Ancillary Courses</b>			
COS 101	Introduction to Computer Science	2	
CDR 341	Entrepreneurial Development Research I	2	
			<hr/> 20
<b>Second Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
HIS 302	Issues in International Relations I	3	
HIS 322	Problems and Prospects of Regional Economic Development in Africa	3	
HIS 332	Russia since 1917	3	
LS 311	Organization of Knowledge II	3	

		<i>Programmes</i>	265
LS 332	Reference and Information Services	2	
LS 351	Practice Librarianship	3	
<b>Required Ancillary Courses</b>			
COS 304	Computer in Sectoral Application	3	
<b>Electives: Choose one Course</b>			
LS 341	National and Public Libraries	2	
LS 342	Academic and Special Libraries	2	
LS 343	School Libraries and Media Resources Centres	2	
LS 344	Archives Administration and Records Management	2	2
			<hr/> 22
<b>Fourth Year</b>			
<b>First Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
HIS 403	History of Science and Technology	3	
HIS 411	Nigeria since 1960	2	
HIS 413	Economic History of Nigeria since 1800	2	
HIS 415	IgboLand to the Present	3	
LS 421	Literature of African Studies	2	
LS 422	Literature of Humanities and Social Sciences	2	
LS 424	Audio-Visual Librarianship	2	
LS 431	Introduction to Information Science	2	
LS 451	Library Internship	3	
			<hr/> 21
<b>Second Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
HIS 402	Issues in International Relations II	2	
HIS 408	International Organizations (Commonwealth, OAU/AU, Arab League, EU, OAS, ASEAN)	3	
HIS 422	Africa since 1800	3	
LS 401	Contemporary Technology in Libraries	2	
LS 423	Literature of Science and Technology	2	
LS 461	Project	4	
<b>Electives: Choose one Course</b>			
LS 402	Publishing and Book Production	2	
LS 403	History OF Nigerian Libraries	2	
LS 425	Government and Serial Publications	2	
LS 426	Children's Literature	2	
LS 442	Inter-Library Cooperation and Information Networks	2	
LS 443	Library and Information Service Policy	2	2
			<hr/> 18
<b>Three-Year Standard Programme</b>			
<b>History and International Studies/Library Science</b>			
<b>First Year</b>			
<b>First Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
HIS 213	Diplomatic History of Nigeria since 1960	2	
HIS 221	Southern Africa since 1400	2	
HIS 223	East and Central Africa since 1000AD	2	
HIS 251	Southeast Asia since the 19 <sup>th</sup> Century	2	
LS 212	Collection Development	2	
LS 231	Introduction to Reference Sources Services	3	
<b>Required Ancillary Courses</b>			
EDU 211	Educational Psychology	2	
<b>General Studies Courses</b>			
GSP 101	The use of English I	2	
GSP 105	Natural Science I	2	

GSP 202	Peace and Conflict Revolution I	2	
<b>Electives: Choose one Course</b>			
ECO 101	Principles of Economics I	2	
SOC 101	Introduction to Sociology I	2	
ELS 104	Introduction to Nigerian Literature I	2	
POL 101	Introduction to Political Science I	2	2
			23
<hr/>			
<b>Second Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
HIS 206	Political Thought	3	
HIS 222	African and European Imperialism in the 19 <sup>th</sup> and 20 <sup>th</sup> Centuries	2	
HIS 224	Economic History of West Africa to the 20 <sup>th</sup> Century	2	
LS 211	Organization of Knowledge I	3	
LS 241	Introduction to Library Administration	3	
<b>General Studies Courses</b>			
GSP 102	The use of English II	2	
GSP 106	Natural Science II	2	
GSP 202	Peace and Conflict Revolutions II	2	
<b>Electives: Choose one Course</b>			
LS 221	Oral Traditions and Cultural Literature	2	
LS 242	Library Work with Children and youth	2	
LS 243	Library and Information Services to Rural Communities	2	2
<b>AND</b>			
<b>Electives: Choose one Course</b>			
ECO 102	Principles of Economics II	2	
SOC 102	Introduction to Sociology II	2	
ELS 105	Introduction to Nigerian Literature II	2	
POL 102	Introduction to Political Science II	2	2
			23
<hr/>			
<b>Second year</b>			
<b>First Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
HIS 311	Nigeria, 1900 to 1960	3	
HIS 343	USA since 1865	3	
HIS 361	Historiography	3	
LS 312	Technical Services in Libraries	3	
LS 331	Systematic Bibliography	2	
LS 361	Research Methodology	2	
<b>Required Ancillary Courses</b>			
COS 101	Introduction to Computer Science	2	
			18
<hr/>			
<b>Second Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
<b>Major Courses</b>			
HIS 302	Issues in International Relations I	3	
HIS 322	Problems and Prospects of Regional Economic Development in Africa	3	
HIS 332	Russia since 1917	3	
LS 331	Organization of Knowledge II	3	
LS 332	References and Information Services	2	
LS 351	Practice Librarianship	3	
<b>Required Ancillary Courses</b>			
COS 304	Computer in Sectoral Application	3	
<b>Electives: Choose one Course</b>			
LS 341	National and Public Libraries	2	
LS 342	Academic and Special Libraries	2	
LS 343	School Libraries and Media Resources Centres	2	

LS 344	Archives Administration and Records Management	2	2
			<hr/> 22

**Third Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 403	History of Science and Technology	3
HIS 411	Nigeria since 1960	2
HIS 413	Economic History of Nigeria since 1800	2
HIS 415	Igbo land to the Present	3
LS 421	Literature of Africa Studies	2
LS 422	Literature of Humanities and Social Sciences	2
LS 424	Audio-Visual Librarianship	2
LS 431	Introduction to Information Sciences	2
LS 451	Library Internship	3
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 402	Issues in International Relations II	2
HIS 408	International Organizations (Commonwealth, OAU/AU, Arab League, EU, OAS, ASEAN)	3
HIS 422	Africa since 1800	3
LS 401	Contemporary Technology in Libraries	2
LS 423	Literature of Science and Technology	2
LS 462	Project	4
		<hr/> 16

**Four-Year Standard Programme**

**History and International Studies/Education**

**First year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 101	Introduction to History	2
HIS 103	Introduction to International Studies	2
HIS 111	Nigeria up to 1900	3
HIS 121	Africa, 1500 to 1800	3
EDU 101	Introduction to Education	2
EDU 102	History of Education	2
ACH 101	Fundamentals of Archaeology	3

**General Studies Courses**

GSP 101	The Use of English I	2
		<hr/> 19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

**Major Courses**

HIS 102	Introduction to Economic History	2
HIS 104	Evolution of International System since 1815	2
HIS 132	Europe from the French Revolution to the Second World War	2
EDU 201	Philosophy of Education	2
EDU 205	Sociology of Education	2
ACH 103	Introduction to Museum	2

**General Studies Courses**

GSP 102	The use of English II	2
		<hr/> 14

**Second year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 213	Diplomatic History of Nigeria since 1960	2
HIS 221	Southern Africa since 1400	2
HIS 223	East and Central Africa since 1000AD	2
HIS 251	Southeast Asia since the 19 <sup>th</sup> Century	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
ACH 211	Environmental Archaeology	2

**General Studies Courses**

GSP 105	Natural Science I	2
GSP 201	Peace and Conflict Revolution I	2
		<hr/> 19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 206	Political Thought	3
HIS 222	Africa and European Imperialism in the 19th and 20th Centuries	2
HIS 244	Economic History of West Africa to the 20 <sup>th</sup> Century	2
EDU 222	Special Methods	3
EDU 224	Educational Technology	2
ACH 221	Earliest Human Settlement in Africa	2

**General Studies Courses**

GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Revolutions II	2
		<hr/> 18

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 311	Nigeria, 1900 to 1960	3
HIS 343	USA since 1865	3
HIS 361	Historiography	3
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3
ACH 323	Foraging and Farming in Africa	2

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
		<hr/> 19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 302	Issues in International Relations I	3
HIS 322	Problems and Prospects of Regional Economic Development in Africa	3
HIS 332	Russia since 1917	3
EDU 311	Educational Psychology II	2
EDU 321	Curriculum Implementation and Instruction	3
ACH 305	Introduction to Ethno-Archaeology	2

**Required Ancillary Courses**

COS 304	Computer in Sectorial Application	2
		<hr/> 18

**Fourth year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

HIS 403	History of Science and Technology	3
HIS 411	Nigeria since 1960	2
HIS 413	Economic History of Nigeria since 1800	2
HIS 415	IgboLand to the Present	3
EDU 411	Education Psychology III	2



EDU 425	Teaching Practice II	3
ACH 421	Archaeology of Nigeria	2
		17

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 402	Issues in International Relations II	2
HIS 408	International Organizations (Commonwealth, OAU/AU, Arab League, EU, OAS, ASEAN)	3
HIS 422	Africa since 1800	3
EDU 433	Classroom Organization and Management	2
EDU 441	Measurement and Evaluation	2
ACH 422	Africa's Indigenous Knowledge and Technology	2
EDU 452	Project	4
		18

**Three-Year Standard Programme**

**History and International Studies/Education**

**First Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 213	Diplomatic History of Nigeria since 1960	2
HIS 221	Southern Africa since 1400	2
HIS 223	East and Central Africa since 1000AD	2
HIS 251	Southeast Asia since the 19 <sup>th</sup> Century	2
EDU 101	Introduction to Education	3
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
ACH 211	Environmental Archaeology	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
		20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 206	Political Thought	3
HIS 222	Africa and European Imperialism in the 19 <sup>th</sup> and 20 <sup>th</sup> Centuries	2
HIS 244	Economic History of West Africa to the 20 <sup>th</sup> Century	2
EDU 102	History of Education	2
EDU 222	Special Methods	3
EDU 224	Educational Technology	2
ACH 221	Earliest Human Settlement in Africa	2
<b>General Studies Courses</b>		
GSP 102	The use of English II	2
		18

**Third Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HIS 311	Nigeria, 1900 to 1960	3
HIS 343	USA since 1865	3
HIS 361	Historiography	3
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3
ACH 323	Foraging and Farming in Africa	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2

		21
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
HIS 302	Issues in International Relations I	3
HIS 322	Problems and Prospects of Regional Economic Development in Africa	3
HIS 332	Russia since 1917	3
EDU 311	Educational Psychology II	2
EDU 321	Curriculum Implementation and Instruction	3
ACH 305	Introduction to Ethno-Archaeology	2
<b>Required Ancillary Courses</b>		
COS 304	Computer in Sectorial Application	2
GSP 106	Natural Science II	2
		20
<b>Fourth Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
HIS 403	History of Science and Technology	3
HIS 411	Nigeria since 1960	2
HIS 413	Economic History of Nigeria since 1800	2
HIS 415	Igboland to the Present	3
EDU 411	Education Psychology III	2
EDU 425	Teaching Practice II	3
ACH 421	Archaeology of Nigeria	2
		17
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
HIS 402	Issues in International Relations II	2
HIS 408	International Organizations (Commonwealth, OAU/AU, Arab League, OAS, EU, ASEAN)	3
HIS 422	Africa since 1800	3
EDU 433	Classroom Organization and Management	2
EDU 441	Measurement and Evaluation	2
ACH 422	Africa's Indigenous Knowledge and Technology	2
EDU 452	Project	4
		18
<b>Department of Linguistics, Igbo and Other Nigerian Languages</b>		
<b>Staff</b>		
C. I. Ikekeonwu, B.A., (Nig.), M.A. (Manchester), Ph.D. (Nig.)	Professor	
G.I. Nwaozuzu, B.A., M.A., Ph.D. (Nigeria)	Professor	
C. N. Okebalama, B.A., M.A., Ph.D. (Nigeria)	Professor	
R. I. Okorji, B.A., M.A., Ph.D. (Nigeria)	Professor	
B. M. Mbah, B.A., LL.B. (Nigeria), B.L. (Kano), M.A., Ph.D. (Nigeria), PGDE (Jos)	Professor	
C. U. Agbede, B.A., M.A., Ph.D. (Nigeria)	Professor/Head	
J.O. Uguru, B.A., M.P.A., M.A., Ph.D., PGDE (Nigeria)	Reader	
E. E. Mbah, B.A., M.A., Ph.D., PGDE (Nigeria)	Senior Lecturer	
E. S. Ikeokwu, B.A., M.A., Ph.D. (Nigeria), PGDE (Jos)	Senior Lecturer	
G. O. Iloene, B.A., M.A., Ph.D.	Snr. Lecturer	
S.O. Babarinde, B.A., (Ilorin), M.A., Ph.D. (Nigeria)	Senior Lecturer	
C.O. Okeke, B.A., M.A., Ph.D. (Nigeria)	Senior Lecturer	
C. N. Ugwuona, B.A. (Ed), M.A., Ph.D. (Nigeria)	Lecturer I	
M.C. Akaeze, B.A., M.A. (Nigeria)	Lecturer I	
M. O. Ndiribe, B.A., M.A. (Nigeria)	Lecturer II	
B. C. Odii, B.A., M.A. (Nigeria)	Lecturer II	
G.T. Okeke, B.A., M.A. (Nigeria)	Lecturer II	

O.M. Uzoagba, B.A. (Abakiliki), M.A. (Nigeria)	Lecturer II
N.O. Ahamefula, B.A., M.A. (Nigeria)	Lecturer II
D.T. Waya, B.A. (Markudi), M.A. (Nigeria)	Lecturer II
K. F.Obitube, B.A., M.A. (Nigeria)	Lecturer II
P.A. Achadu, B.A., M.A, Ph.D. (Nigeria)	Lecturer II
C. Igbeaku. B.A., M.A, Ph.D. (Nigeria)	Lecturer II
A.N. Eze, B.A., M.A., Ph.D. (Nigeria)	Lecturer II
E.R. Ihedigbo, B.A., M.A., Ph.D. (Nigeria)	Assistant. Lecturer
C.G. Ezika, B.A., M.A. (Nigeria)	Assistant Lecturer
C. N Eze, B.A., M.A. (Nigeria)	Assistant Lecturer
V.O. Aruah, B.A., M.A. (Nigeria)	Assistant Lecturer
P.E. Ugwoke, B.A., M.A. (Nigeria)	Assistant Lecturer
J.N. Okey-Agbo, B.A., M.A. (Nigeria)	Assistant Lecturer
J. I. Nwosu, B.A., M.A. (Awka)	Assistant Lecturer
J.N.Ezesinachi, B.A., PGDE, M.A. (Nigeria)	Assistant Lecturer
O.U.Chukwuneke, B.A., M.A. (Awka)	Assistant Lecturer
M.N.Eze, B.A., M.A. (Nigeria)	Assistant Lecturer
C.C. Ezebube B.A., M.A. (Nigeria)	Graduate Assistant
N. Ukaegbu, B.A., M.A. (Nasarawa)	Graduate Assistant
C. Ikechukwu-Ibe, B.A. (Nigeria)	Graduate Assistant
J.G. Mamah, PGDE, B.A. (Nigeria)	Graduate Assistant
J.U. Eze, B.A. (Nigeria)	Graduate Assistant
B.E. Odeh, B.A. (Nigeria)	Graduate Assistant
M.C. Eze, Dip., B.Ed. (Nigeria)	Senior Data Proc. Officer II
P.O. Agbaraji, B.A., PGDE (Nigeria), M.Ed. (Owerri)	Curator I
L.N. Osinem, NCE, B.Ed., M.A. (Nigeria)	Higher Technical Officer I
A.I.Onyeali, Dip., B.Ed. (Nigeria)	Chief Executive Officer
E.C. Ahazuem, B.A., PGDE (Nigeria)	Technologist II
E.O. Eze, B.A. (Nigeria)	Technical Instructor II
I.N. Nwogu, B.A. (Abia)	Assistant Curator
N.E. Muoneme, B.A. (Nigeria)	Assistant Curator
O.C. Ikeanyi, B.A. (Benin)	Higher Technical Officer II

### Brief History

The Department started as a sub-Department under the Department of Foreign Languages and Literatures in 1974. In 1978, it produced its first set of graduates. In 1981, it gained its autonomy as a full-fledged Department and was until 2005 called the Department of Linguistics and Nigerian Languages. In 2005, the Senate approved a new name for it (as above entitled). The Department has since its inception graduated about 50 doctoral, hundreds of Masters and thousands of bachelor degree candidates who are well placed in the development of the nations.

The Department has progressively designed and redesigned its programmes to meet the challenges of the society. The programme is now expanded to include other Nigerian languages such as Yoruba, Hausa and Ibibio. This means that the Department will have the capacity to produce graduates in these languages. These programmes are designed to suit candidates with School Certificates and General Certificates in Education and those with Certificates in Education and Diplomas in relevant areas as approved by the University Senate. Each of the programmes can therefore be run in three years or four years depending on the qualification of the applicant.

### Philosophy

In keeping with the motto of the University of Nigeria, the philosophy of the Department is to enable man to know and understand himself and his environment through the study of linguistics and language. The discipline exposes the students to the multi-disciplinary and interlocking nature of the human society in their use of language. The programme furnishes the students with a live-long education that they can adapt in infinite ways to their chosen careers in life. It lays emphases on linguistics and the Nigerian Languages.

### Objectives

- a) To expose students to various aspects of the study of Igbo linguistics, Igbo literature and culture with a view to helping them to achieve greater competence and sophistication in their understanding and appreciation of the values inherent in these aspects.
- b) To train them to be able to apply their knowledge for the advancement of their society.
- c) To prepare them for further studies in the discipline and for other relevant careers
- d) To be able to engage in simultaneous broadcasting and translation and interpreting in Igbo
- e) To be efficient Igbo editors and publishers with the skills acquired through the study of the Igbo grammar
- f) To equip students with a sound knowledge of the principles and current theories and practices of linguistics.
- g) To train them to be able to apply the knowledge and skills acquired in solving language related tasks and problems, particularly in their environments.
- h) To prepare them for further studies in teaching, media, speech and hearing remediation and language engineering.
- i) To prepare them for further studies in the discipline and for other relevant careers
- j) To be able to engage in simultaneous broadcasting and translation and interpreting
- k) To be efficient editors and publishers with the skills acquired through linguistics

The programme is designed to effectively combine the objectives of the B.A. Linguistics and all other Nigerian languages and cultures as listed above.

### Scope

The programmes lead to the award of B.A. Igbo Studies, B.A. Linguistics, B.A. Linguistics and Igbo Studies, B.A. Linguistics and Ibibio Studies, B.A. Linguistics and Hausa Studies and Linguistics and Yoruba Studies. For the standard four year programme, the students are first introduced to the general principles and concerns of linguistics before they are introduced into the many areas of specialisation where linguistics is practised theoretically or where it forms the superstructure of the areas of specialisation. Participation of students in field work and laboratory practice is mandatory.

Introductory courses in Linguistics are available as service courses in the first year for students of English, Languages, Mass Communication and other departments which need them.

### Entry Requirements

#### The Department offers two kinds of programme:

The 4-year programme through UTME: Candidates for the 4-year programme in Linguistics, Igbo Studies, Linguistics and Igbo Studies, Linguistics and Ibibio Studies, Linguistics and Hausa, and Linguistics and Yoruba, in addition to the University minimum entry requirements, must obtain a credit pass in English. Candidates for Linguistics must have in addition, a credit pass in Literature in English. Candidates for Igbo Studies or Linguistics and Igbo Studies must obtain a credit pass in Igbo. Candidates for Linguistics and Hausa, Ibibio or Yoruba Studies must obtain a credit pass in English, and Hausa, Ibibio or Yoruba respectively. In special circumstances, candidates with OND may be offered admission for a four year programme in Linguistics, Igbo Studies, Linguistics and Igbo Studies, Linguistics and Hausa Studies, Linguistics and Ibibio Studies or Linguistics and Yoruba Studies

Candidates for the 3-year programme must have obtained passes in relevant Nigerian languages and at least one other subject at HSC, NCE or GCE/A Level or its equivalence.

### Job Opportunities

The programmes are designed to produce the following categories of suitably qualified manpower needed for national development:

- a) Teachers of Igbo, Hausa, Ibibio, Yoruba and Linguistics (with professional teaching qualification)
- b) Translators and Interpreters
- c) Media Practitioners
- d) Creative Writers;
- e) Cultural, Information and Ethnographic officers
- f) Editors and Publishers
- g) Language Planners and Engineers
- h) Lexicographers

### Stress Areas

Language

Literature	1
Publishing & Broadcasting	2
Culture/Folklore	3
Linguistics	4
Sociolinguistics	5
Applied Linguistics/Translation	6
Psycholinguistics	7
History	8
Field Methods/Project	9

# **Four-Year Degree Programme in Linguistics**

First Year

## **First Semester**

### **Major Courses**

CODE	TITLE	UNITS
LIN 101	Introduction to Language & Climate Change I	2
LIN 121	Elements of Linguistics and Publishing I	2
LIN 141	Introduction to Linguistics I	3
LIN 143	Introduction to General Phonetics I	3
LIN 181	History of Linguistics	3

### **Required Ancillary Courses**

ELS 103	Introduction to African Literature	2
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### **General Studies courses**

GSP 101	The Use of English I	2
GSP 111	Introduction to Library Science and Study Skills	2

### **Electives: Choose one Course**

IGB 101	Elementary Igbo I	2	
IBB 101	Elementary Ibibio I	2	
HAU 101	Elementary Hausa I	2	
YOR 101	Elementary Yoruba I	2	
CHI 101	Elementary Chinese I	2	2
FRE 101	Elementary French I	2	
GER 101	Elementary German I	2	
RUS 101	Elementary Russian I	2	
SPA 101	Elementary Spanish I	2	

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## **Second Semester**

### **Major Courses**

CODE	TITLE	UNITS
LIN 102	Introduction to Language & Climate Change II	2
LIN 122	Elements of Linguistics and Publishing II	2
LIN 142	Introduction to Linguistics II	3
LIN 144	Introduction to General Phonetics II	3
LIN 182	Languages of the World	2

### **Required ancillary courses**

ELS 102	Introduction to Nigerian Literature	2
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### **General studies courses**

GSP 102	The Use of English II	2
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### **Electives: Choose one Course**

IGB 102	Elementary Igbo II	2	
IBB 102	Elementary Ibibio II	2	
HAU 102	Elementary Hausa II	2	
YOR 102	Elementary Yoruba II	2	
CHII 102	Elementary Chinese I	2	2
FRE 102	Elementary French II	2	
GER 102	Elementary German II	2	
RUS 102	Elementary Russian II	2	
SPA 102	Elementary Spanish I	2	

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## **Second Year**

**First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 211	Introduction to Literature and Climate Change	2
LIN 241	Introduction to Phonology	2
LIN 243	Phonetics of English and Nigeria Languages	2
LIN 245	Introduction to Morphology	2
LIN 261	Introduction to Translation and Interpreting	2
LIN 281	Writing Systems: Graphic Representations	2

**General studies courses**

GSP 105	Natural Science I	2
GSP 201	The Social Sciences	2

**Electives: Choose one Course**

IGB 201	Intermediate Igbo I	2	
IBB 201	Intermediate Ibibio I	2	
HAU 201	Intermediate Hausa I	2	
YOR 201	Intermediate Yoruba I	2	
CHI 201	Intermediate Chinese I	2	
FRE 201	Intermediate French I	2	
GER 201	Intermediate German I	2	
RUS 201	Intermediate Russian I	2	
SPA 201	Intermediate Spanish I	2	2

**Electives: Choose one Course**

PHL 101	Introduction to Philosophy I	2	
SOC 101	Introduction to Sociology I	2	2or4
MAC 101	Introduction to Mass Communication	4	

18/20**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 212	Literature & Climate Change II	2
LIN 242	Phonemic Analysis	3
LIN 246	Morphology of African Languages	3
LIN 282	Orthography Design	2

**General Studies Courses**

GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution Studies	2

**Electives: Choose one Course**

IGB 202	Intermediate Igbo II	2	
IBB 202	Intermediate Ibibio II	2	
HAU 202	Intermediate Hausa II	2	
YOR 202	Intermediate Yoruba II	2	
CHI 202	Intermediate Chinese II	2	
FRE 202	Intermediate French II	2	
GER 202	Intermediate German II	2	
RUS 202	Intermediate Russian II	2	2
SP 202	Intermediate Spanish II	2	

**Electives: Choose one Course**

PHL 102	Introduction to Philosophy II	2	
SOC 102	Introduction to Sociology II	2	
MAC 112	Writing for the Mass Media	4	2or4

18/20**Third Year****First Semester****Major courses**

CODE	TITLE	UNITS
LIN 333	Introduction to Editing and Publishing	2
LIN 341	Introduction to Syntax	2
LIN 343	Generative Phonology	2
LIN 347	Linguistics and the Study of Literature	2

LIN 361	Survey of Applied Linguistics	2	
LIN 381	Introduction to African Linguistics	2	
<b>Required Ancillary courses</b>			
COS 101	Introduction to Computer Science	2	
CED 341	Introduction to Entrepreneurship	2	
ELS 361	African Fiction	3	
<b>Electives: Choose one Course</b>			
IGB 301	Advanced Igbo I	2	
IBB 301	Advanced Hausa I	2	
HAU 301	Advanced Hausa I	2	
YOR 301	Advanced Yoruba I	2	
CHI 301	Advanced Chinese I	2	
FRE 301	Advanced French I	2	
GER 301	Advanced German I	2	
RUS 301	Advanced Russian I	2	
SPA 301	Advanced Spanish I	2	2
			<hr/> 21

**Second Semester**

**Major courses**

CODE	TITLE		UNITS
LIN 322	Linguistics and Broadcasting		2
LIN 342	Generative Syntax II		2
LIN 352	Introduction to Sociolinguistics		2
LIN 360	Introduction to Translation and Interpreting		2
LIN 362	Error/Contrastive Analysis		2
LIN 390	Field Method and Research Methodology		3

**Required ancillary courses**

COS 304	Computer Applications	3
CED 342	Business Development and Management	
ELS 340	African Drama	

**Electives: Choose one Course**

IGB 302	Advanced Igbo II	2	
IBB 302	Advanced Ibibio II	2	
HAU 302	Advanced Hausa II	2	
YOR 302	Advanced Yoruba II	2	
CHI 302	Advanced Chinese I	2	
FRE 302	Advanced French II	2	
GER 302	Advanced German II	2	
RUS 302	Advanced Russian II	2	
SPA 202	Advanced Spanish II	2	2
			<hr/> 20

**Fourth Year**

**First Semester**

**Major courses**

CODE	TITLE		UNITS
LIN 441	Semantics		3
LIN 453	Dialectology		3
LIN 457	Problems of a Multilingual Nations		3
LIN 461	Computational and Lexicographic Linguistics		3
LIN 481	Historical and Comparative Linguistics		3

**Electives: Choose one Course**

IGB 401	Igbo Metalanguage I	2	
IBB 401	Ibibio Metalanguage I	2	
HAU 401	Hausa Metalanguage I	2	
YOR 401	Yoruba Metalanguage I	2	
FRE 401	French for the Sciences of Humanities I	2	
GER 401	German for the Sciences of Humanities I	2	
RUS 401	Russian for the Sciences of Humanities I	2	
CHI 401	Chinese for the Science and Humanities I	2	

SPA 401	Spanish for the Science and Humanities I	2	2
			<hr/> 17

**Second Semester****Major courses**

CODE	TITLE	UNITS
LIN 442	Topics in Phonology	3
LIN 444	Topics in Syntax	3
LIN 462	Theory and Practice of Translation	3
LIN 470	Psycholinguistics	3
LIN 490	Project	3

**Electives: Choose one Course**

IGB 402	Igbo Metalanguage II	2	
IBB 402	Ibibio Metalanguage II	2	
HAU 402	Hausa Metalanguage II	2	
YOR 402	Yoruba Metalanguage II	2	
CHI 402	Chinese for the Sciences of Humanities II	2	
FRE 402	French for the Sciences of Humanities II	2	
GER 402	German for the Sciences of Humanities II	2	
RUS 402	Russian for the Sciences of Humanities II	2	
SPA 402	Spanish for the Sciences of the Humanities II	2	2
			<hr/> 17

**Three-Year Degree Programme in Linguistics****First Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 101	Introduction to Language & Climate Change I	2
LIN 121	Elements of Linguistics and Publishing I	2
LIN 141	Introduction to Linguistics I	3
LIN 241	Introduction to Phonology	2
LIN 245	Introduction to Morphology	2
LIN 281	Writing Systems: Graphic Representations	2

**Required Ancillary courses**

ELS 103	Introduction to African Literature	2
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**General Studies Courses**

GSP 105	Natural Science I	2
GSP 201	The Social sciences	2

**Electives: Choose one Course**

IGB 201	Intermediate Igbo I	2	
IBB 201	Intermediate Ibibio I	2	
HAU 201	Intermediate Hausa I	2	
YOR 201	Intermediate Yoruba I	2	
CHI 201	Intermediate Chinese I	2	
FRE 201	Intermediate French I	2	
GER 201	Intermediate German I	2	
RUS 201	Intermediate Russian I	2	2
SPA 201	Intermediate Spanish I	2	

**Electives: Choose one Course**

PHL 101	Introduction to Philosophy I	2	
SOC 101	Introduction to Sociology I	2	
MAC 101	Introduction to Mass Communication	4	2or4
			<hr/> 23/25

**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 102	Introduction to Language & Climate Change II	2
LIN 122	Elements of Linguistics and Publishing II	2
LIN 142	Introduction to Linguistics II	3
LIN 246	Morphology of African Languages	2
LIN 282	Orthography Design	2



**Required ancillary courses**

ELS 102	Introduction to Nigerian Literature	2	
GSP 106	Natural Science II	2	
GSP 202	Peace and Conflict Resolution Studies	2	

**Electives: Choose one Course**

IGB 202	Intermediate Igbo II	2	
IBB 202	Intermediate Ibibio II	2	
HAU 202	Intermediate Hausa	2	
YOR 202	Intermediate Yoruba II	2	
CHI 202	Elementary Chinese I	2	
FRE 202	Intermediate French II	2	
GER 202	Intermediate German II	2	
RUS 202	Intermediate Russian II	2	
SPA 202	Elementary Spanish I	2	

**Electives: Choose one Course**

PHL 102	Introduction to Philosophy II	2	
SOC 102	Introduction to Sociology II	2	
M.SC. 112	Writing for the Mass Media	4	2or4
			<u>22/24</u>

**Second Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 323	Introduction to Editing and Publishing	2
LIN 341	Introduction to Syntax	2
LIN 343	General Phonology	2
LIN 347	Linguistics and the Study of Literature	2
LIN 361	Study of Applied Linguistics	3
LIN 381	Introduction to African Linguistics	3

**Required ancillary courses**

COS 105	Introduction to Computer Science	3
CED 341	Introduction to Entrepreneurship	2
ELS 361	African Fiction	3

**Electives: Choose one Course**

IGB 301	Advanced Igbo I	2	
IBB 301	Advanced Ibibio I	2	
HAU 301	Advanced Hausa I	2	
YOR 301	Advanced Yoruba II	2	
CHI 301	Advanced Chinese I	2	
FRE 301	Advanced French I	2	
GER 301	Advanced German I	2	
RUS 301	Advanced Russian I	2	
SPA 301	Advanced Spanish I	2	2
			<u>24</u>

**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 342	Generative Syntax	2
LIN 352	Introduction to Sociolinguistics	2
LIN 322	Linguistics and Broadcasting	2
LIN 362	Error/Contrastive Analysis	2
LIN 360	Introduction to Translation and Interpreting	2
LIN 390	Field Methods and Research Methodology	3

**Required Ancillary Courses**

COS 304	Computer Applications	3
ELS 340	African Drama	3
CED 342	Business Development and Management	2

**Electives: Choose one Course**

IGB 302	Advanced Igbo II	2
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IBB 302	Advanced Ibibio II	2	
HAU 302	Advanced Hausa II	2	
YOR 302	Advanced Yoruba II	2	
CHI 302	Elementary Chinese I	2	
FRE 302	Advanced French II	2	
GER 302	Advanced German II	2	
RUS 302	Advanced Russian II	2	
SPA 302	Elementary Spanish I	2	2
			<hr/> 23

**Third Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 211	Literature & Climate Change I	2
LIN 441	Semantics	3
LIN 451	Problems of a Multilingual Nations	3
LIN 453	Dialectology	3
LIN 461	Computational and Lexicographic Linguistics	3
LIN 481	Historical and Comparative Linguistics	3

**Electives: Choose one Course**

IGB 401	Igbo Metalanguage I	2	
IBB 401	Ibibio Metalanguage I	2	
HAU 401	Hausa Metalanguage I	2	
YOR 401	Yoruba Metalanguage I	2	
CHI 401	Chinese for the Science and Humanities I	2	
FRE 401	French for the Sciences or Humanities I	2	
GER 401	German for the Sciences or Humanities I	2	
RUS 401	Russian for the Sciences or Humanities I	2	
AP 401	Spanish for the Science and Humanities I	2	2
			<hr/> 19

**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 212	Literature and Climate Change II	2
LIN 442	Topics in Phonology	3
LIN 444	Topics in Syntax	3
LIN 462	Theory and Practice of Translation	3
LIN 470	Psycholinguistics	3
LIN 490	Project	3

**Electives: Choose one Course**

IGB 402	Igbo Metalanguage II	2	
IBB 402	Ibibio Metalanguage II	2	
HAU 402	Hausa Metalanguage II	2	
YOR 402	Yoruba Metalanguage II	2	
CHI 402	Chinese for the Sciences or Humanities II	2	
FRE 402	French for the Sciences or Humanities II	2	
<b>GER 402</b>	German for the Sciences or Humanities II	2	
RUS 402	Russian for the Sciences or Humanities II	2	
SPA 402	Spanish for the Sciences or Humanities II	2	2
			<hr/> 19

**Four-Year Degree Programme in Igbo Studies****First Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 101	Introduction to Language & Climate Change I	2
IGB 105	Advanced Composition and Comprehension in Igbo I	2
LIN 121	Elements of Linguistics and Publishing I	2
LIN 141	Introduction to Linguistics I	3
IGB 181	Introduction to the Igbo People and their Language	2

**Required Ancillary Courses**

ELS 103 Introduction to African Literature 2

**General Studies Courses**

GSP 101 The Use of English I 2

GSP 111 Introduction to Library Science and Study Skills 2

**Electives: Choose one Course**

CHI 101 Elementary Chinese I 2

FRE 101 Elementary French II 2

GER 101 Elementary German II 2

RUS 101 Elementary Russian II 2

SPA 101 Elementary Spanish I 2

2

19

**Second Semester**

**Major Courses**

CODE TITLE UNITS

IGB 106 Advanced Comprehension and Composition in Igbo II 2

IGB 182 The History of the Igbo Speaking People and their Neighbours 2

LIN 102 Introduction to Language & Climate Change II 2

LIN 122 Elements of Linguistics and Publishing II 2

LIN 142 Introduction to Linguistics II 3

**Required Ancillary Courses**

ELS 102 Introduction to Nigerian Literature 2

**General Studies Courses**

GSP 102 The Use of English II 2

**Electives: Choose one Course**

CHI 102 Elementary Chinese I 2

FRE 102 Elementary French II 2

GER 102 Elementary German II 2

RUS 102 Elementary Russian II 2

SPA 102 Elementary Spanish I 2

2

17

**Second Year**

**First Semester**

**Major Courses**

CODE TITLE UNITS

IGB 211 Introduction to Igbo Oral Literature 2

IGB 212 Introduction to Igbo Written Literature 2

LIN 211 Literature & Climate Change I 2

LIN 241 Introduction to Phonology 2

LIN 245 Introduction to Morphology 3

**Required Ancillary Courses**

COS 101 Introduction to Computer Science 2

**General Studies Courses**

GSP 105 Natural Science I 2

GSP 201 The Social Sciences 2

**Electives: Choose one Course**

CHI 201 Intermediate Chinese I 2

FRE 201 Intermediate French I 2

GER 201 Intermediate German I 2

RUS 201 Intermediate Russian I 2

SPA 201 Intermediate Spanish I 2

2

19

**Second Semester**

**Major Courses**

CODE TITLE UNITS

IGB 204 Igbo Phonology I 2

IGB 206 Igbo Morphology 2

IGB 208 Syntax I 2

IGB 212 Igbo Written Literature 2

IGB 214	Form of Igbo Prose	2
IGB 230	Elements of Igbo Culture	2
LIN 212	Literature & Climate Change II	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
<b>General Studies Courses</b>		
GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution Studies	2
<b>Electives: Choose one Course</b>		
CHI 202	Intermediate Chinese I	2
FRE 202	Intermediate French II	2
GER 202	Intermediate German II	2
RUS 202	Intermediate Russian II	2
SPA 202	Intermediate Spanish I	2
		22

**Third Year****First Semester****Major Courses**

CODE	TITLE	UNITS
IGB 305	Igbo Dialects	2
IGB 311	Form of Igbo Poetry	2
IGB 313	Form of Igbo Drama	2
IGB 315	Literary Criticism	3
IGB 323	Introduction to Editing and Publishing	2
IGB 331	Aspects of Igbo Culture	2
<b>Required Ancillary Courses</b>		
MUS 141	African Music: Music and Society	2
CED 341	Introduction to Entrepreneurship	2
<b>Electives: Choose one Course</b>		
CHI 301	Advanced Chinese I	2
FRE 301	Advanced French I	2
GER 301	Advanced German I	2
RUS 301	Advanced Russian I	2
SPA 301	Advanced Spanish I	2
		19

**Second Semester****Major Courses**

CODE	TITLE	UNITS
IGB 304	Igbo Phonology II	2
IGB 308	Igbo Syntax II	3
IGB 332	Aspects of Igbo Culture	2
IGB 360	Introduction to Translation and Interpreting	2
LIN 322	Linguistics and Broadcasting	2
LIN 390	Field Methods and Research Methodology	3
<b>Required Ancillary Courses</b>		
CED 342	Business Development and Management	2
<b>Electives: Choose one Course</b>		
CHI 302	Advanced Chinese I	2
FRE 302	Advanced French II	2
GER 302	Advanced German II	2
RUS 302	Advanced Russian II	2
SPA 302	Advanced Spanish I	2
		18

**Fourth Year****First Semester****Major Courses**

CODE	TITLE	UNITS
IGB 403	Topics in Igbo Phonology	3
IGB 405	Contrastive Studies	3
IGB 413	Stylistics	3

		<i>Programmes</i>	281
IGB 431	Topics in Igbo Folklore and Folk life		2
IGB 435	Issues in Igbo Culture and Modernity		2
IGB 437	Igbo Socio-political Institutions		2
IGB 443	Igbo Philosophy		3
			<hr/> 18
<b>Second Semester</b>			
<b>Major Courses</b>			
CODE	TITLE		UNITS
IGB 404	Topics in Igbo Syntax		3
IGB 412	Contemporary Igbo Prose Fiction		3
IGB 416	Contemporary Igbo Poetry		3
IGB 438	Igbo Culture and Globalisation		2
LIN 462	Theory and Practice of Translation		3
LIN 490	Project		3
			<hr/> 17
<b>Three-Year Degree Programme in Igbo Studies</b>			
<b>First Year</b>			
<b>First Semester</b>			
<b>Major Courses</b>			
CODE	TITLE		UNITS
IGB 181	Introduction to the Igbo People and their language		2
IGB 211	Introduction to Igbo Oral Literature		2
LIN 121	Elements of Linguistics and Publishing I		2
LIN 141	Introduction to Linguistics I		3
LIN 241	Introduction to Phonology		2
<b>Required Ancillary Courses</b>			
COS 101	Introduction to Computer Science		2
ELS 103	Introduction to African Literature		2
<b>General Studies Courses</b>			
GSP 101	The Use of English I		2
GSP 105	Natural Science I		2
GSP 201	The Social sciences		2
			<hr/> 21
<b>Second Semester</b>			
<b>Major Courses</b>			
CODE	TITLE		UNITS
IGB 132	The History of the Igbo Speaking People & their Neighbours		2
IGB 204	Igbo Phonology I		2
IGB 208	Igbo Syntax I		2
IGB 212	Introduction to Igbo Written Literature		2
LIN 122	Elements of Linguistics and Publishing II		2
LIN 142	Introduction to Linguistics II		3
<b>Required Ancillary Courses</b>			
ELS 102	Introduction to Nigerian Literature		2
COS 304	Computer Applications		3
<b>General Studies Courses</b>			
GSP102	The Use of English II		2
GSP 106	Natural Science II		2
GSP 202	Peace and Conflict Resolution Studies		2
			<hr/> 24
<b>Second Year</b>			
<b>Second Semester</b>			
<b>Major Courses</b>			
CODE	TITLE		UNITS
IGB 305	Igbo Dialects		3
IGB 311	Forms of Igbo Poetry		2
IGB 313	Introduction to Igbo Drama		2
IGB 315	Literary Criticism		3
IGB 331	Aspects of Igbo Culture I		2

LIN 323	Introduction to Editing and Publishing	2
LIN 347	Linguistics and the Study of Literature	2
LIN 381	Introduction to African Linguistics	2
<b>Required Ancillary Courses</b>		
MUS 141	African Music: Music and Society I	2
CED 341	Introduction to Entrepreneurship	2
		<hr/> 22

**Second Semester****Major Courses**

CODE	TITLE	UNITS
IGB 304	Igbo Phonology II	2
IGB 308	Igbo Syntax II	3
IGB 332	Aspects of Igbo Culture	3
IGB 360	Introduction to Translation and Interpreting	2
LIN 332	Linguistics and Broadcasting	2
LIN 390	Field Methods and Research Methodology	3

**Required Ancillary Courses**

CED 342	Business Development and Management	2
		<hr/> 17

**Third Year****First Semester****Major Courses**

CODE	TITLE	UNITS
IGB 403	Topics in Igbo Phonology	3
IGB 405	Contrastive Studies	3
IGB 413	Igbo Stylistics	3
IGB 431	Igbo Philosophy	2
IGB 433	Topics in Igbo Folklore and Folk life	3
LIN 211	Literature & Climate Change I	2
LIN 461	Computational and Lexicographic Linguistics	3
		<hr/> 19

**Second Semester****Major Courses**

CODE	TITLE	UNITS
IGB 404	Topics in Igbo Syntax	3
IGB 412	Contemporary Igbo Prose Fiction	3
IGB 416	Contemporary Igbo Poetry	3
IGB 418	Contemporary Igbo Drama	3
LIN 212	Literature & Climate Change II	2
LIN 462	Theory and Practice of Translation	3
LIN 490	Project	3
		<hr/> 20

**Four-Year Degree Programme in Linguistics/ Igbo Studies****First Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 101	Introduction to Language & Climate Change I	2
LIN 121	Elements of Linguistics and Publishing I	2
LIN 141	Introduction to Linguistics I	3
LIN 143	Introduction to General Phonetics I	3
IGB 105	Advanced Composition and Comprehension in Igbo I	2
IGB 181	Introduction to the Igbo People and their Language	2

**Required Ancillary Courses****General Studies Courses**

GSP 101	The Use of English I	2
GSP 111	Introduction to Library Science and Study Skills	2

**Electives: Choose one Course**

CHI 101	Elementary Chinese I	2
FRE 101	Elementary French I	2

GER 101	Elementary German I	2	
RUS 101	Elementary Russian I	2	
SPA 101	Elementary Spanish I	2	
IBB 101	Elementary Ibibio I	2	
HAU 101	Elementary Hausa I	2	
YOR 101	Elementary Yoruba I	2	<b>2</b>
			<b>20</b>

**Second Semester****Major Courses**

CODE	TITLE		UNITS
LIN 102	Introduction to Language & Climate Change II		2
LIN 122	Elements of Linguistics and Publishing II		2
LIN 142	Introduction to Linguistics II		3
LIN 144	Introduction to General Phonetics II		3
LIN 106	Advanced Composition and Comprehension II		2
IGB 182	The History of the Igbo Speaking People & their Neighbours		2

**general Studies Courses**

GSP 102	The Use of English II		2
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**Electives: Choose one Course**

CHI 102	Elementary Chinese II	2	
FRE 102	Elementary French II	2	
GER 102	Elementary German II	2	
RUS 102	Elementary Russian II	2	
SPA 102	Elementary Spanish II	2	
IBB 102	Elementary Ibibio II	2	
HAU 102	Elementary Hausa II	2	
YOR 102	Elementary Yoruba II	2	<b>2</b>
			<b>18</b>

**Second Year****First Semester****Major Courses**

CODE	TITLE		UNITS
LIN 211	Literature & Climate Change I		2
LIN 241	Introduction to Phonology		2
LIN 243	Phonetics of English and Nigerian Languages		2
LIN 245	Introduction to Morphology		2
IGB 211	Introduction to Igbo Oral Literature		2

**Required Ancillary Courses**

TSF 101	Introduction to Drama & Theatre		3
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**General Studies Courses**

GSP 105	Natural Science I		2
GSP 201	The Social Sciences		2

**Electives: Choose one Course**

CHI 201	Intermediate Chinese I	2	
FRE 201	Intermediate French I	2	
GER 201	Intermediate German I	2	
RUS 201	Intermediate Russian I	2	
SPA 201	Intermediate Spanish I	2	
IBB 201	Intermediate Ibibio I	2	
HAU 201	Intermediate Hausa I	2	
YOR 201	Intermediate Yoruba I	2	<b>2</b>

**Electives: Choose one Course**

MAC 101	Introduction to Mass Communication	4	
PHL 101	Introduction to Philosophy I	2	
SOC 101	Introduction to Sociology I	2	<b>2or4</b>
			<b>21/23</b>

**Second Semester****Major Courses**

CODE	TITLE		UNITS
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IGB 204	Igbo Phonology I	2
IGB 206	Igbo Morphology	2
IGB 208	Igbo Syntax I	2
IGB 212	Igbo Written Literature	2
IGB 230	Elements of Igbo Culture	2
LIN 212	Literature & Climate Change II	2

**Required Ancillary Courses**

TFS 134	Basic Acting Skills	3
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**General Studies Courses**

GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution Studies	2

**Electives: Choose one Course**

CHI 202	Intermediate Chinese I	2
FRE 202	Intermediate French II	2
GER 202	Intermediate German II	2
RUS 202	Intermediate Russian II	2
SPA 202	Intermediate Spanish I	2
IBB 202	Intermediate Ibibio II	2
HAU 202	Intermediate Hausa II	2
YOR 202	Intermediate Yoruba II	2

**Electives: Choose one Course**

M.SC. 102	Writing for the Mass Media	4
PHL 102	Introduction to Philosophy II	2
SOC 102	Introduction to Sociology II	2

2or4  
23/25**Third Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 305	Igbo Dialects	2
LIN 323	Introduction to Editing and Publishing	2
LIN 361	Survey of Applied Linguistics	
LIN 383	Introduction to African Linguistics	2
IGB 313	Introduction to Igbo Drama	2
IGB 315	Literary Criticism	3
IGB 331	Aspects of Igbo Culture I	2

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	3
CED 341	Introduction to Entrepreneurship	2

**Electives: Choose one Course**

CHI 301	Advanced Chinese I	2
FRE 301	Advanced French I	2
GER 301	Advanced German I	2
RUS 301	Advanced Russian I	2
SPA 301	Advanced Spanish I	2
IBB 301	Advanced Ibibio I	2
HAU 301	Advanced Hausa I	2
YOR 301	Advanced Yoruba I	2

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20**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 332	Linguistics and Broadcasting	2
LIN 352	Introduction to Sociolinguistics	2
LIN 390	Field Methods and Research Methodology	3
IFB 304	Igbo Phonology II	2
IGB 308	Syntax II	3
IGB 332	Aspects of Igbo Culture II	2
IGB 360	Introduction to Translation and Interpreting	2

**Required Ancillary Courses**



		Programmes	285
COS 304	Computer Applications	2	
CED 342	Business Development and Management	2	
<b>Electives: Choose one Course</b>			
CHI 302	Advanced Chinese I	2	
FRE 302	Advanced French II	2	
GER 302	Advanced German II	2	
RUS 302	Advanced Russian II	2	
SPA 302	Advanced Spanish I	2	
IBB 302	Advanced Ibibio II	2	
HAU 302	Advanced Hausa II	2	
YOR 302	Advanced Yoruba II	2	2
			<hr/> 22
<b>Fourth Year</b>			
<b>First Semester</b>			
<b>Major Courses</b>			
CODE	TITLE		UNITS
LIN 405	Contrastive Studies		3
LIN 441	Semantics		3
LIN 461	Computational and Lexicographic Linguistics		3
LIN 481	Historical and Comparative Linguistics		3
IGB 403	Topics in Igbo Phonology		3
IGB 413	Igbo Stylistics		3
			<hr/> 18
<b>Second Semester</b>			
<b>Major Courses</b>			
CODE	TITLE		UNITS
LIN 462	Theory & Practice of Translation		3
LIN 470	Psycholinguistics		3
LIN 490	Project		3
IGB 404	Topics in Igbo Syntax		3
IGB 412	Contemporary Igbo Prose		3
IGB 416	Contemporary Igbo Poetry		3
IGB 418	Contemporary Igbo Drama		3
			<hr/> 21
<b>Three-Year Degree Programme in Linguistics/Igbo Studies</b>			
<b>First Year</b>			
<b>First Semester</b>			
<b>Major Courses</b>			
CODE	TITLE		UNITS
IGB 211	Introduction to Igbo Oral Literature		2
LIN 121	Elements of Linguistics and Publishing I		2
LIN 141	Introduction to Linguistics I		3
LIN 241	Introduction to Phonology		2
LIN 245	Introduction to Morphology		2
<b>Required Ancillary Courses</b>			
TFS 101	Introduction to Drama and Theatre		3
<b>General Studies Courses</b>			
GSP 105	Natural Science I		2
GSP 201	The Social Sciences		2
<b>Electives: Choose one Course</b>			
CHI 201	Intermediate Chinese I		
FRE 201	Intermediate French I	2	
GER 201	Intermediate German I	2	
RUS 201	Intermediate Russian I	2	
SPA 201	Intermediate Spanish I	2	
IBB 201	Intermediate Ibibio I	2	
HAU 201	Intermediate Hausa I	2	
YOR 201	Intermediate Yoruba I	2	2
<b>Electives: Choose one Course</b>			

MAC 101	Introduction to Mass Communication	4	
PHL 101	Introduction to Philosophy I	2	
SOC 101	Introduction to Sociology I	2	2or4
			22/24

*Second Semester***Major Courses**

CODE	TITLE	UNITS
LIN 122	Elements of Linguistics and Publishing II	2
LIN 142	Introduction to Linguistics II	2
IGB 204	Igbo Phonology II	2
IGB 208	Igbo Syntax II	2
IGB 212	Introduction to Igbo Written Literature	2

**Required Ancillary Courses**

TFS 134	Basic Acting Skills	3
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**General Studies Courses**

GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution Studies	2

**Electives: Choose one Course**

CHI 202	Intermediate Chinese II	2	
FRE 202	Intermediate French II	2	
GER 202	Intermediate German II	2	
RUS 202	Intermediate Russian II	2	
SPA 202	Intermediate Spanish II	2	
IBB 202	Intermediate Ibibio II	2	
HAU 202	Intermediate Hausa II	2	
YOR 202	Intermediate Yoruba II	2	2

**Electives: Choose one Course**

PHL 102	Introduction to Philosophy II	2	
SIC 102	Introduction to Sociology II	2	
M.SC. 412	Writing for the Mass Media	4	2or4
			21/23

**Second Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 323	Introduction to Editing and Publishing	2
LIN 347	Linguistics and the Study of Literature	2
LIN 361	Survey of Applied Linguistics	3
LIN 381	Introduction to African Linguistics	2
IGB 305	Igbo Dialects	2
IGB 313	Introduction to Igbo Drama	2

**Required Ancillary Courses**

CED 341	Introduction to Entrepreneurship	
COS 101	Introduction to Computer Science	2
		2

**Electives: Choose one Course**

CHI 301	Advanced Chinese I	2	
FRE 301	Advanced French I	2	
GER 301	Advanced German I	2	
RUS 301	Advanced Russian I	2	
SPA 301	Advanced Spanish I	2	
IBB 301	Advanced Ibibio I	2	
HAU 301	Advanced Hausa I	2	
YOR 301	Advanced Yoruba I	2	2
			19

**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 352	Introduction to Sociolinguistics	2
LIN 390	Field Methods and Research Methodology	3
IGB 304	Igbo Phonology II	2

IGB 308	Igbo Syntax II	2
IGB 322	Linguistics and Broadcasting	2
IGB 360	Introduction to Translation and Interpreting	2
IGB 412	Contemporary Igbo Prose Fiction	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
<b>Electives: Choose one Course</b>		
CHI 302	Advanced Chinese II	2
FRE 302	Advanced French II	2
GER 302	Advanced German II	2
RUS 302	Advanced Russian II	2
SPA 302	Advanced Spanish II	2
IBB 302	Advanced Ibibio II	2
HAU 302	Advanced Hausa II	2
YOR 302	Advanced Yoruba II	2
		<hr/> 21

### Third Year

#### First Semester

##### Major Courses

CODE	TITLE	UNITS
LIN 211	Literature & Climate Change I	2
LIN 441	Semantics	3
LIN 461	Computational and Lexicographic Linguistics	3
LIN 481	Historical/Comparative Linguistics	3
IGB 403	Topics in Igbo Phonology	3
IGB 405	Contrastive Studies	3
IGB 413	Igbo Stylistics	3
		<hr/> 20

#### Second Semester

##### Major Courses

CODE	TITLE	UNITS
LIN 212	Literature & Climate Change II	2
LIN 462	Theory and Practice of Translation	3
LIN 470	Psycholinguistics	3
LIN 490	Project	3
IGB 404	Topics in Igbo Syntax	3
IGB 416	Contemporary Igbo Poetry	3
IGB 418	Contemporary Igbo Drama	3
		<hr/> 20

### Four-Year Degree Programme in Linguistics/Ibibio Studies

#### First Year

##### First Semester

##### Major Courses

CODE	TITLE	UNITS
LIN 101	Introduction to Language and Climate Change I	2
LIN 121	Elements of Linguistics and Publishing I	2
LIN 141	Introduction to Linguistics I	3
LIN 143	Introduction to General Phonetics I	2
IBB 105	Advanced Composition and Comprehension in Ibibio I	2
IBB 181	Introduction to the Ibibio People and their Language	2

##### General Studies Courses

GSP 101	The Use of English II	2
GSP 111	Introduction to Library Science and Study Skills	2

##### Electives: Choose one Course

CHI 101	Elementary Chinese I	2
FRE 101	Elementary French I	2
GER 101	Elementary German I	2
RUS 101	Elementary Russian I	2

SPA 101	Elementary Spanish I	2	
IGB 101	Elementary Igbo I	2	
HAU 101	Elementary Hausa I	2	
YOR 101	Elementary Yoruba I	2	2
			<hr/> 19

**Second Semester****Major Courses**

CODE	TITLE		UNITS
LIN 102	Introduction to Language & Climate Change II		2
LIN 122	Elements of Linguistics and Publishing		2
LIN 142	Introduction to Linguistics II		3
LIN 144	Introduction to General Phonetics II		2
IBB 106	Advanced Composition and Comprehension II		2
IBB 182	The History of the Ibibio Speaking People & their Neighbours		2

**General Studies Courses**

GSP 102	The Use of English II		2
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**Electives: Choose one Course**

CHI 102	Elementary Chinese II	2	
FRE 102	Elementary French II	2	
GER 102	Elementary German II	2	
RUS 102	Elementary Russian II	2	
SPA 102	Elementary Spanish II	2	
IGB 102	Elementary Igbo II	2	
HAU 102	Elementary Hausa II	2	
YOR 102	Elementary Yoruba II	2	2
			<hr/> 17

**Second Year****First Semester****Major Courses**

CODE	TITLE		UNITS
LIN 211	Literature and Climate Change I		2
LIN 241	Introduction to Phonology		2
LIN 243	Phonetics of English and Nigerian Languages		2
LIN 245	Introduction to Morphology		2
IBB 211	Introduction to Ibibio Oral Literature		2

**Required Ancillary Courses**

TFS 101	Introduction to Drama & Theatre		3
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**General Studies Courses**

GSP 105	Natural Science I		2
GSP 201	The Social Sciences		2

**Electives: Choose one Course**

CHI 201	Intermediate Chinese I	2	
FRE 201	Intermediate French I	2	
GER 201	Intermediate German I	2	
RUS 201	Intermediate Russian I	2	
SPA 201	Intermediate Spanish I	2	
IGB 201	Intermediate Igbo I	2	
HAU 201	Intermediate Hausa I	2	
YOR 201	Intermediate Yoruba I	2	2

**Electives: Choose one Course**

MAC 101	Introduction to Mass Communication	4	
PHL 101	Introduction to Philosophy I	2	
SOC 102	Introduction to Sociology I	2	2or4
			<hr/> 23/25

**Second Semester****Major Courses**

CODE	TITLE		UNITS
LIN 212	Literature and Climate Change II		2
IBB 204	Ibibio Phonology I		2
IBB 206	Ibibio Morphology		2

IBB 208	Ibibio Syntax I	2	
IBB 212	Ibibio Written Literature	2	
<b>Required Ancillary Courses</b>		2	
TFS 130	Basic Acting Skills	3	
<b>General Studies Courses</b>			
GSP 106	Natural Science II	2	
GSP 202	Peace and Conflict Resolution Studies	2	
<b>Electives: Choose one Course</b>			
CHI 202	Intermediate Chinese II	2	
FRE 202	Intermediate French II	2	
GER 202	Intermediate German II	2	
RUS 202	Intermediate Russian II	2	
SPA 202	Intermediate Spanish II	2	
IGB 202	Intermediate Igbo II	2	
HAU 202	Intermediate Hausa II	2	
YOR 202	Intermediate Yoruba II	2	2
<b>Electives: Choose one Course</b>			
M.SC. 112	Writing for the Mass Media	4	
PHL 102	Introduction to Philosophy II	2	
SOC 102	Introduction to Sociology II	2	2or4
			<u>23/25</u>

### Third Year

#### First Semester

##### Major Courses

CODE	TITLE	UNITS
LIN 305	Ibibio Dialects	2
LIN 323	Introduction to Editing and Publishing	2
LIN 361	Survey of Applied Linguistics	3
LIN 381	Introduction to African Linguistics	2
IBB 313	Introduction to Ibibio Drama	2
IBB 315	Literary Criticism	3
IBB 331	Aspects of Ibibio Culture	2

##### Required Ancillary Courses

COS 101	Introduction to Computer Science	3
CED 341	Introduction to Entrepreneurship	2

##### Electives: Choose one Course

CHI 301	Advanced Chinese I	2	
FRE 301	Advanced French I	2	
GER 301	Advanced German I	2	
RUS 301	Advanced Russian I	2	
SPA 301	Advanced Spanish I	2	
IGB 301	Advanced Igbo I	2	
HAU 301	Advanced Hausa I	2	
YOR 301	Advanced Yoruba I	2	2
			<u>23</u>

#### Second Semester

##### Major Courses

CODE	TITLE	UNITS
LIN 352	Introduction to Sociolinguistics	2
LIN 390	Field Methods and Research Methodology	3
IBB 304	Ibibio Phonology II	2
IBB 308	Syntax II	3
IBB 322	Linguistics and Broadcasting	2
IBB 332	Aspects of Ibibio Culture II	2
IBB 360	Introduction to Translation and Interpreting	2

##### Required Ancillary Courses

COS 304	Computer Applications	2
CED 342	Business Development and Management	2

##### Electives: Choose one Course

CHI 302	Advanced Chinese II	2	
FRE 302	Advanced French II	2	
GER 302	Advanced German II	2	
RUS 302	Advanced Russian II	2	
SPA 302	Advanced Spanish II	2	
IFB 302	Advanced Igbo II	2	
HAU 302	Advanced Hausa II	2	
YOR 302	Advanced Yoruba II	2	2
			<hr/> 22

**Fourth Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 405	Contrastive Studies	3
LIN 441	Semantics	3
LIN 461	Computational and Lexicographic Linguistics	3
LIN 481	Historical and Comparative Linguistics	3
IBB 403	Topics in Ibibio Phonology	3
IBB 413	Ibibio Stylistics	3
		<hr/> 18

**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 462	Theory & Practice of Translation	3
LIN 470	Psycholinguistics	3
LIN 490	Project	3
IBB 404	Topics in Ibibio Syntax	3
IBB 412	Contemporary Ibibio Prose	3
IBB 416	Contemporary Ibibio Poetry	3
IBB 418	Contemporary Ibibio Drama	3
		<hr/> 21

**Three-Year Degree Programme in Linguistics/Ibibio Studies****First Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 121	Elements of Linguistics and Publishing I	2
LIN 141	Introduction to Linguistics I	3
LIN 241	Introduction to Phonology	2
LIN 245	Introduction to Morphology	2
IBB 211	Introduction to Ibibio Oral Literature	2

**Required Ancillary Courses**

TFS 101	Introduction to Drama and Theatre	3
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**General Studies Courses**

GSP 105	Natural Science I	2
GSP 201	The Social Sciences	2

**Electives: Choose one Course**

CHI 201	Intermediate Chinese I	2	
FRE 201	Intermediate French I	2	
GER 201	Intermediate German I	2	
RUS 201	Intermediate Russian I	2	
SPA 201	Intermediate Spanish I	2	
IGB 201	Advanced Igbo I	2	
HAU 201	Advanced Hausa I	2	
YOR 201	Advanced Yoruba I	2	2

**Electives: Choose one Course**

MAC 101	Introduction to Mass Communication	2	
PHL 101	Introduction to Philosophy I	2	
SOC 101	Introduction to Sociology I	2	2or4

22/24**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 122	Elements of Linguistics and Publishing II	2
LIN 142	Introduction to Linguistics II	3
IBB 204	Ibibio Phonology II	2
IBB 208	Ibibio Syntax II	2
IBB 212	Introduction to Ibibio Written Literature	2

**Required Ancillary Courses**

TFS 134	Basic Acting Skills	3
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**General Studies Courses**

GSP106	Natural Science II	2
GSP 202	Peace and Conflict Resolution Studies	2

**Electives: Choose one Course**

CHI 202	Intermediate Chinese II	2
FRE 202	Intermediate French II	2
GER 202	Intermediate German II	2
RUS 202	Intermediate Russian II	2
SPA 202	Intermediate Spanish II	2
IGB 202	Advanced Igbo II	2
HAU 202	Advanced Hausa II	2
<b>YOR 202</b>	<b>Advanced Yoruba II</b>	2

**Electives: Choose one Course**

PHL 102	Introduction to Philosophy II	2
SOC 102	Introduction to Sociology II	2
M.SC. 112	Writing for the Mass Media	4

2or4

22/24**Second Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 323	Introduction to Editing and Publishing	2
LIN 347	Linguistics and the Study of Literature	2
LIN 361	Survey of Applied Linguistics	3
LIN 381	Introduction to African Linguistics	2
IBB 305	Ibibio Dialects	3
IBB 313	Introduction to Ibibio Drama	2

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
CED 341	Introduction to Entrepreneurship	2

**Electives: Choose one Course**

CHI 301	Advanced Chinese I	2
FRE 301	Advanced French I	2
GER 301	Advanced German I	2
RUS 301	Advanced Russian I	2
SPA 301	Advanced Spanish I	2
IGB 301	Advanced Igbo I	2
HAU 301	Advanced Hausa I	2
YOR 301	Advanced Yoruba I	2

2

20**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 352	Introduction to Sociolinguistics	2
LIN 390	Field Methods and Research Methodology	3
IBB 304	Ibibio Phonology II	2
IBB 308	Ibibio Syntax II	3
IBB 322	Linguistics and Broadcasting	2

IBB 360	Introduction to Translation and Interpreting	2
IBB 412	Contemporary Ibibio Prose Fiction	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
<b>Electives: Choose one Course</b>		
CHI 302	Advanced Chinese II	2
FRE 302	Advanced French II	2
GER 302	Advanced German II	2
RUS 302	Advanced Russian II	2
SPA 302	Advanced Spanish II	2
IFB 302	Advanced Igbo II	2
HAU 302	Advanced Hausa II	2
YOR 302	Advanced Yoruba II	2
		<hr/> 22

**Third Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 211	Literature and Climate Change I	2
LIN 441	Semantics	3
LIN 461	Computational and Lexicographic Linguistics	3
LIN 481	Historical/Comparative Linguistics	3
IBB 403	Topics in Ibibio Phonology	3
IBB 405	Contrastive Studies	3
IBB 413	Ibibio Stylistics	3
		<hr/> 20

**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 212	Literature and Climate Change II	2
LIN 462	Theory and Practice of Translation	3
LIN 470	Psycholinguistics	3
LIN 490	Project	3
IBB 404	Topics in Ibibio Syntax	3
IBB 416	Contemporary Ibibio Poetry	3
IBB 418	Contemporary Ibibio Drama	3
		<hr/> 20

**Four-Year Degree Programme in Linguistics/Hausa Studies****First Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 101	Introduction to Language & Climate Change I	2
LIN 121	Elements of Linguistics and Publishing I	2
LIN 141	Introduction to Linguistics I	2
LIN 143	Introduction to General Phonetics I	3
HAU 105	Advanced Composition and Comprehension in Hausa I	2
HAU 181	Introduction to the Hausa People and their Language	2

**General Studies Courses**

GSP 101	The Use of English II	2
GSP 111	Introduction to Library Science and Study Skills	2

**Electives: Choose one Course**

CHI 101	Elementary Chinese I	2
FRE 101	Elementary French I	2
GER 101	Elementary German I	2
RUS 101	Elementary Russian I	2
SPA 101	Elementary Spanish I	2
IBB 101	Advanced Ibibio I	2
IGB 101	Advanced Igbo I	2



YOR 101	Advanced Yoruba I	2	2
			19

**Second Semester**

**Major Courses**

CODE	TITLE		UNITS
LIN 102	Introduction to Language & Climate Change II		2
LIN 122	Elements of Linguistics and Publishing II		2
LIN 142	Introduction to Linguistics II		3
LIN 144	Introduction to General Phonetics II		2
HAU 106	Advanced Composition and Comprehension II		2
HAU 182	The History of the Hausa Speaking People & their Neighbours		2

**General Studies Courses**

GSP 102	The Use of English II		2
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**Electives: Choose one Course**

CHI 102	Elementary Chinese II	2	
FRE 102	Elementary French II	2	
GER 102	Elementary German II	2	
RUS 102	Elementary Russian II	2	
SPA 102	Elementary Spanish II	2	
IGB 102	Elementary Igbo II	2	
IBB 102	Elementary Ibibio II	2	
YOR 102	Elementary Yoruba II	2	2
			17

**Second Year**

**First Semester**

**Major Courses**

CODE	TITLE		UNITS
LIN 211	Literature and Climate Change I		2
LIN 241	Introduction to Phonology		2
LIN 243	Phonetics of English and Nigerian Languages		2
LIN 245	Introduction to Morphology		2
HAU 211	Introduction to Hausa Oral Literature		2

**Required Ancillary Courses**

TFS 101	Introduction to Drama & Theatre		3
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**General Studies Courses**

GSP 105	Natural Science I		2
GSP 201	The Social Sciences		2

**Electives: Choose one Course**

CHI 201	Intermediate Chinese I	2	
FRE 201	Intermediate French I	2	
GER 201	Intermediate German I	2	
RUS 201	Intermediate Russian I	2	
SPA 201	Intermediate Spanish I	2	
IGB 201	Intermediate Igbo I	2	
IBB 201	Intermediate Ibibio I	2	
YOR 201	Intermediate Yoruba I	2	2

**Electives: Choose one Course**

PHL 101	Introduction to Philosophy I	2	
SOC 101	Introduction to Sociology I	2	
MAC 101	Introduction to Mass Communication	4	23/25

**Second Semester**

**Major Courses**

CODE	TITLE		UNITS
LIN 212	Literature and Climate Change II		2
HAU 204	Hausa Phonology I		2
HAU 206	Hausa Morphology		2
HAU 208	Hausa Syntax I		2
HAU 212	Hausa Written Literature		2

**Required Ancillary Courses**

2

TFS 134	Basic Acting Skills	3	
<b>General Studies Courses</b>			
GSP 106	Natural Science II	2	
<b>GSP 202</b>	Peace and Conflict Resolution Studies		
<b>Electives: Choose one Course</b>			
CHI 202	Intermediate Chinese II	2	
FRE 202	Intermediate French II	2	
GER 202	Intermediate German II	2	
RUS 202	Intermediate Russian II	2	
SPA 202	Intermediate Spanish II	2	
IGB 202	Intermediate Igbo II	2	
IBB 202	Intermediate Ibibio II	2	
YOR 202	Intermediate Yoruba II	2	2
<b>Electives: Choose one Course</b>			
PHL 102	Introduction to Philosophy II	2	
SOC 102	Introduction to Sociology II	2	
M.SC. 102	Writing for the Mass Media	4	<u>21/23</u>

**Third Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 305	Hausa Dialects	2
LIN 323	Introduction to Editing and Publishing	2
LIN 361	Survey of Applied Linguistics	3
LIN 381	Introduction to African Linguistics	2
HAU 313	Introduction to Hausa Drama	2
HAU 315	Literary Criticism	3
<b>HAU 331</b>	Aspects of Hausa Culture	2

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	3
CED 341	Introduction to Entrepreneurship	2

**Electives: Choose one Course**

CHI 301	Advanced Chinese I	2
FRE 301	Advanced French I	2
GER 301	Advanced German I	2
RUS 301	Advanced Russian I	2
SPA 301	Advanced Spanish I	2
IGB 301	Advanced Igbo I	2
IBB 301	Advanced Ibibio I	2
YOR 301	Advanced Yoruba I	2
		<u>23</u>

**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 322	Linguistics and Broadcasting	2
LIN 352	Introduction to Sociolinguistics	2
LIN 390	Field Methods and Research Methodology	3
HAU 304	Hausa Phonology II	2
HAU 308	Syntax II	3
HAU 332	Aspects of Hausa Culture II	2
HAU 360	Introduction to Translation and Interpreting	2

**Required Ancillary Courses**

COS 304	Computer Applications	2
CED 342	Entrepreneurial Development & Research	2

**Electives: Choose one Course**

CHI 302	Advanced Chinese II	2
FRE 302	Advanced French II	2
GER 302	Advanced German II	2
RUS 302	Advanced Russian II	2

			Programmes	295
SPA 302	Advanced Spanish II	2		
IGB 302	Advanced Igbo II	2		
IBB 302	Advanced Ibibio II	2		
YOR 302	Advanced Yoruba II	2	2	
				<u>22</u>
<b>Fourth Year</b>				
<b>First Semester</b>				
<b>Major Courses</b>				
CODE	TITLE			UNITS
LIN 405	Contrastive Studies			3
LIN 441	Semantics			3
LIN 461	Computational and Lexicographic Linguistics			3
LIN 48	Historical and Comparative Linguistics			3
HAU 403	Topics in Hausa Phonology			3
HAU 413	Hausa Stylistics			3
				<u>18</u>
<b>Second Semester</b>				
<b>Major Courses</b>				
CODE				
LIN 462	Theory & Practice of Translation			3
LIN 470	Psycholinguistics			3
LIN 490	Project			3
HAU 404	Topics in Hausa Syntax			3
HAU 412	Contemporary Hausa Prose			3
HAU 416	Contemporary Hausa Poetry			3
HAU 418	Contemporary Hausa Drama			3
				<u>21</u>
<b>Three-Year Degree Programme in Linguistics/Hausa Studies</b>				
<b>First Year</b>				
<b>First Semester</b>				
<b>Major Courses</b>				
CODE	TITLE			UNITS
LIN 121	Elements of Linguistics and Publishing I			2
LIN 141	Introduction to Linguistics I			3
LIN 241	Introduction to Phonology			2
LIN 245	Introduction to Morphology			2
HAU 211	Introduction to Hausa Oral Literature			2
<b>Required Ancillary Courses</b>				
TFS 101	Introduction to Drama and Theatre			3
<b>General Studies Courses</b>				
GSP 105	Natural Science I			2
GSP 201	The Social Sciences			2
<b>Electives: Choose one Course</b>				
CHI 201	Intermediate Chinese I	2		
FRE 201	Intermediate French I	2		
GER 201	Intermediate German I	2		
RUS 201	Intermediate Russian I	2		
SPA 201	Intermediate Spanish I	2		
IGB 201	Intermediate Igbo I	2		
IBB 201	Intermediate Ibibio I	2		
YOR 201	Intermediate Yoruba I	2	2	
<b>Electives: Choose one Course</b>				
PHL 101	Introduction to Philosophy I	2		
SOC 101	Introduction to Sociology I	2		
MAC 101	Introduction to Mass Communication	4	2or4	
				<u>22/24</u>
<b>Second Semester</b>				
<b>Major Courses</b>				
CODE	TITLE			UNITS

LIN 122	Elements of Linguistics and Publishing II	2	
LIN 142	Introduction to Linguistics II	3	
HAU 204	Hausa Phonology II	2	
HAU 208	Hausa Syntax II	2	
HAU 212	Introduction to Hausa Written Literature	2	
<b>Required Ancillary Courses</b>		2	
TFS 134	Basic Acting Skills	3	
<b>General Studies Courses</b>			
GSP 106	Natural Science II	2	
GSP 202	Peace and Conflict Resolution Studies	2	
<b>Electives: Choose one Course</b>			
CHI 202	Intermediate Chinese II	2	
FRE 202	Intermediate French II	2	
GER 202	Intermediate German II	2	
RUS 202	Intermediate Russian II	2	
SPA 202	Intermediate Spanish II	2	
IGB 202	Intermediate Igbo II	2	
IBB 202	Intermediate Ibibio II	2	
YOR 202	Intermediate Yoruba II	2	2
<b>Electives: Choose one Course</b>			
PHL 102	Introduction to Philosophy II	2	
SOC 102	Introduction to Sociology II	2	
M.SC. 112	Writing for the Mass Media	4	2or4
			<hr/> 22/24

**Third Year****First Semester****Major Courses**

CODE	TITLE		UNITS
LIN 323	Introduction to Editing and Publishing		2
LIN 347	Linguistics and the Study of Literature		2
LIN 361	Survey of Applied Linguistics		3
LIN 381	Introduction to African Linguistics		2
HAU 305	Hausa Dialects		3
HAU 313	Introduction to Hausa Drama		2
<b>Required Ancillary Courses</b>			
CED 341	Introduction to Entrepreneurship		2
COS 101	Introduction to Computer Science		2
<b>Electives: Choose one Course</b>			
CHI 301	Advanced Chinese I	2	
FRE 301	Advanced French I	2	
GER 301	Advanced German I	2	
RUS 301	Advanced Russian I	2	
SPA 301	Advanced Spanish I	2	
IGB 301	Advanced Igbo I	2	
IBB 301	Advanced Ibibio I	2	
YOR 301	Advanced Yoruba I	2	2
			<hr/> 20

**Second Semester****Major Courses**

CODE	TITLE		UNITS
LIN 352	Introduction to Sociolinguistics		2
LIN 390	Field Methods and Research Methodology		3
HAU 304	Hausa Phonology II		2
HAU 308	Hausa Syntax II		3
HAU 322	Linguistics and Broadcasting		2
HAU 360	Introduction to Translation and Interpreting		2
HAU 412	Contemporary Hausa Prose Fiction		2
<b>Required Ancillary Courses</b>			
COS 304	Computer Applications		2
CED 342	Business Development and Management		2

**Electives: Choose one Course**

CHI 302	Advanced Chinese II	2	
FRE 302	Advanced French II	2	
GER 302	Advanced German II	2	
RUS 302	Advanced Russian II	2	
SPA 302	Advanced Spanish II	2	
IGB 302	Advanced Igbo II	2	
IBB 302	Advanced Ibibio II	2	
YOR 302	Advanced Yoruba II	2	2
			<hr/> 22

**Third Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 241	Literature and Climate Change I	2
LIN 441	Semantics	3
LIN 461	Computational and Lexicographic Linguistics	3
LIN 481	Historical/Comparative Linguistics	3
HAU 403	Topics in Hausa Phonology	3
HAU 405	Contrastive Studies	3
HAU 413	Hausa Stylistics	3
		<hr/> 20

**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 212	Literature and Climate Change I	2
LIN 462	Theory and Practice of Translation	3
LIN 462	Psycholinguistics	3
LIN 470	Project	3
LIN 490	Topics in Hausa Syntax	3
HAU 404	Contemporary Hausa Poetry	3
HAU 416	Contemporary Hausa	3
HAU 418		<hr/> 20

**Four-Year Degree Programme in Linguistics/Yoruba Studies****First Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 101	Introduction to Language & Climate Change I	2
LIN 121	Introduction to Linguistics I	2
LIN 141	Introduction to General Phonetics I	3
LIN 143	Advanced Composition and Comprehension in Yoruba I	2
YOR 105	Introduction to the Yoruba People and their Language	2
YOR 181	Introduction to Yoruba People and the Language	2

**General Studies Course**

GSP 101	Use of English I	2
GSP 111	Introduction to Library Science and Study Skills	2

**Electives: Choose one Course**

CHI 101	Elementary Chinese I	2	
FRE 101	Elementary French I	2	
GER 101	Elementary German I	2	
RUS 101	Elementary Russian I	2	
SPA 101	Elementary Spanish I	2	
IGB 101	Elementary Igbo I	2	
IBB 101	Elementary Ibibio I	2	2
HAU 101	Elementary Hausa I		<hr/> 19

**Second Semester****Major Courses**

CODE	TITLE	UNITS
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LIN 102	Introduction to Language & Climate Change II	2	
LIN 122	Elements of Linguistics and Publishing	2	
LIN142	Introduction to Linguistics II	3	
LIN 144	Introduction to General Phonetics II	2	
YOR 106	Advanced Composition and Comprehension II	2	
YOR 182	The History of the Yoruba Speaking People & their Neighbours	2	
<b>General Studies Course</b>			
GSP 102	The Use of English II		
<b>Electives: Choose one Course</b>			2
CHI 102	Elementary Chinese II	2	
FRE 102	Elementary French II	2	
GER 102	Elementary German II	2	
RUS 102	Elementary Russian II	2	
SPA 102	Elementary Spanish II	2	
IGB 102	Elementary Igbo II	2	
IBB 102	Elementary Ibibio II	2	
HAU 102	Elementary Hausa II	2	2
			<hr/> 17

**Second Year****First Semester****Major Courses**

CODE	TITLE		UNITS
LIN 211	Literature & Climate Change I	2	
LIN 241	Introduction to Phonology	2	
LIN 243	Phonetics of English and Nigerian Languages	2	
LIN 245	Introduction to Morphology	2	
YOR 211	Introduction to Yoruba Oral Literature	2	

**Required Ancillary Courses**

TFS 101	Introduction to Drama & Theatre	3	
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**General Studies Courses**

GSP 105	Natural Science I	2	
GSP 201	The Social Sciences	2	

**Electives: Choose one Course**

CHI 201	Intermediate Chinese I	2	
FRE 201	Intermediate French I	2	
GER 201	Intermediate German I	2	
RUS 201	Intermediate Russian I	2	
SPA 201	Intermediate Spanish I	2	
IGB 201	Intermediate Igbo I	2	
IBB 201	Intermediate Ibibio I	2	
HAU 201	Intermediate Hausa I	2	2

**Electives: Choose one Course**

PHL 101	Introduction to Philosophy I	2	
SOC 101	Introduction to Sociology I	2	
MAC 101	Introduction to Mass Communication	4	2or4
			<hr/> 23/25

**Second Semester****Major Courses**

CODE	TITLE		UNITS
LIN 212	Literature and Climate Change II	2	
YOR 204	Yoruba Phonology I	2	
YOR 296	Yoruba Morphology	2	
YOR 208	Yoruba Syntax I	2	
YOR 212	Yoruba Written Literature	2	

**Required Ancillary Courses**

TFS 134	Basic Acting Skills	3	
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**General Studies Courses**

GSP 106	Natural Science II	2	
<b>GSP 202</b>	Peace and Conflict Resolution Studies	2	

**Electives: Choose one Course**

CHI 201	Intermediate Chinese II	2	
FRE 202	Intermediate French II	2	
GER 202	Intermediate German II	2	
RUS 202	Intermediate Russian II	2	
SPA 202	Intermediate Spanish II	2	
IGB 202	Intermediate Igbo II	2	
IBB 202	Intermediate Ibibio II	2	
HAU 202	Intermediate Hausa II	2	2
<b>Electives: Choose one Course</b>			
PHL 102	Introduction to Philosophy II	2	
SOC 102	Introduction to Sociology II	2	
M.SC. 102	Writing for the Mass Media	4	2o4
			23/25

**Third Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN305	Yoruba Dialects	2
LIN 323	Introduction to Editing and Publishing	2
LIN 361	Survey of Applied Linguistics	3
LIN 381	Introduction to African Linguistics	2
YOR 313	Introduction to Yoruba Drama	2
YOR 315	Literary Criticism	3
YOR 331	Aspects of Yoruba Culture	2

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	3
CED 341	Introduction to Entrepreneurship	2

**Electives: Choose one Course**

CHI 301	Advanced Chinese I	2	
FRE 301	Advanced French I	2	
GER 301	Advanced German I	2	
RUS 301	Advanced Russian I	2	
SPA 301	Advanced Spanish I	2	
IGB 301	Advanced Igbo I	2	
IBB 301	Advanced Ibibio I	2	
HAU 301	Advanced Hausa I	2	2
			23

**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 322	Linguistics and Broadcasting	2
LIN 352	Introduction to Sociolinguistics	2
LIN 390	Field Methods and Research Methodology	3
YOR 304	Yoruba Phonology II	3
YOR 308	Syntax II	2
YOR 332	Aspects of Yoruba Culture II	2
YOR 360	Introduction to Translation and Interpreting	2

**Required Ancillary Courses**

COS 304	Computer Applications	2
CED 342	Business Development and Management	2

**Electives: Choose one Course**

CHI 302	Advanced Chinese II	2	
FRE 302	Advanced French II	2	
GER 302	Advanced German II	2	
RUS 302	Advanced Russian II	2	
SPA 302	Advanced Spanish II	2	
IGB 302	Advanced Igbo II	2	
IBB 302	Advanced Ibibio II	2	
HAU 302	Advanced Hausa II	2	2

**Fourth Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 405	Contrastive Studies	3
LIN 441	Semantics	3
LIN 461	Computational and Lexicographic Linguistics	3
LIN 481	Historical and Comparative Linguistics	3
YOR 403	Topics in Yoruba Phonology	3
YOR 413	Yoruba Stylistics	3
		18

**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 470	Psycholinguistics	3
LIN 462	Theory & Practice of Translation	3
LIN 490	Project	3
YOR 404	Topics in Yoruba Syntax	3
YOR 412	Contemporary Yoruba Prose	3
YOR 416	Contemporary Yoruba Poetry	3
YOR 418	Contemporary Yoruba Drama	3
		21

**Three-Year Degree Programme in Linguistics/Yoruba Studies****First Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 121	Elements of Linguistics and Publishing I	2
LIN 141	Introduction to Linguistics I	3
LIN 241	Introduction to Phonology	2
LIN 245	Introduction to Morphology	2
YOR 211	Introduction to Yoruba Oral Literature	2

**Required Ancillary Courses**

TFS 101	Introduction to Drama and Theatre	3
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**General Studies Courses**

GSP 105	Natural Science I	2
GSP 201	The Social Sciences	2

**Electives: Choose one Course**

CHI 201	Intermediate Chinese I	2
FRE 201	Intermediate French I	2
GER 201	Intermediate Russian I	2
RUS 201	Intermediate Chinese I	2
SPA 201	Intermediate Spanish I	2
IGB 201	Intermediate Igbo I	2
IBB 201	Intermediate Ibibio I	2
HAU 201	Intermediate Hausa I	2
		2

**Electives: Choose one Course**

PHL 101	Introduction to Philosophy I	2
SOC 101	Introduction to Sociology I	2
MAC 101	Introduction to Mass Communication	4
		2or4
		22/24

**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 122	Elements of Linguistics and Publishing II	2
LIN 142	Introduction to Linguistics II	3
YOR 204	Yoruba Phonology II	2
YOR 208	Yoruba Syntax II	2



		Programmes	301
YOR 212	Introduction to Yoruba Written Literature	2	
<b>Required Ancillary Courses</b>			
TFS 134	Basic Acting Skills	3	
<b>General Studies Courses</b>			
GSP 106	Natural Science II	2	
GSP 202	Peace and Conflict Resolution Studies	2	
<b>Electives: Choose one Course</b>			
CHI 202	Intermediate Chinese II	2	
FRE 202	Intermediate French II	2	
GER 202	Intermediate German II	2	
RUS 202	Intermediate Russian II	2	
SPA 202	Intermediate Spanish II	2	
IGB 202	Intermediate Igbo II	2	
IBB 202	Intermediate Ibibio II	2	
HAU 202	Intermediate Hausa II	2	2
<b>Electives: Choose one Course</b>			
PHL 102	Introduction to Philosophy II	2	
SOC 102	Introduction to Sociology II	2	
M.SC. 112	Writing for the Mass Media	4	<u>22/24</u>
<b>Second Year</b>			
<b>First Semester</b>			
<b>Major Courses</b>			
CODE	TITLE	UNITS	
LIN 323	Introduction to Editing and Publishing	2	
LIN 347	Linguistics and the Study of Literature	2	
LIN 361	Survey of Applied Linguistics	3	
LIN 381	Introduction to African Linguistics	2	
YOR 305	Yoruba Dialects	3	
YOR 313	Introduction to Yoruba Drama	2	
<b>Required Ancillary Courses</b>			
COS 101	Introduction to Computer Science	2	
CED 341	Introduction to Entrepreneurship	2	
<b>Electives: Choose one Course</b>			
CHI 301	Advanced Chinese I	2	
FRE 301	Advanced French I	2	
GER 301	Advanced German I	2	
RUS 301	Advanced Russian I	2	
SPA 301	Advanced Spanish I	2	
IGB 301	Advanced Igbo I	2	
IBB 301	Advanced Ibibio I	2	
HAU 301	Advanced Hausa I	2	2
			<u>20</u>
<b>Second Semester</b>			
<b>Major Courses</b>			
CODE	TITLE	UNITS	
LIN 352	Introduction to Sociolinguistics	2	
LIN 390	Field Methods and Research Methodology	3	
YOR 304	Yoruba Phonology II	2	
YOR 308	Yoruba Syntax II	3	
YOR 322	Linguistics and Broadcasting	2	
YOR 360	Introduction to Translation and Interpreting	2	
YOR 412	Contemporary Yoruba Prose Fiction	2	
<b>Required Ancillary Courses</b>			
COS 304	Computer Applications	2	
CED 342	Business Development and Management	2	
<b>Electives: Choose one Course</b>			
CHI 302	Advanced Chinese II	2	
FRE 302	Advanced French II	2	
GER 302	Advanced German II	2	

RUS 302	Advanced Russian II	2	
SPA 302	Advanced Spanish II	2	
IGB 302	Advanced Igbo II	2	
IBB 302	Advanced Ibibio II	2	
HAU 302	Advanced Hausa II	2	2
			<hr/> 22

**Third Year****First Semester****Major Courses**

CODE	TITLE	UNITS
LIN 211	Literature and Climate Change I	2
LIN 441	Semantics	3
LIN 461	Computational and Lexicographic Linguistics	3
LIN 481	Historical/Comparative Linguistics	3
YOR 413	Yoruba Stylistics	3
YOR	Topics in Yoruba Phonology	3
YOR 405	Contrastive Studies	3
		<hr/> 20

**Second Semester****Major Courses**

CODE	TITLE	UNITS
LIN 212	Literature and Climate Change II	2
LIN 462	Theory and Practice of Translation	3
LIN 470	Psycholinguistics	3
LIN 490	Project	3
YOR 404	Topics in Yoruba Syntax	3
YOR 416	Contemporary Yoruba Poetry	3
YOR 418	Contemporary Yoruba Drama	3
		<hr/> 20

**Department of Mass Communication****Staff**

I.S. Ndolo, B.A., M.A. (Texas), Ph.D. (Washington)	Professor
N.M. Okoro B.A., M.A. M.Sc. (Nigeria), Ph.D. (Awka)	Professor
L.I. Anorue, B.A., M.A. (Nigeria), Ph.D. (Awka)	Senior Lecturer/ Head
E.U. Ohaja, B.Sc. (Calabar), M.A. (Nigeria)	Senior Lecturer
R.A. Udejah, B.A. M.Sc. M.A. Ph.D. (Nigeria)	Senior Lecturer
P.N. Nwokolo, B.Sc. M.A. PGDE. LLB (Nigeria), Ph.D. (Makurdi)	Senior Lecturer
G.H. Ezeah, B.A., M.Sc. M.A. (Nigeria), Ph.D. (Uyo)	Senior Lecturer
J.O. Wogu, B.A., PGD. M.A (Nigeria), Ph.D.(Ebonyi)	Senior Lecturer
M.O. Ukonu, B.A. M.A. Ph.D.(Nigeria)	Senior Lecturer
A.C. Ekwueme, B.A. M.A. Ph.D. (Nigeria)	Senior Lecturer
N. C. Nnaji, B.A. M.A. (Nigeria)	Senior Lecturer
C.C. Okpoko, B.A. M.A. Ph.D.(Nigeria)	Lecturer I
J.C. Ugwuanyi, B.Sc. (Enugu); M.A. (Nigeria) Ph.D. (Benue)	Lecturer I
J.M.C. Agbo, B.A. M.A. Ph.D. (Nigeria)	Lecturer I
A.C. Ugwu, B.A. M.A. (Nigeria)	Lecturer I
O.I. Mobike B.A. PGD.M.A. (Nigeria)	Lecturer I
B.C. Chinweobo-Onuoha, B.Sc. (Awka), M.A. Ph.D. (Nigeria)	Lecturer II
C.A. Nwachukwu, B.A., M.A. (Nigeria)	Lecturer II
I.D. Ajaero, B.A., M.A. (Nigeria)	Lecturer II
O.P. Nwokedi, B.A., M.A., Ph.D. (Nigeria)	Lecturer II
R. Ezeanwu, B.Sc., M.A. (Nigeria)	Lecturer II
L.C. Ezema, B.A, M.A, Ph.D. (Nigeria)	Lecturer II
E.S.S. Orekyeh, B.A. M.A. (Nigeria)	Assistant Lecturer
J.C. Ugwuoke, B.A., M.A (Nigeria), Ph.D.(Ebonyi)	Assistant Lecturer
N. Odikpo, B.Ed., M.A. (Nigeria)	Assistant Lecturer
M. Ezugwu, B.A. M.A. (Nigeria)	Assistant Lecturer
U. Anorue, B.A. M.A. (Nigeria)	Assistant Lecturer
S. Ogbodoh, B.A. M.A. (Nigeria)	Assistant Lecturer
A.C. Ogbonna, B.Sc. M.A. (Nigeria)	Assistant Lecturer

U.C.M. Akata, B.A., M.A. (Nigeria)	Assistant Lecturer
O.U. Eze, B.A., (Nigeria), M.A. (Rhodes)	Assistant Lecturer
O.A. Mgboji, B.A., M.A. (Nigeria)	Assistant Lecturer
I.I. Cookey B.Sc. (River), M.A. (Port-Harcourt)	Assistant Lecturer
C.C. Ugwulor-Onyinyechi, B.A, M.A. (Nigeria)	Assistant Lecturer
S.V. Okeke, B.Sc., M.Sc. (Imo)	Assistant Lecturer
U.O. Nwabunze. B.A., M.A. (Nigeria)	Assistant Lecturer
I.P. Ugbor, B.A., M.A. (Nigeria)	Assistant Lecturer
F.O. Ogbobe, B.Sc (Enugu), M.Sc. (Awka)	Higher Technical Officer I
D.C. Ezech, B.A. (Nigeria), M.A. (Nigeria)	Graduate Assistant
U.J.Ololo, B.A. (Nigeria)	Graduate Assistant
C.O. Eziokwu, B.A. (Nigeria)	Chief Laboratory Supervisor
C. E. Didiugwu, B.A. (Nigeria)	Senior Technologist
I. Elike, B.A. M.A. (Nigeria)	Higher Technical Officer
N. Ezeah, B.Ed. (Nigeria)	Technologist II
E.C. Eze, B.Sc. (Nigeria)	Technologist II
B.B. Gbadamosi, B.Sc (Lagos)	Higher Technical Officer II
M.C. Ogbonna, HND. (Enugu)	Technical Instructor
C.M. Ozioko B.A. (Nigeria)	Higher Technical Officer II
A. Okechukwu-Eze, B.Sc. (Enugu)	Higher Technical Officer II
P.O. Chukwusili, OND, (Oko)	Technical Officer
P.C. Oloto, HND. (Enugu)	Higher Technical Officer II
A. Aja, B.A. (Nigeria)	Higher Technical Officer II
B.U. Anyakoha, B.Sc. (Abia)	Higher Technical Officer II
U.R. Ogbuka, B.A. (Nigeria)	Higher Technical Officer II
R.C. Emeribe, Hnd. (Enugu)	Higher Technical Officer II
S.C. Ogbonna, B.A. (Benin)	Higher Technical Officer II
M.C. Ogu, B.Ed. (Nigeria)	Senior Data Operator I

### Brief History

In 1961, history was made in sub-Saharan Africa when a Department of Mass Communication, then known as the Jackson College of Journalism, was established at the University of Nigeria, Nsukka "with virtually a complete North American style school of Journalism curriculum, including heavy doses of advertising, public relations and so on. The initiative to set up the department was that of the founding father of the university, the late Dr. Nnamdi Azikiwe, the doyen of West African journalism. With the establishment of the department, the dream for the formal educational training for journalists and would-be journalists became a reality.

In September 1961, the department which was then named Jackson College of Journalism was opened, and the first to head it was Earl O. Roe, who incidentally was the only lecturer in the department at the time. It was Earl O. Roe who commenced journalism programme for the pioneer students who satisfied the admission requirements for entry into the department.

In early 1962, barely two years after its establishment, the Jackson College took a giant stride in the field of student journalism by launching the NSUKKA RECORD – a weekly newspaper. The idea was to provide a training ground for student journalists so that they would be properly groomed in the nitty-gritty of journalism, namely information, education and entertainment.

In June 1964, Zik's dream was eventually actualized with the graduation of four of the pioneer students of the college, the first in sub-Saharan Africa. The accomplishment of this goal was highly significant in view of the human and material resources problems that marked the beginning and progression of the college. In May 1964, the college had organized a dinner to mark the graduation event which, going by its significance, was an event of epochal magnitude. On that historic occasion, Dr. Nnamdi Azikiwe, who was the chancellor of the University of Nigeria, said inter alia:

We are making history tonight in that we have gathered here to honour the prospective graduates of the Jackson College of Journalism, who will receive their baccalaureate degrees in a few days. This incident will be history in the making, because for the first time in the annals of West Africa, an indigenous university will endorse the professional competence of journalists who have passed through the crucible of systematic university education.

In 1965, the department graduated ten students. In 1966, it produced twelve graduates, and in 1967, just on the eve of the outbreak of the Nigerian Civil War, it graduated fifteen students. This progress was,

however, momentarily halted by the ravages of the civil war which reduced the college to a ghost of its former self by robbing it of its facilities and its entire founding academic staff.

However, the college came back to life once more in 1970 after the civil War with its own products as new academic staff. This time, the name Jackson college of Journalism was replaced with the Department of Mass Communication to reflect the department's new course offerings.

To complete the newness circuit, the departmental newspaper, - the *Nsukka Record*, was revived in 1971 with the name- *The Record*. The year 1971 was another milestone on the road to progress because it marked the production of the first batch of the department's post-war graduates after the wreckage of war.

### **Philosophy**

The founders of the University of Nigeria believed that there was need to train Nigerians locally and in sufficient numbers for the formidable task of informing and guiding contemporary and future generations. Based on this philosophy, the University had as one of its original curricula, this degree in communication education.

It was hoped that graduates of the programme would be able to contribute to the development of the country through the power of the pen applied not only through the press but through the vast reaches of the broadcast media, film production and allied persuasive fields namely, public relations and advertising.

### **Objectives**

The objectives of the undergraduate degree programme in Mass Communication are:

1. to prepare the graduates of the department to respond to the industrial and national needs of Nigeria's developing economy,
2. to produce graduates who would work for and then manage media institutions,
3. to offer training in communication skills and
4. to expose students to a broad liberal education within the University's philosophy of turning out the total man.

### **Scope**

The department offers three- and four-year first degree programmes in Mass Communication. This curriculum is designed to enable students to gain expertise in various areas of the mass media and grounding in liberal education through exposure to courses in such areas as General Studies, major courses, required ancillary and elective courses. Recommended areas of study for the elective courses include Economics, English, History, Languages, Philosophy, Political Science, Psychology and Sociology.

The professional courses in Mass Communication provide the student with an understanding of the principles of mass communication and an opportunity to develop techniques in written and audio-visual communication. The required and elective courses give the student the essential background knowledge which he/she requires for effective communication in modern society. The department provides practical training in newspaper and magazine reporting, editing and publishing as well as in broadcasting.

### **Entry Requirements**

There are two modes of admission into the department: U.M.E. and Direct Entry. Candidates seeking admission through the U.M.E. are required to have five credit level passes in the Senior Secondary Certificate Examination (S.S.C.E.) or its equivalent. These should include English Language, Literature in English and an approved science subject. A pass in Mathematics is also required.

To qualify for Direct Entry, an applicant must possess the Higher School Certificate/General Certificate of Education (G.C.E.) A' levels with pass in two Arts subjects and credit passes in English Language, Literature in English and an approved science subject plus a pass in Mathematics in the S.S.C.E. or its equivalent.

Also qualified for Direct Entry are those holding the Diploma in Mass Communication of the University of Nigeria or the Ordinary National Diploma (OND) in Mass Communication from any recognised institution with at least a merit or lower credit grade. Such candidates should also have four credit level passes including English Language, Literature in English and an approved science subject plus a pass in Mathematics in the S.S.C.E. or its equivalent.

### **Job Opportunities**

Graduates of the bachelor's degree programme in Mass Communication can work as journalists in the print and broadcast media as well as in the new media such as the World Wide Web (www). They can

serve as press secretaries and advisers/assistants on information and media matters to political leaders. They can also work as programme producers and presenters in broadcast stations; as editorial staff in book and magazine publishing outfits; as managers, copy writers and client service personnel in advertising agencies; as public relations officers and corporate affairs personnel in agencies, companies and institutions and as information officers at every tier of government.

### **First Semester**

CODE	TITLE	UNITS
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#### **Major Courses**

MAC 101	Introduction to Mass Communication	4
MAC 103	History of the Nigerian Mass Media	2
MAC 111	Elements of Journalistic Style	2

#### **General Studies Courses**

GSP 101	Communication in English I	2
GSP 111	The Use of Library & Study Skills	2
GSP 207	Logic Philosophy & Human Existence	2

#### **Required Ancillary Courses**

PHI 101	Introduction to Philosophy I	2
POL 114	Nigerian Legal System I	2

#### **Electives: Choose one Course**

ELS 104	Introduction to Nigerian Literature I	2	
ELS 141	Introduction to Fiction	3	
FRE 101	Elementary French I	2	
HIS 103	Major World Civilizations	3	
HIS 111	Nigeria from 1500 to 1800	2	
HIS 121	History of Africa from 1500 – 1800 A.D.	3	2or3
			<u>20/21</u>

### **Second Semester**

CODE	TITLE	UNITS
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#### **Major Courses**

MAC 102	African Communication Systems	4
MAC 112	Writing for the Mass Media	2
MAC 132	Typesetting	2

#### **General Studies Courses**

GSP 102	Communication in English II	2
GSP 208	Nigerian Peoples & Culture	2

#### **Required Ancillary Courses**

PHI 102	Introduction to Philosophy II	2
POL 115	Nigerian Legal System II	2

#### **Electives: Choose one Course**

ELS 105	Introduction to Nigerian Literature II	2	
ELS 121	Basic English Grammar and Composition	3	3
FRE 102	Elementary French II	2	
HIS 122	History of West Africa from 1500 A.D. to the Present 2	2	
HIS 131	Europe to the Age of Revolutions	2	
THA 132	Basic Communication Theory	3	2or3
			<u>19/20</u>

### **Second Year**

#### **First Semester**

CODE	TITLE	UNITS
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#### **Major Courses**

MAC 201	Theories of Mass Communication	2
MAC 203	Reporting	2
MAC 205	Graphics of Mass Communication	2
MAC 211	Critical and Review Writing	2
MAC 221	Announcing and Performance	2
MAC 241	Principles of Public Relations	2
MAC 261	Introduction to Film	2

#### **General Studies Courses**

GSP 105	Natural Science I	2	
GSP 201	Peace and Conflict Resolution I	2	
<b>Required Ancillary Courses</b>			
COS 101	Introduction to Computer Science	2	
<b>Electives: Choose one Course</b>			
MAC 243	Marketing Foundations for Advertising and Public Relations	2	
POL 101	Introduction to Political Science I	2	
SOC 101	Introduction to Sociology I	2	
POL 211	Nigerian Politics and Government I	2	2
			<hr/> 22
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
MAC 202	Media and Society	2	
MAC 204	Information and Communication Technologies	2	
MAC 212	News Writing	2	
MAC 222	Principles of Broadcasting	2	
MAC 242	Principles of Advertising	2	
MAC 252	Media Attachment	2	
<b>General Studies Courses</b>			
GSP 106	Natural Science II	2	
GSP 202	Peace and Conflict Resolution II	2	
<b>Electives: Choose two Courses</b>			
MAC 244	Fundamentals of Media Relations	2	
POL 102	Introduction to Political Science II	2	
POL 212	Nigerian Politics and Government II	2	
PSY 103	Determinants of Behaviour	2	
SOC 102	Introduction to Sociology II	2	
SOC 251	Social Changes and Social Problems	3	4or5
			<hr/> 20/21
<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
MAC 301	Development Journalism	2	
MAC 311	Feature and Interpretative Writing	3	
MAC 313	Magazine Article Writing	3	
MAC 321	Radio/TV Programme Writing and Production	2	
MAC 331	News Editing	2	
MAC 333	Fundamentals of Book Publishing	2	
MAC 361	Photojournalism	2	
<b>Required Ancillary Courses</b>			
CED 341	Introduction to Entrepreneurship	2	
<b>Electives: Choose two Courses</b>			
MAC 323	Public Affairs Broadcasting	2	
MAC 341	Financial Relations	2	
MAC 343	Advertising Creative Strategies and Tactics	2	2
MAC 345	Consumer Affairs	2	
			<hr/> 20
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
MAC 302	Specialised Reporting	2	
MAC 312	Editorial Writing	2	
MAC 322	Broadcast Programming	2	
MAC 332	Newspaper Production	2	
MAC 334	Magazine Production	2	
MAC 352	Media Attachment	2	
MAC 382	Introduction to Mass Communication Research	2	
MAC 384	Advertising and Public Relations Research	2	

**Required Ancillary Courses**

COS 304	Computer Applications		3
CED 342	Business Development and Management		2
<b>Electives: Choose one Course</b>			
MAC 314	Broadcast Commentary and Critical Writing	2	2
MAC 342	Community Relations	2	
			<hr/> 23

**Fourth Year**

**First Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
MAC 401	Mass Communication Law and Ethics		2
MAC 403	International Communication		2
MAC 421	Advanced Radio/TV Production		2
MAC 431	Advanced Newspaper Production		2
MAC 433	Advanced Magazine Production		2
MAC 435	Print Seminar		2
MAC 441	Advanced Public Relations		2
<b>Electives: Choose two Courses</b>			
MAC 423	Station Management and Operations	2	
MAC 425	International Broadcasting	2	
MAC 443	International Public Relations	2	
MAC 445	Organisation and Management of Advertising and Public Relations Agencies	2	4
			<hr/> 18

**Second Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
MAC 402	Media Management		2
MAC 422	Broadcast Seminar		2
MAC 442	Advanced Advertising		2
MAC 462	Documentary Film Production		2
MAC 490	Project		6
<b>Electives: Choose two Courses</b>			
MAC 412	Film Criticism	2	
MAC 424	Educational Broadcasting	2	
MAC 444	Special Topics in Advertising and Public Relations	2	
MAC 446	Multinational Advertising	2	4
			<hr/> 18

**Three-Year Standard Degree Programme**

**First Year**

**First Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
MAC 101	Introduction to Mass Communication		4
MAC 103	History of the Nigerian Mass Media		2
MAC 111	Elements of Journalistic Style		2
MAC 203	Reporting		2
<b>General Studies Courses</b>			
GSP 101	Communication in English I		2
GSP 105	Natural Science I		2
GSP 111	The Use of Library & Study Skills		2
GSP 201	Peace and Conflict Resolution I		2
GSP 207	Logic Philosophy & Human Existence		2
<b>Required Ancillary Courses</b>			
PHI 101	Introduction to Philosophy I		2
POL 114	Nigerian Legal System I		2
			<hr/> 24

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MAC 102	African Communication Systems	4
MAC 132	Typesetting	2
MAC 202	Media and Society	2
MAC 212	News Writing	2
<b>General Studies Courses</b>		
GSP 102	Communication in English II	2
GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution II	2
GSP 208	Nigerian Peoples and Culture	2
<b>Required Ancillary Courses</b>		
PHI 102	Introduction to Philosophy II	2
POL 115	Nigeria Legal System II	2
		22
<hr/>		
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MAC 201	Theories of Mass Communication	2
MAC 205	Graphics of Mass Communication	2
MAC 221	Announcing and Performance	2
MAC 241	Principles of Public Relations	2
MAC 311	Feature and Interpretative Writing	3
MAC 313	Magazine Article Writing	3
MAC 321	Radio/TV Programme Writing and Production	2
MAC 331	News Editing	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
CED 341	Introduction to Entrepreneurship	2
		22
<hr/>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MAC 222	Principles of Broadcasting	2
MAC 242	Principles of Advertising	2
MAC 252	Media Attachment	2
MAC 302	Specialised Reporting	2
MAC 322	Broadcast Programming	2
MAC 332	Newspaper Production	2
MAC 334	Magazine Production	2
MAC 382	Introduction to Mass Communication Research	2
MAC 384	Advertising and Public Relations Research	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
		22
<hr/>		
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MAC 211	Critical and Review Writing	2
MAC 333	Fundamentals of Book Publishing	2
MAC 361	Photojournalism	2
MAC 401	Mass Communication Law and Ethics	2
MAC 403	International Communication	2
MAC 421	Advanced Radio/TV Production	2
MAC 431	Advanced Newspaper Production	2
MAC 433	Advanced Magazine Production	2
MAC 435	Print Seminar	2



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MAC 441	Advanced Public Relations		2
<b><i>Electives: Choose one Courses</i></b>			
MAC 423	Station Management and Operations	2	
MAC 425	International Broadcasting	2	
MAC 443	International Public Relations	2	
MAC 445	Organisation and Management of Advertising and Public Relations Agencies	2	2
			<hr/> 22
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b><i>Major Courses</i></b>			
MAC 204	Information and Communication Technologies		2
MAC 312	Editorial Writing		2
MAC 402	Media Management		2
MAC 422	Broadcast Seminar		2
MAC 442	Advanced Advertising		2
MAC 462	Documentary Film Production		2
MAC 490	Project		6
<b><i>Electives: Choose two Courses</i></b>			
MAC 412	Film Criticism	2	
MAC 424	Educational Broadcasting	2	
MAC 444	Special Topics in Advertising and Public Relations	2	
MAC 446	Multinational Advertising	2	4
			<hr/> 22

## Department of Music

### ***Staff***

C. U. Onyeji, B.A., M.A. (Nigeria), D.Mus. (Pretoria)	Professor
M.C. Anya-Njoku, B.A., M.A. (Nigeria) P h.D. (Awka)	Senior Lecturer/Head
A. O. Adeogun, B.A., M.A. (Nigeria), D.Mus. (Pretoria).	Senior Lecturer
M.T. O. Keke, (Rev. Sr.), B. A., M.A (Rome)	Senior Lecturer
I. I. Forchu, B. A., M. A. (Nigeria), M.A (Jos), P h.D. (Awka)	Research Fellow I
I.E. Onwuegbuna, B. A., M. A. (Nigeria), Ph.D. (Awka)	Lecturer I
B. N. Agbo, (Rev Fr.) B. Phil. (Enugu), B. A., M.A. (Nigeria) P h.D. (Awka)	Lecturer I
E. I. Onyeji, B. A, M. A. (Awka)	Lecturer I
J. I. Ewulu, B. A., M.A. (Nigeria)	Lecturer II
J. O. Nwankwo, B. A., M.A. (Nigeria)	Lecturer II
F.O. Ezeugwu, BA,M.A. (Nigeria), Ph. D (Awka)	Lecturer II
C. C. Ukwueze, B.A., M.Ed. (Nigeria)	Lecturer II
E.P. Sylvanus, B. A., M.A. (Nigeria), M. A. (London)	Assistant Lecturer
S. O. Onu, B.A., M.A. (Nigeria)	Assistant Lecturer
F. N. Chijioko, B. A., M. A. (Nigeria)	Assistant Lecturer
C. C. Onyekwelu, B.A, (Nigeria)	Graduate Assistant
S.U. Eze, B.A (Nigeria).	Graduate Assistant
A. I. Eze, B.A. (Nigeria)	Graduate Assistant
M. C. Uzoma, B.A., (Nigeria)	Graduate Assistant
E. C. Nnanyelugo, B.A., (Nigeria)	Graduate Assistant
O. S. Anyanwu, B.A., (Nigeria)	Graduate Assistant
A.I. Uzoma, B.A., (Nigeria)	Graduate Assistant
D. D. Baba, B.A., (Nigeria)	Graduate Assistant
A. U Echezona, B.A, PGD, M. Ed. (Nigeria)	Technical Instructor I
S. Onokere, B.A, (Nigeria)	Technical Instructor II
E.C. Arene, B.A., (Nigeria)	Technical Instructor II
K. N. Ozoani, B.A, (Nigeria)	Principal Technical Officer II
C. C. Ike, B.A., (Nigeria)	Higher Technical Officer II
T.S. Orakwe, B.A, (Nigeria.)	Higher Technical Officer II
S.A. Dimelu, B.A., (Nigeria)	Higher Technical Officer II
C.J. Nwokike, B.Sc., (Nigeria)	Asst. Chief Technologist
A.O. Ayanda, NCE, B.A, (Nigeria)	Technologist II
G.N. Nnaji, B.A, (Nigeria)	Technologist II

G.O. Echezona, BA.,M.A (Nigeria)  
 M.G. Imeri, B.A, (Nigeria)  
 R. U. Urama, B.Ed, (Nigeria)

L.N. Ugwuoke,

T.J. Ugwueze, B.Sc. (Nigeria)

T.U. Ojomah, B.Ed, (Nigeria)

Curator  
 Curator  
 Data Processing Officer I  
 Chief Data Entry  
 Operator/Assistant Executive  
 Officer  
 Higher Executive Officer  
 Head Cleaner Messenger

### **Brief History**

The Department of Music, University of Nigeria, started in 1961, is the first full-fledged Department of Music in Nigeria. From the beginning, the department introduced what is called a “bi-musical” programme which placed the teaching of Western and African music at par. In 1965 the department graduated its first set of four music students. In 1988 it started postgraduate programme with specialization in music education, music theory and composition and African music. The Nigerian civil war of 1967-1970 disrupted the academic growth of the department. All the instructional materials and musical instruments and equipment were lost or destroyed. In spite of efforts made since the end of the war, the department has not completely recovered from the ravages of the war nor has it received deserving attention for purposes of rehabilitating it adequately. Nevertheless, trickling resources over the years have been properly managed to keep the department in shape and functioning.

### **Philosophy, Objectives and Scope**

The above programmes are designed to produce skillful, versatile and experienced musicians, emphasis being placed on performance and competent musicianship. The theoretical and practical courses serve to explain and complement one another, thus preparing the graduates and diplomats to appreciate, analyse, practise and communicate African and world music as performance as well as literary art.

The last two years of the degree programmes introduce areas of professional specialization in Composition, Performance, Ethnomusicology, Music Education, and Music Instrument Technology according to skills and aptitudes in order to consolidate, extend and develop the basic knowledge and skills acquired in earlier year(s). Required ancillary/elective courses ensure an overall balance of the programmes.

### **Entry Requirements**

#### **The University of Nigeria minimum entry requirements in addition to:**

- (a) 5-credit level passes in the WASC/GCE O/L/NECO (including English Language and any science subject) at not more than two sittings.
- (b) 3-year B.A. Honours Degree programme by direct entry and audition for those who already hold N.C.E. single major, O.N.D. in Music or Pass Grade in Diploma in Music Education of the University of Nigeria, or equivalent qualifications acceptable to Senate.
- (c) 2-year B.A. Honours Degree programme by direct entry and audition for those who already hold the N.C.E, Double major (Music) or not less than merit pass of the Diploma in Music Education of the University of Nigeria, or equivalent qualifications acceptable to Senate.

All applicants, by whichever mode they seek admission, must satisfy the Department of Music of their basic musical aptitude and competence at a specially conducted departmental audition. This consists of written (theoretical), practical examinations. Candidates are recommended for admission only after they have successfully passed the audition, which normally holds in the last Thursday and Friday in August each year.

### **Job Opportunities**

The above programmes of study prepare students for professional practice as music teachers in schools and colleges, broadcasters in media houses, researchers and producers in Research Centres, Museums, Arts Councils and Performing Arts Organizations, also as self-employed professionals in the areas of performances, artists organizers, musical instrument manufacturers, etc. A good pass qualifies a graduate to pursue further studies in Music, which could lead to employment in specialized and tertiary institutions such as the Universities. The Department of Music provides avenue for a strong foundation in performance and musical theatre experiences.

### **Stress Areas**

Acoustics and Music Technology	0
General Courses (Rudiments)	1

Theoretical Courses – Harmony, Counterpoint and Analysis	2
History and Form of Western Music	3
African Music Theory and Ethnomusicology	4
Keyboard Work	5
Individual Performance, Instrument/Voice/Group Performance:	
Ensembles, Choirs, Bands	6
Aesthetics and Criticism Course	7
Music Education Courses	8
Research Methods/Project	9

**Standard Four-Year Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

MUS 101	Music as an Art and Science	2
MUS 111	Rudiments of Music	1
MUS 121	Foundations of Musicianship I	1
MUS 123	Tonal Harmony I	1
MUS 141	African Music: Music and Society I	2
MUS 143	Introduction to Popular Music	1
MUS 161	Primary Instrument/Voice I	1
MUS 163	Performance Workshop – Western Ensembles I	1
MUS 165	Performance Workshop – African Ensembles I	1
MUS 167	Secondary Instrument I	1

**General Studies Courses**

GSP 101	Use of English I	2
GSP 103	Social Science I	2

**Electives: Choose one Course**

ELS 111	Introduction to Oral Literature	3
IGB 101	Elementary Igbo I	2
YOR 101	Elementary Yoruba I	2
HAU 101	Elementary Hausa I	2
LIN 141	Introduction to Linguistics I	3
PHL 101	Introduction to Philosophy I	2
MAC 102	History of the Nigerian Mass Media	2
		2 or 3
		18/19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

MUS 122	Foundations of Musicianship II	1
MUS 124	Tonal Harmony II	1
MUS 132	Survey of History of Western Music I	2
MUS 144	Popular Music in Nigeria	1
MUS 152	Basic Keyboard Studies	1
MUS 162	Primary Instrument II	1
MUS 164	Performance Workshop – Western Ensembles II	2
MUS 166	Performance Workshop – African Ensembles II	2
MUS 168	Secondary Instrument II	

**General Studies Courses**

GSP 102	Use of English II	2
GSP 104	Social Science II	2

**Electives: Choose one Course**

PHL 102	Introduction to Philosophies	2
LIN 142	Introduction to Linguistics II	3
IGB 102	Elementary Igbo II	2
YOR 102	Elementary Yoruba II	2
HAU 102	Elementary Hausa II	2
		2 or 3
		17/18

**Second Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MUS 201	Music Business and Media Practices	1
MUS 221	Foundations of Musicianship III	1
MUS 223	Tonal Harmony III	2
MUS 241	African Music: Theoretical Studies I	2
MUS 243	African Music: Music and Society II	2
MUS 231	Basic Keyboard Studies II	1
MUS 261	Primary Instrument/Voice III	1
MUS 263	Performance Workshop – Western Ensembles III	2
MUS 265	Performance Workshop – African Ensembles III	2
MUS 267	Secondary Instrument III	1
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
CDR 341	Entrepreneurship	2
<b>Electives: Choose one Course</b>		
IGB 201	Intermediate Igbo I	2
YOR 201	Intermediate Yoruba I	2
HAU 201	Intermediate Hausa I	2
TFS 102	Introduction to Drama and Theatre	3
MAC 261	Introduction to Film	3
PHL 131	Introduction to Logic and Clear Thought I	3
		2or3
		<u>21/22</u>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MUS 202	Computer Music Application	1
MUS 222	Foundations of Musicianship IV	1
MUS 224	Tonal Harmony IV	1
MUS 232	Western Music before 1750	2
MUS 242	African Music: Theoretical Studies II	2
MJS 252	Basic Keyboard Studies III	1
MUS 262	Primary Instrument/Voice IV	1
MUS 264	Performance Workshop – Western Ensembles IV	2
MUS 266	Performance Workshop – African Ensembles IV	2
MUS 268	Secondary Instrument IV	1
<b>General Studies Courses</b>		
GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution II	2
CDR 342	Entrepreneurial II	2
<b>Electives; Choose one Course</b>		
PHL 132	Introduction to Logic and Clear Thought II	2
IGB 202	Intermediate Igbo II	2
YORN202	Intermediate Yoruba Igbo II	2
HAU 202	Intermediate Hausa II	2
TFS 130	Basic Acting Skills	3
		2or3
		<u>22/23</u>

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MUS 331	Western Music after 1750	2
MUS 341	African Music: Theoretical Studies II	1
MUS 341	African-American Music	2
MUS 351	Elementary Keyboard Harmony	1
MUS 361	Primary Instrument/Voice V	2
MUS 363	Performance Workshop – Western Ensembles V	2
MUS 365	Performance Workshop – African Ensembles V	2
MUS 367	Secondary Instrument/Voice I	1

MUS 381	Teaching Methods in Music	2
<b>Required Ancillary Course</b>		
COS 101	Introduction to Computer Science	2
		17

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

MUS 302	Introduction to Musical Instrument Technology	2
MUS 322	Composition	2
MUS 324	Conducting and Performance Management	2
MUS 326	Orchestration	1
MUS 342	Music of Other Cultures of the World	1
MUS 362	Primary Instrument/Voice VI	1
MUS 364	Performance Workshop – Western Ensembles IV	2
MUS 366	Performance Workshop – African Ensembles IV	2
MUS 368	Secondary Instrument/Voice II	1
MUS 392	Research Method and Preparatory Studies in Music	2

**Required Ancillary Course**

COS 304	Computer Applications	3
		19

**Fourth Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

MUS 401	Acoustics of Music	2
MUS 421	Fugue	2
MUS 425	Analysis of Tonal Music	2
MUS 427	Analysis and Analytical Method for 20 <sup>th</sup> C. Music	2
MUS 451	Keyboard Harmony and Accompaniment	2
MUS 461	Primary Instrument/Voice VII	2
MUS 463	Performance Workshop – Western Ensembles VII	1
MUS 465	Performance Workshop – African Ensembles VII	1
MUS 467	Secondary Instrument/Voice III	1
MUS 471	Criticism and Musical Scholarship	3
		18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

MUS 402	Music Technology	2
MUS 422	Modern Compositional Techniques	2
MUS 442	African Music: Historiography, Theoretical Issues and Contemporary Development	3
MUS 462	Primary Instrument/Voice VIII	2
MUS 464	Performance Workshop – Western Ensembles VIII	2
MUS 466	Performance Workshop – African Ensembles VIII	2
MUS 4068	Secondary Instrument/Voice IV	1
MUS 490	Project	4
		18

**Three-Year Degree Programme**

**Year 1:** 200 LEVEL OF 4 YEAR PROGRAMME

**Year 2:** 300 LEVEL OF 4 YEAR PROGRAMME

**Year 3:** 400 LEVEL OF 4 YEAR PROGRAMME

**Two-Year Degree Programme**

**Year 1:** 300 LEVEL OF 4 YEAR PROGRAMME

**Year 2:** 400 LEVEL OF 4 YEAR PROGRAMME



Ikorodu musicians performing in Princess Alexandria Auditorium

#### Department of Theatre and Film Studies

##### Staff

U.C. Nwaozuzu, B.A., M.A Ph.D. (Nigeria)	Reader/Head
E.P. Nwabueze, B.A, PGDE. (Nigeria), M.A, (Michigan) Ph.D.(Bowling Green)	Professor
N.O. Eze, B.A., M.A, Ph.D. (Nigeria)	Senior Lecturer
I. Ugwu, B.A. (Jos), M.A, Ph.D. (Nigeria)	Senior Lecturer
G.N. Mbajorgu, B.A., M.A. (Nigeria)	Senior Lecturer
N.N. Udengwu, B.A., M.A., Ph.D. (Nigeria)	Senior Lecturer
C.O. Amonyeze, B.A., M.A., Ph.D. (Nigeria)	Senior Lecturer
A.C. Okeke, B.A., M.A. Ph.D. (Nigeria)	Lecturer I
N.M. Nnanna, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
M.A. Ezech, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
E.P. Aniago, B.A (Awka), M.A. (Nigeria), Ph.D. (Wales)	Lecturer I
Okoli, Obi Umunna, B.A., M.A. (Ibadan)	Lecturer II
N.T. Obasi, B.A., M.A. (Nigeria)	Lecturer II
E.M. Igwe, B.A., (Nigeria), M.A. Ph.D. (Birmingham)	Lecturer II
J.C. Ezech, B.A., M.A. (Nigeria)	Lecturer II
O. Ekwueme, B.A., M.A. (Nigeria)	Lecturer II
I.U. Erojikwe, B.A., M.A., Ph.D. (Nigeria)	Assistant Lecturer
C.A. Ezeugwu, B.A., M.A., Ph.D. (Nigeria)	Assistant Lecturer
C.C. Nwabueze, B.A (Abuja) M.A. (Lagos)	Assistant Lecturer
R.N. Umezinwa, B.A. (Nigeria)	Graduate Assistant
A.C. Nwosu, B.A. (Nigeria)	Graduate Assistant
K.C. Okpeh, B.A. (Nigeria)	Graduate Assistant
I.P. Orji, B.A. (Nigeria)	Graduate Assistant
D.O. Chibuko, B.A. (Nigeria)	Graduate Assistant
J.O. Igbonekwu, B.A. (Calabar)	Chief Tech. Instructor
N.G. Ibeli, B.A. M.A. (Nigeria)	Senior Tech. Officer
L.O. Inya, B.A. PGD. (Nigeria)	Senior Tech. Officer
E U. Okoli, B.A. M.A. (Nigeria)	Senior Tech. Officer
J.C. Eze, B.A. (Nigeria)	Higher Technical Officer 11
F.O. Joshua, B.A. (Imo)	Technical Instructor 11

C.E. Okeke, B.A. (Zaria)  
C.E. Nwankwo, B.A. (Lagos)

Higher Technical Officer 11  
Higher Technical Officer 11

### **Brief History**

The Department of Theatre and Film Studies, also known as the Robeson School of Dramatics is named after renowned African America actor Paul Robeson. It started as Sub-Department of Dramatic Arts which came into effect after the approval by the Senate at its 138<sup>th</sup> meeting held on July 6, 1983 in the Continuing Education Centre, UNN. Before this approval, Drama was offered as a stress area for the B.A. English degree in the Department of English. This goes as far back as 1965.

The Dramatic Arts programme, referred to by the founding fathers of the university as the Robeson College of Dramatics, was provided for, building-wise, as one of the pioneer disciplines of the University of Nigeria at its inception in 1960 but because of staffing problems, the discipline was attached for a long time to the Department of English as a stress area. It was not until the 1982/83 academic session that Dramatic Arts was upgraded to a Sub-Department level thereby making it quasi-independent and giving it positive encouragement to run its own programmes and administration. From that time onwards, the Department began to award a degree in Dramatic Arts, and the Co-ordinator of Dramatic Arts became a member of the University Senate. Both the Joint Universities Action Committee (JUAC) 1966, the predecessor of the present-day NUC, and the NUC have in their separate reports endorsed the Dramatic Arts discipline in the University of Nigeria. The Department achieved a full departmental status in 2004 and changed nomenclature to Theatre and Film Studies in 2006.

The Department of Theatre and Film Studies can boast of a high rate of retention for both staff and students. From an academic strength of 3 in 1981/82 the number rose to 10 in 1983/84 and 14 in 1984/85. Today, we have a total of 10 academic, 3 technical and 3 support (administrative) staff. Correspondingly our student admission rose from 10 in 1983/84 to 95 in 1989/90 academic year to 220 presently. Our graduation figures rose from 3 in 1986/87 to an expected figure of 62 in the present 2016/17 academic year. The current students' population is over 270 while of postgraduate student population is over 80.

The Theatre and Film Studies programme at the University of Nigeria offers four years of formal studies (for JME entrants) and three years (for Direct entry candidates). The programme combines a strong theoretical base with practical technical and management studies. There is an option for industrial attachment but practical work is mandatory within the departmental through dramatic productions for students. Field visits to selected organizations and locations are also undertaken. Theatre Laboratory, a three level course, is used to assess the practical activities of students.

The Department of Theatre and Film Studies offers a four-year honours degree programme in Theatre Arts. It also offers a three-year B.A. programme and a combined honours degree programme with related departments in the Faculty of Arts.

### **Vision**

The vision of the department is to produce sound and well rounded professionals for the media and entertainment industry in Nigeria and beyond. It also aims at empowering them economically and technologically through the creation of skills\ wealth that would enable them to compete nationally and globally in the various spheres of communication and entertainment media.

### **Philosophy**

The philosophy behind the programme is hinged on producing graduates that possess appropriate management, intellectual and business skills. It is an ideal that sees creativity and innovation as indispensable to the modern world of information technology, globalization and cultural\national interests.

### **Scope**

The Theatre and Film Studies programme is structured to accommodate both human and social concerns, and it is deemed adequate for students who intend to work in Media Houses, Film Industry, Performing Arts Establishments, Public Relations Outfits, Consultancy, Personnel Management and Publishing Houses or those who wish to set up their own business concern on graduation. The programme also presents the necessary background required for the entrant into professional training at the postgraduate level.

The requirements for award of the degree include the completion of the General Studies Programme of the University, required ancillary courses, necessary electives and the completion of specialized courses in Theatre Arts.

**Departmental Entry Requirements****a) UME**

Prospective degree candidates must satisfy both the University minimum entry and specific Departmental requirements. The Department specifically requires that:

Four-Year B.A. programme candidates in addition to the University minimum entry requirements must have passed English Language and English Literature at least at credit level in the West African School Certificate or an equivalent examination.

**b) Direct Entry**

Three-year B.A. programme candidates must possess either a diploma\or certificate from a recognized institution of higher learning or must have passed English Literature at the G.C.E. A\level. All candidates admitted into the Department must take two years of a language course other than English. University regulations also require all students to take General Studies (GS) courses.

**Job Opportunities**

Job Opportunities for Graduates of Theatre and Film Studies exist in the public service, particularly in teaching, administration and broadcasting. In addition cultural centers, the movie industry, public relation establishments and publishing houses need graduates equipped with the kind of expertise the programme imparts. Graduates of Theatre Arts may become self-employed as writers, critics, film-makers, journal and book publishers, actors and theatre directors.

**Stress Areas**

History and Foundation	0
Dramatic Theory, Literature and Criticism	1
Technical Theatre	2
Acting and Dance	3
Directing and Theatre Administration	4
Playwriting	5
Educational Theatre	6
Film and Media Theatre	7
Research	8
Project	9

**Four-Year Standard Degree Programme****First Year****First Semester****Major Courses**

CODE	TITLE	UNITS
TFS 101	Traditional African Festival Theatre	3
TFS 103	Introduction to Drama and Theatre	3
TFS 121	Beginning Theatre Design and Technology	2
TFS 171	Introduction to Film, Radio and TV Drama	3

**Ancillary: Choose one Course**

FRE 101	Elementary French I	2	
GER 101	Elementary German I	2	
IGB 101	Elementary Igbo I	3	
CHN 101	Elementary Chinese	2	2or3

**General Studies Courses**

GSP 101	The Use of English I	2
GSP 103	Social Science I	2

**Electives: Choose one Course**

ELS 151	Introduction to Poetry	3	1,2,or3
ELS 141	Introduction to Fiction	3	
FAA 101	Basic Drawin	3	
PHI 101	Introduction to Philosophy	2	
MUS 161	Primary Instrument/ Voice I	1	

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 17/17/18
**Second Semester****Major Courses**

CODE	TITLE	UNITS
TFS 102	Practical Participation Orientation	3



TFS 104	History of Drama and Theatre: From Beginning to Medieval Period	2	
TFS 132	Basic Communication Theory	2	
TFS 134	Basic Acting Skills	3	
<b>Ancillary: Choose one Course</b>			
FRE 102	Elementary French II	2	
GER 102	Elementary German II	2	
IGB 102	Elementary Igbo II	3	2or3
<b>General Studies Courses</b>			
GSP 102	The Use of English II	2	
GSP 104	Social Science II	2	
		16/17	
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<b>Second Year</b>			
<b>First Semester</b>			
<b>Major Courses</b>			
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>	
TFS 201	African drama and Theatre: The colonial Era	2	
TFS 211	Introduction to Dramatic Literature Theory and Criticism	3	
TFS 221	Basic Lighting and Scene Design	1	
TFS 223	Basic Costume and Make-Up Studies	2	
TFS 231	Intermediate Acting	2	
TFS 233	Dance Drama	2	
TFS 235	Speech and Voice Production	1	
TFS 271	History of Film	2	
<b>Ancillary: Choose one Course</b>			
FRE 201	Intermediate French I	2	
GER 201	Intermediate German I	2	
IGB 201	Intermediate Igbo I	2	2
<b>General Studies Courses</b>			
GSP 102	The Use of English II	2	
GSP105	Natural Science I	2	
GSP 201	Peace and Conflict Resolution I	2	
		23	
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<b>Second Semester</b>			
<b>Major Courses</b>			
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>	
TFS 202	History of Drama and Theatre: Renaissance to the 19th Century	2	
TFS 232	Basic Non-Verbal Communication	2	
TFS 234	Basic Choreography and Kinaesthetic	2	
TFS 252	Fundamentals of Playwriting	2	
TFS 260	Children's Theatre	2	
TFS 262	Introduction to Theatre for Development (TfD)	2	
TFS 270	Acting for Film, Radio and TV	2	
<b>Electives: Choose one Course</b>			
FRE 202	Intermediate French II	2	
GER 202	Intermediate German II	2	
IGB 202	Intermediate Igbo II	2	2
<b>General Studies Courses</b>			
GSP 106	Natural Science II	2	
GSP202	Peace and Conflict Resolution II	2	
		20	
<hr/>			
<b>Third Year</b>			
<b>First Semester</b>			
<b>Major Courses</b>			
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>	
TFS 303	History of Drama and Theatre: The Modern Period	2	
TFS 341	Introduction to Directing	3	
TFS 343	Theatre Administration	2	
TFS 363	Community Theatre Project	2	

TFS 371	Scripting for the Media Theatre	2	
TFS 373	Film editing	2	
TFS 381	Research Methods	2	
<b>Required Ancillary</b>			
COS 101	Introduction to Computer Science	3	
<b>Electives: Choose one Course</b>			
ANT 303	Nigerian People and Cultures	3	
MAC 333	Magazine Article Writing	2	
PHI 322	Aesthetics	3	2or3
			<hr/> 20/21

**Second Semester****Major Courses**

CODE	TITLE	UNITS	
TFS 302	Modern African Drama and Theatre	3	
TFS 322	Advanced Scene Design	2	
TFS 324	Costume Design and Production	2	
TFS 330	Dance Theories and Practice	2	
TFS 332	Advanced Acting	2	
TFS 344	Stage Management	1	
TFS 360	Theatre Workshop	2	
TFS 370	Film Theories	3	

**Required Ancillary**

COS 304	Computer Application	3	
			<hr/> 20

**Fourth Year****First Semester****Major Courses**

CODE	TITLE	UNITS	
TFS 413	Theories of Dramatis Criticism	3	
TFS 415	Shakespeare	3	
TFS 423	Advanced Lighting and Sound Design	3	
TFS 451	Major Nigerian Playwrights	3	
TFS 455	Advanced Playwriting	3	
TFS 475	Film Criticism	3	
			<hr/> 18

**Second Semester****Major Courses**

CODE	TITLE	UNITS	
TFS 402	Topics in Theatre Studies	3	
TFS 404	Oriental Theatre	2	
TFS 412	Studies in Dramatic Literature	3	
TFS 440	Advanced Play Production	4	
TFS 476	Film, Radio and TV Drama Production	3	
TFS 490	Project	4	
			<hr/> 19

**Three Year Standard Programme****First Year****First Semester****Major Courses**

CODE	TITLE	UNITS	
TFS 101	Traditional African Theatre	3	
TFS 103	Introduction to Drama and Theatre	3	
TFS 121	Beginning Theatre design and Technology	2	
TFS 171	Introduction to Film, Radio and T.V Drama	3	
TFS 231	Intermediate Acting	2	

**Ancillary: Choose one Course**

MAC 241	Principles of Public Relations	2	
FAA 201	Still-Life Drawing	2	2
ELS 221	Spoken English	2	

**General Studies Courses**

GSP101	The use of English 1		2
GSP 103	Social Science 1	2	
	OR		2
GSP 105	Natural Science I	2	
			19

**Second Semester****Major Courses**

CODE	TITLE		UNITS
TFS 104	History of Drama and Theatre from Beginning to Medieval Period		2
TFS 202	History of Drama and Theatre Renaissance to 19th Century		2
TFS 234	Basic Choreography and Kinaesthetics		2
TFS 252	Fundamentals of Playwriting		2
TFS 262	Introduction to Theatre for Development (TfD)		2
TFS 270	Acting for Film, Radio and TV		2

**General Studies Courses**

GSP 102	The Use of English II		2
GSP 104	Social Science II		2
GSP 106	Natural Science II		2
			18

**Second Year****First Semester****Major Courses**

CODE	TITLE		UNITS
TFS 303	History of Drama and Theatre: The Modern Period		2
TFS 341	Introduction to Directing		2
TFS 343	Theatre Administration		2
TFS 363	Community Theatre Project		2
TFS 371	Scripting for the Media Theatre		2
TFS 373	Film Editing		2
TFS 381	Research Methods		2

**General Studies Courses**

GSP 201	Peace and Conflict Resolution I		2
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**Required Ancillary**

COS 101	Introduction to Computer Science		2
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**Electives: Choose one Course**

ANT 303	Nigerian People and Culture	3	
MAC 333	Magazine Article Writing	2	
PHI 322	Aesthetics	3	2or3
			20/21

**Second Semester****Major Courses**

CODE	TITLE		UNITS
TFS 302	Modern African Drama and Theatre		3
TFS 322	Advanced Scene Design		2
TFS 324	Costume Design and Production		2
TFS 330	Dance Theories and Practice		2
TFS 332	Advanced Acting		2
TFS 344	Stage Management		1
TFS 360	Theatre Workshop		2
TFS 370	Film Theories		3

**General Studies Courses**

GSP 201	Peace and Conflict Resolution II		2
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**Required Ancillary**

COS 304	Computer Applications		3
			22

**Third Year****First Semester**

**Major Courses**

CODE	TITLE	UNITS
TFS 413	Theories of Dramatic Criticism	3
TFS 415	Shakespeare	3
TFS 423	Advanced Lighting and Sound Design	2
TFS 451	Major Nigerian Playwrights	3
TFS 455	Advanced Playwriting	3
TFS 475	Film Criticism	3
		<hr/> 17

**Second Semester****Major Courses**

CODE	TITLE	UNITS
TFS 402	Topics in Theatre Studies	3
TFS 404	Oriental Theatre	2
TFS 412	Studies in Dramatic Literature	3
TFS 440	Advanced Play Production	4
TFS 476	Film, Radio and TV Drama Production	4
TFS 490	Project	5
		<hr/> 21

**Combined Degree Programme****Theatre & Film Studies/English & Literary Studies****First Year****First Semester****Major Courses**

CODE	TITLE	UNITS
TFS 101	Traditional African Festival Theatre	3
TFS 103	Introduction to Drama and Theatre	3
TFS 171	Introduction to Film, Radio and TV Drama	3
ELS 111	Introduction to Nigerian Literature	3
ELS 121	Basic Grammar and Composition	3

**General Studies Courses**

GSP 101	The Use of English I	2
GSP 103	Social Science I	2
		<hr/> 19

**Second Semester****Major Courses**

CODE	TITLE	UNITS
TFS 102	Practical Participation Orientation	3
TFS 104	History of Drama and Theatre: From Beginning to Medieval	2
TFS 132	Basic Acting Skills	3
ELS 150	Introduction to Poetry	3
ELS 160	Introduction to Fiction	3

**General Studies Courses**

GSP 102	The Use of English II	2
GSP 104	Social Science II	2
		<hr/> 18

**Second Year****First Semester****Major Courses**

CODE	TITLE	UNITS
TFS 201	African Drama and Theatre: The Colonial Era	2
TFS 211	Introduction to Dramatic Literature Theory and Criticism	3
TFS 231	Intermediate Acting	2
TFS 233	Dance Drama	2
ELS 211	American Literature: Beginning to the Romantic Movement	3
ELS 213	English Literature: The Renaissance Period	3

**General Studies Courses**

GSP 105	Nature Science I	2
GSP 201	Peace and Conflict Resolution I	2
		<hr/> 19

**Second Semester****Major Courses**

CODE	TITLE	UNITS
TFS 202	History of Drama and Theatre: Renaissance to 19th Century	2
TFS 232	Basic Non Verbal Communication	2
TFS 234	Basic Choreography and Kinaesthetic	2
TFS 252	Fundamentals of Playwriting	2
TFS 270	Acting for Film, Radio and TV	2
ELS 212	American Literature: The Modern Period	3
ELS 214	English Literature: Neo-Classical Period	3
ELS 222	Intermediate English Drama and Composition	3

**General Studies Courses**

GSP 106	Nature Science II	2
GSP 202	Peace and Conflict Resolution II	2
		<hr/> 23

**Third Year****First Semester****Major Courses**

CODE	TITLE	UNITS
TFS 341	Introduction to Directing	3
TFS 343	Theatre Administration	2
TFS 371	Scripting for the Media Theatre	2
TFS 381	Research Methods	2
ELS 321	Advanced Prose Composition	3
ELS 351	African Poetry	3
ELS 361	African Fiction	3

**Required Ancillary**

COS 101	Introduction to Computer Science	3
		<hr/> 21

**Second Semester****Major Courses**

CODE	TITLE	UNITS
TFS 302	Modern African Drama and Theatre	3
TFS 322	Advanced Scene Design	2
TFS 330	Dance Theories and Practice	2
TFS 332	Advanced Acting	2
TFS 344	Stage Management	1
ELS 324	African Drama	3
ELS342	Victorian Era	3

**Required Ancillary**

COS 304	Computer Application	3
		<hr/> 19

**Fourth Year****First Semester****Major Courses**

CODE	TITLE	UNITS
TFS 413	Theories of Dramatic Criticism	3
TFS 451	Major Nigerian Playwrights	3
TFS 455	Advanced Playwriting	3
ELS 411	American and Afro-American Literature	3
ELS 461	Studies in Fiction	3
		<hr/> 15

**Second Semester****Major Courses**

CODE	TITLE	UNITS
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TFS 404	Oriental Theatre Studies	2
TFS 440	Advanced Play Production	4
TFS 490	Project	5
TFS 442	Studies in Drama	3
TFS 452	Studies in Poetry	3
		<hr/> 17

**Combines Degree Programme: Theatre & Film Studies/Music****First Year****First Semester****Major Courses**

CODE	TITLE	UNITS
TFS 101	Traditional African Theatre	3
TFS 103	Introduction to Drama and Theatre	3
TFS 171	Introduction to Film, Radio and TV Drama	3
MUS 101	Music as Art and Science	2
MUS 111	Rudiments of Music	1
MUS 121	Foundation of Musicianship	1
MUS 123	Tonal Harmony	1
MUS 165	Performance Workshop: African Ensemble	1
MUS 161	Primary Instrument/ Voice	1

**General Studies Courses**

GSP 101	The Use of English I	2
GSP 103	Social Science I	2
		<hr/> 20

**Second Semester****Major Courses**

CODE	TITLE	UNITS
TFS 102	Practical Participation Orientation	2
TFS 104	History of Drama and Theatre: From Beginning to Medieval	2
TFS 132	Basic Acting Skills	3
MUS 122	Foundations of Musicianship II	1
MUS 124	Tonal Harmony II	2
MUS 151	Basic Keyboard Studies	1
MUS 162	Primary Instrument/ Voice II	1
MUS 166	Performance Workshop: African Ensemble II	2

**General Studies Courses**

GSP 102	The Use of English II	2
GSP 104	Social Science II	2
		<hr/> 18

**Second Year****First Semester****Major Courses**

CODE	TITLE	UNITS
TFS 201	African Drama and Theatre: The Colonial Era	2
TFS 211	Introduction to Dramatic Literature: Theory and Criticism	3
TFS 231	Intermediate Acting	2
MUS 211	Foundations of Musicianship III	1
MUS 223	Tonal Harmony III	2
MUS 251	Basic Keyboard Studies II	1
MUS 261	Primary Instrument/ Voice II	1
MUS 265	Performance Workshop: African Ensemble II	2

**General Studies Courses**

GSP 103	Nature Science I	2
GSP 201	Peace and Conflict Resolution I	2
		<hr/> 18

**Second Semester****Major Courses**

CODE	TITLE	UNITS
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TFS 202	History of Drama and Theatre: Renaissance to 19th Century	2
TFS 232	Basic Non Verbal Communication	2
TFS 252	Fundamentals of Playwriting	2
TFS 270	Acting for Film, Radio and TV	2
MUS 222	Foundations of Musicianship IV	1
MUS 224	Tonal Harmony IV	1
MUS 252	Basic Keyboard Studies III	1
MUS 262	Primary Instrument/ Voice IV	1
MUS 266	Performance Workshop: African Ensemble IV	2
<b>General Studies Courses</b>		
GSP 106	Nature Science	2
GSP 202	Peace and Conflict Resolution II	2
		<hr/> 18

**Third Year****First Semester****Major Courses**

CODE	TITLE	UNITS
TFS 341	Introduction to Directing	3
TFS 343	Theatre Administration	2
TFS 371	Scripting for the Media Theatre	2
TFS 381	Research Methods	2
MUS 321	Tonal Counterpoint	2
MUS 341	Afro-American Music	2
MUS 351	Elementary Keyboard Harmony	1
MUS 361	Primary Instrument/Voice V	2

**Required Ancillary**

COS 101	Introduction to Computer Science	3
		<hr/> 19

**Second Semester****Major Courses**

CODE	TITLE	UNITS
TFS 302	Modern African Drama and Theatre	3
TFS 332	Advanced Acting	2
TFS 360	Theatre Workshop	2
MUS 303	Composition	2
MUS 324	Conducting and Performance Management	2
MUS 325	Orchestration	2
MUS 343	Music of Other Culture of the World	1

**Required Ancillary**

COS 304	Computer Applications	3
		<hr/> 17

**Fourth Year****First Semester****Major Courses**

CODE	TITLE	UNITS
TFS 423	Advanced Lighting and Sound Design	2
TFS 451	Major Nigerian Playwrights	3
TFS 455	Advanced Playwriting	3
MUS 401	Acoustics of Music	2
MUS 425	Analysis of Tonal Music	2
MUS 465	Performance Workshop: African Ensemble VII	1
MUS 470	Criticism and Musical Scholarship	3
		<hr/> 16

**Second Semester****Major Courses**

CODE	TITLE	UNITS
TFS 404	Oriental Theatre Studies	2
TFS 440	Advanced Play Production	4
TFS 490	Project	5

MUS 421	Modern Compositional Techniques	2
MUS 441	African Music Historiography: Theoretical Issues and Contemp. Development	3
MUS 466	Performance Workshop: African Ensembles	2
		18

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Performance by the Department of Theatre and Film Studies



**Faculty of Basic Medical Sciences****Dean's Office****Staff**

E.N Obikili, MBBS (Ibadan), M.Sc. (Calabar)	Professor /Dean 2016-2018
E. N. Chuka-Odenigbo, LLB (Nigeria), BL ( LAGOS), MBA (Calabar)	Assistant Registrar
M. O. Chukwu, B.A., M.TS ( Evangel, JOS)	Chief Executive Officer
L. N. Dunu, OND, HND	Assistant Chief Executive Officer
J. O. Onuora, B.Sc. (Nigeria)	Higher Technical Officer
E. Ohazulike, B.Ed. (Owerri)	Higher Technical Officer
U. Kene-Ochokwu, HND	Higher Technical Officer

**Department of Human Anatomy****Staff**

E.N. Obikili, MBBS (Ibadan), M.Sc. (Calabar),	Professor
G.E. Anyanwu, B.Sc. (Calabar), M.Sc. (Abia), Ph.D. (Abia)	Professor
E.A. Esom, B.Sc. (Calabar), M.Sc. ( Abia), Ph.D. (Nigeria)	Senior Lecturer/Ag. Head
J.O. Ezugworie, MBBS (Nigeria) M.Sc. ( Abia),	Senior Lecturer
AU. Katchy, MBBS (Nigeria) FMCS (Orth),	Senior Lecturer
A.U. Agu, MBBS (Abakaliki), M.Sc. (Nigeria)	Lecturer I
T.I. Ikele, MBBS (Nigeria), M.Sc. (Nigeria)	Lecturer I
J.N. Nto, B.Sc. (Maiduguri), M.Sc. (Abakaliki)	Lecturer I
S.U. Ayogu, MBBS (Nigeria)	Lecturer II
T.Umeh, MBBS (Abakaliki)	Lecturer II
S.C. Chime, MBBS (Nigeria),PGD (PSY) (Nigeria)	Lecturer II
D.U. Nwanjinobi, MBBS (Nigeria)	Lecturer II
M.A. Okeke,MBBS (Awka)	Lecturer II
A.I. Nwabunike, B.Sc. (New York), M.Sc. (New York)	Chief Technologist
B.C. Onu, B. Sc. (Nigeria), AIMLS (Enugu)	Senior Medical Lab Scientist I
E.O Onuwuka, B.Sc. MLS (Nigeria), M.Sc.(Awka)	Senior Medical Lab Scientist I
M. Ani, B.Engr. (Enugu), M.Engr. (Enugu)	Chief Lab Supervisor
P.C. Ofobuike, B.Sc. (MAU)	Higher Technical Officer II
V.O. Onyia, B.Sc. (Abia), PGD. (Noun), M.Sc. (Nigeria), M.Sc. (Enugu)	Principal Executive Officer II
J.U. Onwunali, OND Dip (Enugu), Advanced Dip (Owerri)	Principal Confidential Secretary I
K.C. Onwasigwe, HND Dip.(Oko)	Hall Supervisor

**Brief History**

The Department of Anatomy, Faculty of Medical Sciences University of Nigeria was established in 1967. Currently, the department offers undergraduate courses leading to the second MBBS and second BDS professional degree programs of the Faculties of Medical and Dental Sciences, and also courses for the students of the Faculty of Health Sciences for their various degree programs.

**Philosophy**

To advance the frontiers of knowledge in human anatomy and to present it as a revitalized discipline, boundless and heterogeneous with full capacity to meet up with the societal needs in the fields of academics, entrepreneurship, experimental and clinical researches. This will ultimately enable the department produce students that will embrace the challenges of self-reliance and personal attainment with the ability to contribute to the growth in the economic, social and health sectors of the country.

**Objectives:** To train competent graduates with relevant knowledge and skill to perform the following functions:

- Teach anatomy to students from the faculties of Medicine, Dentistry, Health sciences, Pharmacy and other related disciplines requiring anatomy to function.
- Maximize the various entrepreneurial skill in Anatomy in meeting some of the societal and economic needs.
- Qualified to be part of the various institutions and bodies involved in experimental and clinical researches.
- Prepare students that will continue with additional trainings at the post-graduate levels.

**Scope**

The programme is designed to provide the undergraduates with appropriate theoretical and practical knowledge in all aspects of Anatomy. Students will also, through clinical posting, be exposed to various clinical units that will empower them with practical knowledge of the course.

Thus, the students shall be provided with adequate and intensive training in Human Anatomy, Cell and Molecular Biology, Physiology, Biochemistry, Radiology, Histochemistry, and basic knowledge of several sub-disciplines of Anatomy.

**Entry Requirements****1. Unified Tertiary Matriculation Examination (UTME) Requirement**

- i. All Unified Tertiary Matriculation Examination (UTME) candidates must have 5 credits at the ordinary level G.C.E, SSCE, WAEC or NECO examinations. The subjects must include English Language, Mathematics, Biology, Chemistry and Physics.

**2. Direct Entry (DE)**

All direct entry candidates must apply through JAMB and must meet any of the following requirements:

- i. Two 'A' level passes, one of which must be Zoology or Biology and either Physics or Chemistry. They should have five 'O' Level credits in English Language, Mathematics, Chemistry, Physics and Biology.  
OR
- ii. A degree in any of the biological sciences or any other qualification, which may be considered to be equivalent to the above qualifications, where they join the class at the second year.

**Job Opportunities**

Successful graduates of the B. Sc. Anatomy programme have job opportunities in the following areas

- a. Various faculties of Medicine, Dentistry, Pharmaceutical, and Health sciences of various tertiary institutions to function in the role of teaching the course to their various students.
- b. Research institutes where they function as research scientists and Fellows
- c. In hospitals where they work in the following units:
  - i. Morbid anatomy
  - ii Reproductive and fertility units.
- d. Mortuary and embalment services
- e. Histopathology units of laboratories

**Stress Areas**

	CODE
Foundational Courses	0
Embryology	1
Histology	2
Histochemistry & Laboratory	3
Clinical/Applied Anatomy	4
Molecular Biology	5
Research Methods	7
Project	9

**Four Year Standard Undergraduate Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
BIO	Genetics for Medical Students	2
BIO 151	General Biology I	3
CHM 101	Basic Principles of inorganic Chemistry I	2
CHM 171	Practical Chemistry	2
PHY 111	General Physics for Life Sciences I	2
PHY 191	Practical Physics I	2
<b>General Studies Courses</b>		
GSP 101	Use of English I	2
GSP 107	Reproductive Health, Sexually Transmitted Diseases and HIV	2
GSP 201	The social Studies	2
		<hr/> 19

**Second Semester****Required Ancillary Courses**

BIO 152	General Biology 11	2
BIO 154	General Biology (Practical)	2
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
PHY 112	General Physics for Life Sciences 11	2
PHY 114	General Physics for Life Sciences 111	2
ZOO 122	Parasitology for Medical Students	2

**General Studies Courses**

GSP 102	Use of English I1	2
GSP 202	Issues in Peace and Conflict Studies	2
		<hr/> 18

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ANA 201	Gross Anatomy 1 (Intro. Anatomy, upper limbs, thorax & abdomen)	3
ANA 213	General Embryology	2
ANA 225	General Histology and Cytology	2

**Required Ancillary Courses**

BIC 201	Chemistry of Biomolecules	2
PYS 201	Basic General Physiology and Blood	2
PYS 203	Basic Excitable tissues and ANS	2
PYS 205	Basic Practical Physiology	2

**General Studies Courses**

GSP 207	Logic Philosophy and Human Existence	2
		<hr/> 17

**Second Year****Major Courses**

ANA 202	Gross Anatomy 11 (Pelvis, Perineum, lower limb)	3
ANA 214	Systemic Embryology 1	2
ANA 226	Systemic Histology 1	2

**Required Ancillary Courses**

BIC 214	Metabolism of Biological molecules	2
BIC 216	Inborn Error of Metabolism	2
PYS 212	Basic Respiratory system	2
PYS 214	Basic Cardiovascular system	2
PYS 224	Basic Gastrointestinal Tract	2
PYS 236	Basic Renal Physiology and Body Fluids	2

**General Studies Courses**

GSP 208	Nigerian Peoples and Culture	2
		<hr/> 21

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ANA 301	Gross Anatomy III (Head and Neck)	3
ANA 311	Systemic Embryology 11	2
ANA 323	Systemic Histology 11	2
ANA 305	Neuroanatomy 1	2
ANA 327	Practical Histology	2

**Required Ancillary Courses**

PYS 342	Basic Endocrinology and Reproduction	2
PYS 353	Basic Neurophysiology	2
PYS 355	Special senses	1
COM 301	Introduction to Medical Statistics and computer studies	1

**General Studies Courses**

CED 341	Introduction to Entrepreneurial development	2
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		19
<b>Second Semester</b>		
<b>Major Courses</b>		
ANA 332	Relevant laboratory technique	2
ANA 302	History of Anatomy	2
ANA 304	Cranial Nerves	3
ANA 356	Medical Genetics, Molecular Biology	2
ANA 374	Introduction to Research Methods, Ethics & Biostatistics	2
<b>Required Ancillary Courses</b>		
COM 302	Demography and Health Statistics	2
PCL 360	Introductory Pharmacology	2
<b>General Studies Courses</b>		
CED 342	Business Development and Management	2
		17
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ANA 407	Anatomical and Museum Techniques	2
ANA 411	Embryological Mechanics and Teratology	3
ANA 413	Bio anthropology, Biometry and Human growth	3
ANA 433	Histochemistry	3
ANA 443	Clinical Laboratory Posting	3
ANA 445	Morbid anatomy	3
ANA 447	Radiological Anatomy & Medical imaging	2
		19
<b>Second Semester</b>		
<b>Major Courses</b>		
ANA 400	Functional/Clinical Anatomy	3
ANA 402	Seminar Course in Anatomy	3
ANA 408	Comparative Anatomy and Human evolution	3
ANA 426	Neuroanatomy 11	3
ANA 490	Project	4
		16
<b>Department of Medical Biochemistry</b>		
<b>Staff</b>		
I.E. Ezeagu, B.Sc., M.Sc., M.Phil., PhD. (Ibadan)	Professor	
F.E. Ejezie, B.Sc., M.Sc. (Nigeria), Ph.D. (Awka)	Professor	
J.E. Ikekpeazu, B.Sc. (Benin), M.Sc., Ph.D. (Nigeria)	Senior Lecturer/Ag. Head 2015 - 2017	
A.A. Eze, B.Sc. (Nigeria), M.Sc. (Port Harcourt), Ph.D. (Glasgow)	Senior Lecturer	
M.D. Ibegbu, B.Sc., M.Sc., (Ibadan), Ph.D. (Portsmouth)	Senior Lecturer/Ag. Head	
C.O. Ezech, B.Sc.(Nigeria), M.Sc., Ph.D. (Port Harcourt)	Lecturer I	
H.O. Obianyido, MBBS., M.Sc. (Nigeria)	Lecturer I	
U.A. Okoli, B.Sc., (Nigeria), B.Sc., M.Sc. (London)	Lecturer I	
C. A. Oguonu, MBBS., (Nigeria)	Lecturer II	
A.C. Ndubisi, B.Sc., (Awka), MBBS. (Awka)	Lecturer II	
N.N. Ezugworie, MBBS. (Nigeria)	Lecturer II	
I.J. Nwigwe, B.A., (Rutgers), Ph.D. (Yale)	Lecturer II	
C. Z. Uche, B.Tech., (Owerri), M.Sc. (Ibadan)	Lecturer II	
K.C. Onyekwelu, B.Sc., (Enugu), M.Sc., Ph.D. (Nigeria)	Lecturer II	
L.N. Nwokolo, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer	
C. M Adilieje, B.Sc., (Enugu), M.Sc. (Calabar)	Assistant Lecturer	
P.C. Okorie, B.Sc., (Ebonyi), M.Sc. (Nigeria)	Assistant Lecturer	
I.N. Ezechukwu B.Sc.,(Kent) M.Sc. (Leicester)	Assistant Lecturer	
C.N. Eke, AIMLS, (Enugu), PGD (Nigeria)	Principal Medical Laboratory Scientist II	
E. N. Nna, NHD, (Enugu)	Principal Typist	
E.S. Enwerem, B.Sc., (Nigeria)	Senior Laboratory Supervisor	
P.A. Ekeocha, B.Sc., PGD (Nigeria)	Laboratory Scientist II	

M.O.Nwankwo, B.Sc., (Benin)  
 C.F. Onwugbufo, B.Sc., (Uli)  
 C.O.Etta, B.Sc., (Enugu)  
 S.C. Emegwara, B.A., (Ilorin)  
 C.E. Attama, B.Eng., (Enugu)  
 P.N. Ngwu, B.Sc., (Enugu)  
 M.I. Osakwe, NHD, (Enugu)

Laboratory Scientist II  
 Laboratory Scientist II  
 Laboratory Scientist II  
 Senior Hall Supervisor  
 System Analyst  
 Higher Technical  
 Store Keeper

### Introduction

Department of Medical Biochemistry is one of the academic departments in the Faculty of Basic Medical Sciences, College of Medicine, University of Nigeria, Enugu Campus. It is an academic unit of the College, offering courses leading to the Second Professional Examinations in the Medical and Dental Programmes (MB,BS and BDS) of the College of Medicine. The Department also offers service courses to all the Departments in the Faculty of Health Sciences and Technology. The Department, at the Post-Graduate level, offers courses leading to the award of M.Sc. and Ph.D. of the University of Nigeria. It also conducts academic research in the areas of Medical Biochemistry.

### History of the Department

The Department of Medical Biochemistry started in 1978 as one of the foundation Departments of the College of Medicine of the University of Nigeria, established under statute No. 2 of the University act of 1978, with approval of both the National Universities Commission and the president of the Federal Republic of Nigeria. The Department has however grown from the service department commissioned at inception to teach undergraduate medical and dental students, to a research-based department.

### Philosophy

The philosophy of the Department is to lead the search for the molecular Basis of diseases and ultimately be positioned as one of the foremost Medical Biochemistry Department globally, judging from her products and services.

### Scope

The Department offers courses that cover the core areas of Medical Biochemistry including Introductory Biochemistry, Chemistry of Biomolecules, Biochemical Catalysis, Bioenergetics and Biological Oxidation; Metabolism of Biomolecules; In-Born Errors of Metabolism; Nutritional Biochemistry, Special Topics in Medical Biochemistry and Practical Biochemistry.

### Objectives

The Programme is designed to:

- Train Medical Doctors who will assist in the provision of health care at different levels, for the people of Nigeria and beyond.
- Produce Medical graduates who will serve as research fellows in Medical research institutions.
- Produce graduates who will effectively operate their own private clinics and hospitals.

### Job Opportunities

On successful completion of Housemanship, the graduates would be able to serve as Medical doctors, research fellows, private medical practitioners and lecturers.

### Stress Areas

Chemistry of Biological Molecules	1
Enzymes, Bioenergetics and Biological Oxidation	2
Metabolism	3
Nutritional Biochemistry	4
Special Topics in Biochemistry	5
Practical Biochemistry	6

### Second Year

#### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
BIC 211	Chemistry of Biomolecules	3
BIC 223	Enzymes, Bioenergetics and Biological Oxidation	2

BIC 261	Practical Biochemistry I	2
<b>Required Ancillary Courses</b>		
PYS 201	Basic General Physiology and Blood	2
PYS 203	Basic Excitable Tissues and Autonomic Nervous System (ANS)	2
PYS 205	Basic Practical Physiology	2
ANA 201	Gross Anatomy I (Upper limb/Thorax/Abdomen)	3
ANA 213	General Embryology	2
ANA 225	General Histology and Cytology	2
<b>General Studies Courses</b>		
GSP 207	Logic, Philosophy and Human Existence	1
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BIC 232	Metabolism of Carbohydrates and Lipids	3
BIC 234	Metabolism of Proteins, Nucleic Acids & Mol Biology	3
BIC 262	Practical Biochemistry II	1
<b>Required Ancillary Courses</b>		
PYS 212	Basic Respiratory system	2
PYS 214	Basic Cardiovascular system	2
PYS 224	Basic Gastrointestinal Tract	2
PYS 236	Basic Renal Physiology and Body Fluids	2
ANA 202	Gross Anatomy II (Pelvis, Perineum and Lower limb)	3
ANA 214	Systemic Embryology I	2
ANA 226	Systemic Histology I	2
<b>General Studies Courses</b>		
GSP 208	Nigerian Peoples and Cultures	2
		<hr/> 24

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BIC 341	Nutritional Biochemistry	2
BIC 353	Special Topics in Biochemistry	3
BIC 363	Practical Biochemistry III	2
<b>Required Ancillary Courses</b>		
PYS 341	Basic Endocrinology and Reproduction	3
PYS 353	Basic Neurophysiology	3
PYS 355	Special senses	1
ANA 301	(Gross Anatomy III) Head and Neck,	3
ANA 305	Neuroanatomy I	2
ANA 311	Systemic Embryology II	2
ANA 323	Systemic Histology II	2
		<hr/> 23

**Department of Human Physiology****Staff**

U.I. Nwagha, MBBS (Nigeria); M.Sc. (Nigeria), FWACS, FMCOG, Professor	
U.S.B. Anyaehie, MBBS (Abia), M.Sc. (Nigeria), MPH (Nigeria) Professor	
Ph.D. (Abia)	
D.C. Nwachukwu, B.Sc., M.Sc. (Lagos), Ph.D. (Benin)	Professor/Head, 2015 - 2017
L.O. Nwoye, B.Sc. (Ibadan), PG Cert (Colorado) Ph.D. (Hull), PD	Visiting Professor
Cert. (California)r	
I.A. Orizu, MBBS (Nigeria), M.Sc. (Lagos)	Senior Lecturer/Head
E.E. Iyare, B.Sc., M.Sc., Ph.D. (Lagos)	Senior Lecturer
L.M. Nweke B.Sc. (Calabar), M.Sc. (Lagos)	Senior Lecturer
P. I. Ugwu, MBBS (Nigeria) M.Sc. (Uyo)	Lecturer I
P.U. Chime, MBBS (Nigeria) M.Sc. (Nigeria) FMC (Paed)	Lecturer I
P. O. Okorie, B.Sc. (Uyo); MBBS (Nigeria)	Lecturer II
C. C. Nworgu, MBBS (Nigeria)	Lecturer II
S. U. Ugwu, MBBS (Nigeria)	Lecturer II
V. Obi MBBS (Nigeria)	Lecturer II

O. M. Omire-Oluedo, MBBS (Nigeria)	Lecturer II
C. J. Ossai, MBBS (Okada)	Lecturer II
C. V. Nwachukwu, MBBS (Nigeria)	Lecturer II
C. K. Onyebuchi, MBBS (Nigeria)	Lecturer II
C. Nwajiaku, MBBS (Nigeria)	Lecturer II
C.A. Odenigb, MBBS (Nigeria)	Lecturer II
C.A. Uguru, MBBS (Nigeria)	Lecturer II
S. P. Madueke, B.Sc. (Okijah)	Graduate Assistant
A. P. Okeke BSc. (ABU, Zaria)	Graduate Assistant
F.O. Aniegboka, HND, PGD, MPA (Enugu)	Assistant Chief Conf. Secretary
A.D. Ekpe, BSc. (Abakaliki)	Hall Supervisor
E.A. Onyeonuna, B.Sc. (Nigeria); MBA (Nigeria)	Higher Technical Officer
C. I. Nnabuchi, ND (Owerri), B.MLS (Nigeria), MIBMS (London), MIFBS (Canada), MLT (NZ).	Senior Medical Laboratory Scientist
P. C. Chukwu, B.MLS (Ekpoma), M.Sc. (Nigeria)	Medical Laboratory Scientist I
N.A. Katchy, B.Sc. (Awka)	Medical Laboratory Scientist II
O. D. Nkwokocha, BSc (Anambra)	Medical Laboratory Scientist II
D.B. Adeniyi, B.Tech (LAUTECH)	Technologist II
C. N. Enweani, BSc (Nigeria)	Higher Technical Officer II

### Brief History

The Physiology department with the programme for Medical Students was established in 1967 at Nsukka but was short-lived due to the civil war. It resumed again, in its present buildings, in 1970 at Enugu Campus. The course, including lectures, practicals and tutorials, was designed to give students an understanding of physiological concepts to enable them to appreciate the basic means by which the body functions, how these functions are controlled and the normal values of physiological parameters. Practical skills and knowledge of some basic techniques further reinforced didactic teaching. This is to prepare them for the 2nd MBBS professional examination at a level comparable with that of developed countries, and also to provide a sound scientific base for clinical studies. Since inception, the department has been offering undergraduate courses for the MBBS, BDS and also B.Sc. programmes of the department of Nursing, Medical Rehabilitation, Medical laboratory sciences and Medical Radiography.

The broad aspects of the course content, spanning all systems of the body, has remained basically the same in line with the internationally recognized pattern but it is updated from time to time to impart new and current concepts to the students. With the introduction of the course system by the University of Nigeria in the seventies, the programme was divided into appropriate courses, although the old examination format for the 2nd professional examination has been maintained. With the establishment of the faculty of Health Sciences in 1984, service courses were offered to fulfill their needs.

At about the same time the department established a postgraduate programme involving both coursework and research projects leading to the award of either M.Sc. or Ph.D. degree. This was aimed at providing the necessary specialized manpower both for this university and for the country as a whole.

### Philosophy

To advance the frontiers of knowledge in human physiology to present it as a rejuvenated discipline, vast and varied, with full capacity to meet up with the societal needs in the fields of teaching, research, entrepreneurship and community service. To imbibe the principles of problem based learning, working from bench to bedside and encouraging collaborative research with the clinical sciences, all aimed at improving patient care.

The programme is intended to produce embryologists, and reproductive endocrinologists who are very important members of the artificial reproductive technology team. In addition we intend to produce heart-lung machine scientists who are indispensable in open heart surgery. Furthermore we shall train clinical measurement scientists for example in spirometry, electroencephalogram, electrocardiogram, and electromyogram who will work in the clinical measurement laboratories of teaching and other hospitals.

### Objectives

The Programme is designed to:

1. Train Physiologists who will assist in research and may undergo further training to assist in the teaching of the course in medical schools. This will assist in reducing the acute shortage of physiology teachers in Nigeria and Africa as a whole.

2. Produce graduates who will manage the various teaching and research laboratories in secondary and tertiary institutions.
3. Produce specialists in the areas of embryology and reproductive endocrinology, including andrology who will serve in various teams in the fast growing field of artificial reproductive Technology. (ART).
4. Produce graduates who will work in the clinical measurement laboratories in our secondary and tertiary health care institutions.
5. Produce graduates who will operate the heart lung machine in open heart operations.

### Scope

The programme is designed to provide the undergraduates with the appropriate theoretical and practical information in all aspect of physiology. In addition, it will also provide intensive training in Gross Anatomy, Embryology, Biochemistry, Molecular Biology, Histology and Histochemistry. Undergraduates are also expected to acquire basic knowledge in Pharmacology, Public Health and Health Statistics.

### Entry Requirements

1. **Unified Tertiary Matriculation Examinations (UTME) Requirements:** UTME candidates must have 5 credits at the ordinary level G.C.E, SSCE, WAEC or NECO examinations. The subjects are English Language, Mathematics, Biology, Chemistry and Physics.
2. **Direct Entry (DE):** All direct entry candidates must apply through JAMB and must meet any of the following requirements:
  - ii. Two 'A' level passes, one of which must be in Zoology or Biology and either Physics or Chemistry. They should have five 'O' Level credits including English Language, Mathematics, Chemistry, Physics and Biology or a degree in any biological sciences or any other qualification, which may be considered to be equivalent to the above qualifications.
  - iii. Will start from the second year of the programme.

### Job Opportunities

1. The graduates will serve as lecturers in various Medical schools, Pharmacy, Veterinary Science and life science faculties
2. They will also serve as Laboratory scientists in various Medical schools, Pharmacy, Veterinary Science and Life Science Faculties and research officers in research institutes.
3. They will also work as, embryologist, reproductive endocrinologists, and heart lung machine scientists and also in the clinical measurements laboratories performing spirometry, ECG, EEG EMG etc. at various secondary and tertiary hospitals.

### Stress Areas

Foundational Courses	0
Cardiovascular and Respiratory Physiology	1
Oral Physiology/ Gastrointestinal	2
Renal Physiology/Body fluids	3
Endocrinology and Reproduction	4
Neurophysiology/Special Senses	5
Nutrition and Metabolism	6
Environmental Physiology	7
Literature Review/Seminar	8
Project	9

### Four Year Standard Undergraduate Degree Programme

#### First Year

#### First Semester

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
BIO 101	Genetics for Medical Students	2
BIO 151	General Biology I	3
CHM 101	Basic Principles of Inorganic Chemistry	2
CHM 171	Practical Chemistry	2
PHY 111	General Physics for Life Sciences I	2
PHY 191	Practical Physics I	2
<b>General Studies Courses</b>		



GSP 101	The Use of English I	2
GSP 107	Reproductive Health, Sexually Transmitted Diseases and HIV	2
GSP 201	The Social Studies	2
		19

**Second Semester**

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
BIO 152	General Biology II	2
BIO 154	General Biology (Practical)	2
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
PHY 112	General Physics for Life Sciences II	2
PHY 114	General Physics for Life Sciences III	2
ZOO 122	Parasitology for Medical Students	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Studies	2
		18

**Second Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
PYS 201	Basic General Physiology and Blood	2
PYS 203	Basic Excitable Tissues and Autonomic nervous system (ANS)	2
PYS 205	Basic Practical Physiology	2
<b>Required Ancillary Courses</b>		
ANA 201	Gross Anatomy I (Upper limb/Thorax/Abdomen)	3
ANA 213	General Embryology	2
ANA 225	General Histology and Cytology	2
BIC 201	Chemistry of Biomolecules/Enzymes	2
<b>General Studies Courses</b>		
GSP 207	Logic Philosophy and Human Existence I	2
		17

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
PYS 212	Basic Respiratory system	2
PYS 214	Basic Cardiovascular system	2
PYS 224	Basic Gastrointestinal Tract	2
PYS 236	Basic Renal Physiology and Body Fluids	2
<b>Required Ancillary Courses</b>		
ANA 202	Gross Anatomy II (Pelvis, Perineum and Lower limb)	3
ANA 214	Systemic Embryology I	2
ANA 226	Systemic Histology I	2
BIC 214	Metabolism of Biological molecules	2
BIC 216	Inborn Errors of Metabolism	2
<b>General Studies Courses.</b>		
GSP 208	Nigerian Peoples and Cultures	2
		21

**Third Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
PYS 341	Basic Endocrinology and Reproduction	3
PYS 353	Basic Neurophysiology	3
PYS 355	Special senses	1
<b>Required Ancillary Courses.</b>		
ANA 301	(Gross Anatomy.III) Head and Neck,	3
ANA 305	Neuroanatomy I	2

ANA 311	Systemic Embryology II	2
ANA 323	Systemic Histology II	2
COM 301	Introduction to Medical Statistics and Computer studies	2
CED 341	Introduction to Entrepreneurial Development	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

PYS 302	Clinical Practical Physiology I	2
PYS 304	Laboratory Teaching and instrumentation	2
PYS 322	Oral Physiology	2
PYS 364	Nutrition and Metabolism	2
PYS 376	Environmental Physiology	2

**Required Ancillary Courses.**

ANA 304	Cranial nerves	3
BIC 352	Practical Biochemistry	2
PCL 360	Introductory Pharmacology	3
CED 342	Business Development and Management	2
		<hr/> 20

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

PYS 401	Comprehensive General Physiology	2
PYS 403	Blood and its products	2
PYS 405	Comprehensive Excitable Tissues and ANS	2
PYS 407	Clinical Practical Physiology II	2
PYS 411	Comprehensive Cardiovascular Physiology	3
PYS 413	Advanced Respiratory Physiology	2
PYS 421	Integrated Gastrointestinal Physiology	2
PYS 431	Integrated Renal Physiology and Body fluids	2
		<hr/> 17

**Fourth Year****Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

PYS 442	Special Topics in Endocrinology	2
PYS 444	Advances in Reproduction	1
PYS 452	Sensory Physiology	2
PYS 454	Motor System	2
PYS 456	Integrated Function of the Central Nervous System (CNS)	1
PYS 482	Literature Review	2
PYS 484	Seminar	2
PYS 490	Project	4
		<hr/> 16



**Faculty of Biological Sciences****Dean's Office****Staff**

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 N.B.Odoh, Dip. (Nigeria)

C.R. Ezeugwu, B.Sc. (Nigeria)

Dean  
 Associate Dean  
 Faculty Officer  
 Administrative Assistant  
 Chief Conf. Secretary  
 Asst. Chief Executive Officer  
 PEO II  
 Principal Technical Officer  
 Senior Technologist  
 Senior Technologist  
 Machine Room  
 Supervisor/Executive Officer  
 Laboratory Supervisor

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 Ph.D. (Tsukuba, Japan)  
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 J. N. Nwachukwu, B.Sc., M.Sc. (Nigeria)  
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 J. O. Chime, B.Sc., PGD (ESUT)  
 O. T. Onuigbo, B.Sc., (ESUT)  
 C. U. Ukonu, SSCE (Nigeria)  
 N. S. Chiaha, HND (Nigeria), MLS (Awka)  
 V. C. Onah, B.Sc. (Maduguri )

Professor  
 Professor  
 Professor  
 Professor/Head  
 Professor  
 Professor  
 Professor  
 Senior Lecturer  
 Senior Lecturer  
 Senior Lecturer  
 Senior Lecturer  
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 Lecturer II  
 Lecturer II  
 Lecturer II  
 Assistant Lecturer  
 Assistant Lecturer  
 Assistant Lecturer  
 Assistant Lecturer  
 Graduate Assistant  
 Graduate Assistant  
 Graduate Assistant  
 Graduate Assistant  
 Principal Technologist  
 Principal Technical Officer II  
 Principal Technical Officer II  
 Chief Laboratory Supervisor  
 Senior Laboratory Supervisor  
 Higher Technical Officer

E. E. Okeoma, B.Sc. (Nigeria)  
V. C. Okonkwo, B.Sc. (Ebonyi)  
C. P. Okeke, OND  
P.C. Ayogu, OND  
A. A. Agalamanyi, OND, B.Sc. (Enugu)  
A. N. C. Eze, NCE

Technologist  
Higher Technical Officer  
Laboratory Supervisor  
Laboratory Supervisor  
Senior Executive Officer  
Executive Officer

### General Information

Biochemistry is the science which enquires into the chemical constitution of living matter and the chemical processes by which the maintenance of life is accomplished in organisms. It furnishes the basic knowledge necessary for work in both the molecular and the cellular aspects of modern biology, hence, it is now widely recognized that an understanding of biochemical principles is vital for anybody wishing to proceed to advanced work in most areas of modern biology as well as in the pure and applied aspects of most of the life sciences.

### Philosophy, Objectives and Scope

The Department of Biochemistry aims at producing graduate biochemists who are not only equipped with knowledge in all the modern aspects of the discipline, but are also aware of the particular needs of Nigeria in particular and African in general in the area of their specialty. Thus the degree programme lays much stress on such locally important topics as nutrition and food science; the biochemistry of the soil and of locally significant micro-organisms; basis of chemotherapy, including African traditional medicine; human biochemical genetics particularly with respect to the West African sub-region; Lipids and lipoproteins and environmental Biochemistry in particular, the emphasis on meeting the needs of the environment is reflected in the inclusion of a 'Research Project' on a local biochemical topic as one of the compulsory courses in the final year of every Biochemistry students.

### Entry Requirements

For the Bachelor of Science degree in Biochemistry, the courses offered extend over a period of three years for direct entry students, and four years for students who gain admission through the entrance examination.

Direct entry candidates are required to have obtained the General Certificate of Education at Advanced Level or the Higher School Certificate at Principal Level in Chemistry, Biology (Botany or Zoology) and Physics plus Credit levels in Chemistry, Physics, Biology, Mathematics and English Language in the West African School Certificate or its equivalent, at the point of entry.

Entrance Examination candidates must possess passes at credit levels in Biology, Chemistry Physics, Mathematics and English Language in the West African School Certificate or its equivalent at the point of entry. Students from other departments who wish to take courses in Biochemistry should have attained at least credit standard in Biology, Chemistry, Physics and Elementary Mathematics in the West African School Certificate or attained a similar standard at an equivalent examination. Transfer students from other departments must possess the departmental basic qualification at the point of first admission in their respective departments.

### Job Opportunities

There is an acute shortage of biochemists at present to study the soils, fertilizers, feedstuffs, insecticides, plant and animal hormones, plant growth-regulators, herbicides, etc., particularly with special regard to the West African sub-region. Biochemical knowledge is lacking with regard to plant and animal nutrition and disease, the biochemical aspects of the germination, growth ripening and spoilage of fruits and crops, and several other such topics which are vitally important to agriculture and veterinary science in West Africa.

There is also a desperate need for trained personnel to conduct studies on tropical products of economic significance (such as hides and skin, commercially important natural fibres, timbers, gums, resins and other forest products), with particular reference to the biochemical problems connected with their production, utilization, storage, biodeterioration, etc., local industrial undertaking GSP, particularly those based on raw materials obtained from animal, plant and microbial sources (such as those industries concerned with foods beverages, cosmetics pharmaceutical, etc.) are bound to need increasing numbers of biochemists in their product-development and quality-control laboratories. The opportunities outlined here are additional to the traditional areas in which Biochemists are needed including the Petrochemical Industry.

**Stress Areas**

General Biochemistry and Bioinformatics  
 Molecular Biology and Biotechnology  
 Medical Biochemistry  
 Enzymology and Protein Biochemistry  
 Plant, Food and Nutritional Biochemistry  
 Lipid and Lipoprotein Biochemistry  
 Pharmacological Biochemistry and Toxicology  
 Immunology and Immunochemistry  
 Membrane Bioenergetics and Environmental Biochemistry  
 Biochemical Methods  
 Seminar/Project

**Four-Year Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
BIO 151	General Biology I	3
CHM 101	Basic Principles of Chemistry	2
MTH 111	General Mathematics I	3
MTH 121	General Mathematics II	3
CHM 171	Basic Practical Chemistry	2
PHY 111	General Physics for Life Sciences I	2
PHY 191	Practical Physics I	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 111	The Use of Library and Study Skills	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
BIO 152	General Biology II	3
BIO 154	General Biology Practicals	2
PHY 112	General Physics for Life Science II	2
PHY 114	General Physics for Life Science III	2
CHM 112	Basic Principles of Physical Chemistry II	2
CHM 122	Basic Principles of Organic Chemistry III	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
		<hr/> 15

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BCH 201	General Biochemistry I	
<b>Required Ancillary Courses</b>		
CHM 201	General Inorganic Chemistry	2
CHM 211	General Physical Chemistry	2
CHM 221	General Organic Chemistry I	2
CHM 273	Practical Organic Chemistry I	2
COS 101	Introduction to Computer Science	2
STA 202	Statistics for Agricultural and Biology Science I	2
<b>General Studies Courses</b>		
GSP 207	Logic Philosophy and Human	2
GSP 201	Basic Concepts and Theory of Peace	2

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BCH 202	General Biochemistry II	3

**Required Ancillary Courses**

COS 304	Computer Applications	2
STA 205	Statistics for Agricultural and Biological Sciences II	2
MCB 202	General Microbiology II	2
CHM 222	General Organic Chemistry II	2
CHM 274	Practical Inorganic Chemistry I	2
CHM 272	Practical Physical Chemistry I	2

**General Studies Courses**

GSP 208	Nigerian People and Culture	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
		<hr/> 19

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

BCH 301	Enzymology	3
BCH 311	Membrane Biochemistry	1
BCH 351	Primary Metabolic Pathways I	2
BCH 353	Primary Metabolic Pathways III	2
BCH 381	Methods in Biochemistry	2
BCH 390	Students Industrial Work Experience	3

**Required Ancillary Courses**

MCB 341	Immunology and Immunochemistry	4
CHM 311	Physical and Structural Chemistry I	2
BIO 351	General Genetics	2
CED 341	Introduction to Entrepreneurship	2
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

BCH 332	Bioenergetics	1
BCH 342	Nutritional Biochemistry	1
BCH 352	Primary Metabolic Pathways II	2
BCH 354	Primary Metabolic Pathways IV	2
BCH 382	General Biochemical Methods	2
CHM 374	Applied Spectroscopy	2

**Required Ancillary Courses**

CHM 312	Physical and Structural Chemistry II	2
CHM 313	Physical and Structural Chemistry III	2
CHM 322	Organic Chemistry II	2
CHM 323	Organic Chemistry III	2
MCB 312	Microbial Genetics/Molecular Biology	4
CED 342	Business Development and Management	2
		<hr/> 24

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

BCH 341	Food Biochemistry	1
BCH 401	Advanced Enzymology	2
BCH 411	Biosynthesis of Macromolecules	2
BCH 421	Tissue Biochemistry	2
BCH 431	Bioinorganic Chemistry	2
BCH 471	Industrial Biochemistry	3
BCH 481	Biochemical Reasoning	1
BCH 491	Special Topics/Seminar in Biochemistry	2
		<hr/> 15

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

BCH 412	Genetic Engineering	2
BCH 452	Metabolic Regulations	2
BCH 462	Plant Biochemistry	2
BCH 422	Pharmacological Biochemistry	2
BCH 482	Advanced Biochemical Methods	2
BCH 492	Research Project	6
		<hr/> 16

**Three-Year Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BCH 201	General Biochemistry	3
CHM 201	General Inorganic Chemistry	2
CHM 211	General Physical Chemistry	2
CHM 221	General Organic Chemistry I	2
CHM 273	Practical Organic Chemistry I	2
CS 101	Introduction to Computer Science	2
MCB 201	General Microbiology I	3
STA 202	Statistics for Agricultural and Biology Science I	2
<b>General Studies Courses</b>		
GSP 207	Logic, Philosophy and Human Existence	2
GSP 101	The Use of English I	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BCH 202	General Biochemistry II	3
<b>Required Ancillary Courses</b>		
COS 202	Applications to Computer	2
STA 205	Statistics for Agricultural and Biology Sciences II	2
MCB 202	General Microbiology II	3
CHM 222	General Organic Chemistry II	2
CHM 274	Practical Inorganic Chemistry I	2
CHM 272	Practical Physical Chemistry I	2
<b>General Studies Courses</b>		
GSP 208	Nigerian Peoples and Culture	2
GSP 102	The Use of English II	2
		<hr/> 20

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BCH 301	Enzymology	3
BCH 311	Membrane Biochemistry	1
BCH 351	Primary Metabolic Pathways I	2
BCH 353	Primary Metabolic Pathways III	2
BCH 381	Methods in Biochemistry	2
BCH 390	Students Industrial Work Experience	3
<b>Required Ancillary Courses</b>		
MCB 341	Immunology and Immunochemistry	4
CHM 311	Physical and Structural Chemistry I	2
BIO 351	General Genetics	2
CED 341	Introduction to Entrepreneurship	2
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		



BCH 332	Bioenergetics	1
BCH 342	Nutritional Biochemistry	1
BCH 352	Primary Metabolic Pathways II	2
BCH 354	Primary Metabolic Pathways IV	2
BCH 382	General Biochemical Methods	2
<b>Required Ancillary Courses</b>		
CHM 312	Physical and Structural Chemistry II	2
CHM 313	Physical and Structural Chemistry III	2
CHM 322	Organic Chemistry II	2
CHM 323	Organic Chemistry III	2
CHM 374	Applied Spectroscopy	2
MCB 312	Microbial Genetics/Molecular Biology	4
CED 342	Business Development and Management	2
		<hr/> 24

### Third Year

#### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
BCH 341	Food Biochemistry	1
BCH 401	Advanced Enzymology	2
BCH 411	Biosynthesis of Macromolecules	2
BCH 421	Tissue Biochemistry	2
BCH 431	Bioinorganic Chemistry	2
BCH 471	Industrial Biochemistry	3
BCH 481	Biochemical Reasoning	1
BCH 491	Special Topics/Seminar in Biochemistry	2
		<hr/> 15

#### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
BCH 412	Genetic Engineering	2
BCH 452	Metabolic Regulations	2
BCH 462	Plant Biochemistry	2
BCH 422	Pharmacological Biochemistry	2
BCH 482	Advanced Biochemical Methods	2
BCH 492	Research Project	6
		<hr/> 16

### Department of Microbiology

#### Staff

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A. C. Ike, B.Sc. (Nigeria), M.Sc., Ph.D. (Hohenheim)	Senior Lecturer
C. O. Nwuche, B.Sc., M.Sc. (Lagos), Ph.D. (Nigeria)	Senior Lecturer
O. C. Nwokoro, B.Sc., Ph.D. (Nigeria), M.Sc. (Lagos)	Senior Lecturer
V. N. Chigor, B.Sc., M.Sc. (Nigeria), Ph.D. (Fort Hare)	Senior Lecturer
C. I. Nnamchi, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
S. C. Enemuor, HND, PGD, M.Sc., Ph.D. (Awka)	Senior Lecturer

A. S. Okoli, B.Sc., M.Sc. (Nigeria), Ph.D. (New South Wales)	Lecturer I
T. N. Nwagu, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
C. O. Amadi, B.Sc., M.Sc. Ph.D. (Nigeria)	Lecturer I
C. O. Onwosi, B.Sc.(Nigeria), M.Sc., Ph.D. (Awka)	Lecturer II
G. N. Okpala, B.Sc., M.Sc. (Nigeria), M.Sc. (NewCastle)	Lecturer II
Nnabuiife, Obianuju O. B.Sc. (Awka); M.Sc. (Nottingham)	Lecturer II
V. Onuorah, B.Sc. (Nigeria)	Graduate Assistant
D.D. Ojobor, B.Sc. (Nigeria)	Graduate Assistant
C. Mbadugha, B.Sc. (Nigeria)	Graduate Assistant
I. A. Ndubuisi, B.Sc.(Nigeria)	Graduate Assistant
O. V. Chinasa, B.Sc.(Nigeria)	Graduate Assistant
C. J. Onu, B.Sc.(Nigeria)	Graduate Assistant
E. C. Ogbonna, B.Sc.(Nigeria)	Graduate Assistant
C. A. Ezema, B.Sc.(Nigeria)	Graduate Assistant
C. I. Oseke, B.Sc.(Owerri)	Principal Lab. Technologist
A. O. Ezeora, OND	Chief Typist/Ag. Secretary

### General Information

Microbiology started in the University of Nigeria, Nsukka, in 1965 as a service unit and was upgraded to the status of a full department in 1970, with a core staff of seven individuals made up of five academic and two technical staff. In addition to its single and combined honours degrees, the Department also organized a Medical Laboratory unit in the Faculty of Medicine, Enugu Campus and employed the staff of the Department to teach microbiology to medical students. The unit at Enugu remained under the administration of the Department at Nsukka until 1984 when it became an autonomous department of Medical Microbiology.

The Department of Microbiology, today, offers courses leading to a B.Sc. (Honours) degree in Microbiology. Admission is either by Unified Tertiary Matriculation Examination (UTME) or by Direct-Entry. Students admitted by UTME undergo a four-year degree programme while those admitted by direct entry do a three-year degree programme.

### Philosophy

The field of biology is one which has undergone a lot of evolution and continues to evolve everyday, moreso, since the early twentieth century. Early studies in Biology were devoted more to the study of life-cycles of organisms and similarities in their physical appearances. But with advancements in the field of genetics, aided mainly by studies of microorganisms, Microbiology emerged as one of the most important areas of study in the life sciences.

As the pioneer Department of Microbiology in the country, the Department of Microbiology, University of Nigeria, Nsukka, is planned to be at the forefront of teaching and learning, research and development, knowledge creation and dissemination in the field of Microbiology, aimed at producing world class microbiologists.

Microbiology has taken a pivotal role in the study and advancement of life sciences, being the foundation on which Modern Biotechnology was built. It is therefore relevant in all fields of research and development for the improvement of human life. Its many applications have brought advancements, through Biotechnology, in such areas as Medical Diagnosis, Brewing, Agriculture, Industrial Production of food and pharmaceuticals, Environmental Monitoring, Bioremediation, Medical and Pharmaceutical Biotechnology and other emerging areas of Biotechnology. Hence, it is imperative that the student of Microbiology should be properly equipped to play the expected roles in these important areas of life.

### Objectives

The programme is designed to:

1. To give students a sound exposure to the theory and practice of Microbiology.
2. To equip students with adequate research techniques to enable them function as lecturers in universities and other tertiary institutions, research officers and consultants in the many fields of application of Microbiology.
3. To equip students with adequate practical knowledge to enable them to become self-reliant as producers of many food and industrial products of microbial activity.
4. To produce world class microbiologists who can compete with their counterparts the world over and fit into advanced programmes within the country and outside it.

### Scope

The Department offers a very robust and forward-looking programme in the general and applied areas of Microbiology to prepare its graduates for their important role in the advancement of life. The core courses

are designed to give students wide exposure in the main areas, which include Medical, Industrial/Food and Environmental Microbiology, including Climate Change studies. The students undergo industrial attachment during their third year of study, which affords them practical experience in diagnostic techniques and other microbiological processes in hospitals and industries.

The Department also offers, in conjunction with the Departments of Chemistry and Biochemistry, B.Sc. combined degree in Microbiology/Chemistry and Microbiology/ Biochemistry.

In addition, service courses are offered to students in other areas of Biological Sciences, Medical Sciences, Veterinary Sciences, Agricultural Sciences and Health and Physical Education.

### Job Opportunities

Students, on successful graduation, can take up careers such as lecturing and/or research in universities, polytechnics and biomedical research centres. They can find employment opportunities in some government agencies such as centres for disease control, Food and Drug Administration agencies, water corporations, waste management agencies, environmental control and protection agencies, environmental impact assessment agencies and other quality control agencies.

Graduates can also find employment in a variety of industrial (e.g. food/pharmaceutical industries) establishments as well as in medical, public health, agricultural and veterinary laboratories. Opportunities also exist for graduates in the fermentation industries as represented by the breweries, alcohol distilleries, as well soft drink and fruit juice production industries.

### Entry Requirements

#### (a) UTME Entry Requirements

Candidates who have satisfied the minimum university requirements for admission are required to obtain credit level passes in English language, Biology, Chemistry, Physics and Mathematics in the West African School Certificate (WASC)/General Certificate of Education (GCE)/Senior Secondary School Certificate Examination (SSSCE), National Examination Council (NECO) or any other acceptable equivalent certificate.

#### (b) Direct-Entry Requirements

Candidates are required to obtain passes at Higher School Certificate or GCE A/L in Chemistry and Biology or Chemistry and Zoology or Chemistry and Botany in addition to the UTME Entry requirements.

### Stress Areas

Foundational Courses in Microbiology	0
Environmental Microbiology	1
Food/Industrial Microbiology	2
Medical Microbiology	3
Students' Industrial Work Experience Scheme (SIWES)	5
Seminar	8
Project	9

### Standard Four Year Programme

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
BIO 151	General Biology I	3
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
CHM 101	Basic Principles of Inorganic Chemistry	2
CHM 171	Basic Practical Chemistry	2
PHY 111	General Physics for Life Sciences I	2
PHY 195	Practical Physics	2
<b>General Studies Course</b>		
GSP 101	The Use of English I	2
GSP 201	Concepts and Theories of Peace and Conflict Resolution	2
		<hr/> 21

##### Second Semester

CODE	TITLE	UNITS
<b>Major Course</b>		

MCB 102	Introductory Microbiology	2
<b>Required Ancillary Courses</b>		
BIO 152	General Biology II	3
BIO 154	General Biology Practical	2
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
PHY 112	General Physics for Life Sciences II	2
PHY 114	General Physics for Life Sciences III	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
		<hr/> 19
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
MCB 201	General Microbiology I	3
<b>Required Ancillary Courses</b>		
BCH 201	General Biochemistry I	3
BIO 351	General Genetics	2
CED 341	Introduction to Entrepreneurship	2
CHM 201	General Inorganic Chemistry	2
CHM 211	General Physical Chemistry	2
CHM 221	General Organic Chemistry I	2
STA 203	Statistics for Agriculture and Biological Sciences I	2
<b>General Studies Course</b>		
GSP 207	Humanities I	2
		<hr/> 20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
MCB 202	General Microbiology II	3
MCB 212	Environmental Microbiology I (Sewage, Water, Air pollution)	3
<b>Required Ancillary Courses</b>		
BCH 202	General Biochemistry II	3
CED 342	Business Development and Management	2
CHM 232	Analytical Chemistry	2
COS 304	Computer Applications	2
STA 205	Statistics for Agriculture and Biological Sciences	2
BOT 242	Mycology I (Introductory Mycology)	2
<b>General Studies Course</b>		
GSP 208	Humanities II	2
		<hr/> 21
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
MCB 301	Microbial Physiology	2
MCB 313	Environmental Microbiology and Climate Change	2
MCB 315	Petroleum Microbiology	2
MCB 325	Food Microbiology I	2
MCB 331	Pathogenic Bacteriology	3
MCB 333	Diagnostic Microbiology	1
MCB 335	Pathogenic Mycology	2
<b>Required Ancillary Courses</b>		
BCH 351	Primary Metabolic Pathways I	2
BCH 353	Primary Metabolic Pathways III	2
BCH 381	Methods in Biochemistry	2
<b>Electives: Choose one course</b>		
BCH 471	Industrial Biochemistry	3

BCH 301	Enzymology	3	
BCH 354	Primary Metabolic Pathways IV	2	
ZEB 321	Basic Parasitology	2	2or3
			<u>22/23</u>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Course</b>		
MCB 302	Microbial Metabolism	2
MCB 304	Microbial Genetics	2
MCB 334	Immunology and Immunochemistry	3
MCB 352	Students' Industrial Work Experience Scheme (Field Work)	6
MCB 354	SIWES Report	3
MCB 356	SIWES Seminar	6
		<u>22</u>

**Fourth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Course</b>		
MCB 401	Analytical Microbiology and Quality Control	3
MCB 403	Molecular Biology and Genetic Engineering	2
MCB 411	Microbial Ecology	3
MCB 423	Industrial Microbiology and Biotechnology I	2
MCB 425	Food Microbiology II	2
MCB 431	Virology	3
MCB 481	Seminar in Microbiology	2
		<u>17</u>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Course</b>		
MCB 412	Environmental Impact Assessment	2
MCB 432	Principles of Epidemiology and Public Health	3
MCB 424	Industrial Microbiology and Biotechnology II	2
MCB 434	Pharmaceutical Microbiology	3
MCB 492	Project	6
		<u>16</u>

**Standard Three Year Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Course</b>		
MCB 201	General Microbiology I	3
<b>Required Ancillary Courses</b>		
BCH 201	General Biochemistry I	3
BIO 351	General Genetics	2
CHM 201	General Inorganic Chemistry	2
CHM 211	General Physical Chemistry	2
CHM 221	General Organic Chemistry I	2
COS 101	Introduction to Computer Science	2
STA 203	Statistics for Agriculture and Biological Sciences I	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 201	Concepts and Theories of Peace and Conflict Resolution	2
GSP 207	Humanities I	2
		<u>21</u>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Course</b>		
MCB 202	General Microbiology II	3
MCB 212	Environmental Microbiology I (Sewage, Water, Air pollution)	2

**Required Ancillary Courses**

BCH 202	General Biochemistry II	3
CHM 232	Analytical Chemistry	2
COS 304	Computer Applications	2
STA 205	Statistics for Agriculture and Biological Sciences II	2
BOT 242	Mycology I (Introductory Mycology)	2

**General Studies Courses**

GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
GSP 208	Humanities II	2
		<hr/> 22

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Course**

MCB 301	Microbial Physiology	2
MCB 313	Environmental Microbiology and Climate Change	2
MCB 315	Petroleum Microbiology	2
MCB 325	Food Microbiology I	2
MCB 331	Pathogenic Bacteriology	3
MCB 333	Diagnostic Bacteriology	1
MCB 332	Pathogenic Mycology	2

**Required Ancillary Courses**

BCH 351	Primary Metabolic Pathways I	2
BCH 353	Primary Metabolic Pathways III	2
BCH 381	Methods in Biochemistry	2

**Electives: Choose one Course**

BCH 471	Industrial Biochemistry	3
BCH 301	Enzymology	3
BCH 354	Primary Metabolic Pathways IV	2
ZEB 321	Basic Parasitology	2
		<hr/> 2or3
		<hr/> 22/23

**Second Semester**

CODE	TITLE	UNITS
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**Major Course**

MCB 302	Microbial Metabolism	2
MCB 304	Microbial Genetics	2
MCB 334	Immunology and Immunochemistry	3
MCB 352	Students' Industrial Work Experience Scheme (Field Work)	6
MCB 354	SIWES Report	3
MCB 356	SIWES Seminar	6
		<hr/> 22

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

MCB 401	Analytical Microbiology and Quality Control	3
MCB 403	Molecular Biology and Genetic Engineering	2
MCB 411	Microbial Ecology	3
MCB 423	Industrial Microbiology and Biotechnology I	2
MCB 425	Food Microbiology II	2
MCB 431	Virology	3
MCB 481	Seminar in Microbiology	3

**Required Ancillary Course**

CED 341	Introduction to Entrepreneurship	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
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**Major Course**

<i>Programmes</i>		347
MCB 412	Environmental Impact Assessment	2
MCB 432	Principles of Epidemiology and Public Health	3
MCB 424	Industrial Microbiology and Biotechnology II	2
MCB 434	Pharmaceutical Microbiology	3
MCB 492	Project	6
<b>Required Ancillary Course</b>		
CED 342	Business Development and Management	2
		<hr/> 18
<b>Microbiology/Biochemistry</b>		
<b>Standard Four Year Programme</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
BIO 151	General Biology I	3
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
CHM 101	Basic Principles of Inorganic Chemistry	2
CHM 171	Basic Practical Chemistry	2
PHY 111	General Physics for Life Sciences I	2
PHY 195	Practical Physics	2
<b>General Studies Course</b>		
GSP 101	The Use of English I	2
GSP 201	Concepts and Theories of Peace and Conflict Resolution	2
		<hr/> 21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
MCB 102	Introductory Microbiology	2
<b>Required Ancillary Courses</b>		
BIO 152	General Biology II	3
BIO 154	General Biology Practical	2
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
PHY 112	General Physics for Life Sciences II	2
PHY 114	General Physics for Life Sciences III	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
		<hr/> 19
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MCB 201	General Microbiology I	3
BCH 201	General Biochemistry I	3
<b>Required Ancillary Courses</b>		
BIO 351	General Genetics	2
CHM 201	General Inorganic Chemistry	2
CHM 211	General Physical Chemistry	2
CHM 221	General Organic Chemistry I	2
COS 101	Introduction to Computer Science	2
STA 203	Statistics for Agriculture and Biological Sciences I	2
<b>General Studies Course</b>		
GSP 207	Humanities I	2
		<hr/> 20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		

MCB 202	General Microbiology II	3
MCB 212	Environmental Microbiology I (Sewage, Water, Air pollution)	2
BCH 202	General Biochemistry II	3
<b>Required Ancillary Courses</b>		
BOT 242	Mycology I (Introductory Mycology)	2
CHM 232	Analytical Chemistry	2
COS 304	Computer Applications	2
STA 205	Statistics for Agriculture and Biological Sciences	2
<b>General Studies Course</b>		
GSP 208	Humanities II	2
		<hr/> 18
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MCB 301	Microbial Physiology	2
MCB 313	Environmental Microbiology and Climate Change	2
MCB 325	Food Microbiology I	2
MCB 331	Pathogenic Bacteriology	3
MCB 333	Diagnostic Microbiology	1
BCH 301	Enzymology	3
BCH 351	Primary Metabolic Pathways I	2
BCH 352	Primary Metabolic Pathways II	2
BCH 353	Primary Metabolic Pathways III	2
BCH 381	Methods in Biochemistry	2
<b>Required Ancillary Course</b>		
CED 341	Introduction to Entrepreneurship	2
		<hr/> 23
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
MCB 302	Microbial Metabolism	2
MCB 304	Microbial Genetics	2
MCB 334	Immunology and Immunochemistry	3
BCH 342	Nutritional Biochemistry	1
BCH 382	General Biochemical Methods	2
<b>Required Ancillary Courses</b>		
CED 342	Business Development and Management	2
CHM 322	Organic Chemistry II	2
CHM 324	Organic Chemistry III	2
		<hr/> 16
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MCB 403	Molecular Biology and Genetic Engineering	2
MCB 423	Industrial Microbiology and Biotechnology I	2
MCB 425	Food Microbiology II	2
MCB 431	Virology	3
MCB 481	Seminar in Microbiology	2
BCH 401	Advanced Enzymology	2
BCH 411	Biosynthesis of Macromolecules	2
BCH 431	Bio-organic Chemistry	2
BCH 354	Primary Metabolic Pathways IV	2
		<hr/> 19
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
MCB 412	Environmental Impact Assessment	2



MCB 424	Industrial Microbiology and Biotechnology II	2
MCB 432	Principles of Epidemiology and Public Health	3
MCB 434	Pharmaceutical Microbiology	3
MCB 492	Project	6
BCH 472	Pharmacological Biochemistry	2
		18

**Microbiology/Chemistry**

**Standard Four Year Programme**

**First Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
CHM 101	Basic Principles of Inorganic Chemistry	2
CHM 171	Basic Practical Chemistry	2
<b>Required Ancillary Courses</b>		
BIO 151	General Biology I	3
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
PHY 111	General Physics for Life Sciences I	2
PHY 195	Practical Physics	2
<b>General Studies Course</b>		
GSP 101	The Use of English I	2
GSP 201	Concepts and Theories of Peace and Conflict Resolution	2
		21

**Second Semester**

CODE	TITLE	UNITS
<b>Major Course</b>		
MCB 102	Introductory Microbiology	2
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
<b>Required Ancillary Courses</b>		
BIO 152	General Biology II	3
BIO 154	General Biology Practical	2
MTH 122	Elementary Mathematics III	2
PHY 112	General Physics for Life Sciences II	2
PHY 114	General Physics for Life Sciences III	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
		21

**Second Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MCB 201	General Microbiology I	3
CHM 201	General Inorganic Chemistry	2
CHM 211	General Physical Chemistry	2
CHM 221	General Organic Chemistry I	2
CHM 273	Practical Organic Chemistry I	2
<b>Required Ancillary Courses</b>		
BIO 351	General Genetics	2
CED 341	Introduction to Entrepreneurship	2
COS 101	Introduction to Computer Science	2
<b>General Studies Course</b>		
GSP 207	Humanities I	2
		19

**Second Semester**

CODE	TITLE	UNITS
<b>Major Course</b>		

MCB 202	General Microbiology II	3
MCB 212	Environmental Microbiology I (Sewage, Water, Air pollution)	2
CHM 222	General Organic Chemistry II	2
CHM 232	Analytical Chemistry	2
CHM 274	Practical Inorganic Chemistry I	2
CHM 276	Practical Physical Chemistry I	2

**Required Ancillary Courses**

CED 342	Business Development and Management	2
COS 304	Computer Applications	2
<b>General Studies Course</b>		
GSP 208	Humanities II	2
		<hr/> 19

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

MCB 301	Microbial Physiology	2
MCB 313	Environmental Microbiology and Climate Change	2
MCB 315	Petroleum Microbiology	2
MCB 325	Food Microbiology I	2
MCB 331	Pathogenic Bacteriology	3
MCB 333	Diagnostic Microbiology	1
CHM 301	Inorganic Chemistry I	2
CHM 311	Physical and Structural Chemistry I	2
CHM 321	Organic Chemistry I	2
CHM 373	Physical Organic Chemistry I	2
CHM 375	Applied Spectroscopy	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
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**Major Course**

MCB 302	Microbial Metabolism	2
MCB 304	Microbial Genetics	2
MCB 334	Immunology and Immunochemistry	3
CHM 302	Inorganic Chemistry II	2
CHM 312	Physical and Structural Chemistry II	2
CHM 322	Organic Chemistry II	2
CHM 323	Organic Chemistry III	2
		<hr/> 15

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

MCB 332	Pathogenic Mycology	2
MCB 401	Analytical Microbiology and Quality Control	3
MCB 403	Molecular Biology and Genetic Engineering	2
MCB 423	Industrial Microbiology and Biotechnology I	2
MCB 425	Food Microbiology II	2
MCB 431	Virology	3
CHM 421	Advanced Organic Chemistry I	2
		<hr/> 16

**Department of Plant Science and Biotechnology****Staff**

C.E.A. Okezie, B.Sc. Ph.D. (Nigeria)	Professor
M.O. Nwosu, B.Sc., M.Sc., Ph.D. (Heidelberg)	Professor
F.I. Akaneme, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
N.O. Nweze, B.Sc, M.Sc. Ph.D. (Nigeria)	Reader/Head
A.O. Nwadinigwe, B.Sc, PGDE, M.Sc, Ph.D. (Nigeria)	Reader
O.S. Udengwu, B.Sc., Ph.D. (Nigeria)	Senior Lecturer

N.E. Abu, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
R. C. Njokuocha, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
C.N. Ogbonna, B.Sc.(Nigeria), M.Sc.(Tsukuba), Ph.D. (Ebonyi)	Senior Research Fellow
G.C. Ajuziogu, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
C.C. Onyeke, B.Sc., M.Sc (Nigeria), PGDE, Ph.D.(Jos)	Senior Lecturer
E.E. Osayi, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
C.B. Chigor, B.Sc., M.Sc.(Nigeria), Ph.D. (FortHare)	Senior Lecturer
C. Asuzu, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
S.N. Egonu, B.Sc. (Jos), M.Sc. (Bangalore)	Lecturer II
D.A. Osibe, B.Sc., M.Sc. (Nigeria)	Lecturer II
U.C. Okafor, B.Sc., M.Sc. (Nigeria)	Lecturer II
N.C. Ikegbunam, B.Sc., M.Sc. (Nigeria)	Lecturer II
A.N. Amujiri, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
C.C. Isuosuo, B.Sc., M.Sc. (Nigeria)	Lecturer II
V.O. Ayogu, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
A.E. Nweze, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
B.O. Ude, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
E.U. Njoku, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
P.C. Ezech, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
D.C. Urama, B.Sc. (Jos), M.Sc. (Osmania)	Assistant Lecturer
C.N. Onaebi, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C.N. Adeosun, B.Sc. (Nigeria), M.Sc.(Ibadan)	Assistant Lecturer
E.B. Aliche, B.Sc., (Nigeria) M.Sc.	Graduate Assistant
A.C. Obiekwe, B.Sc. (Nigeria)	Graduate Assistant
O.J. Chioke, B.Sc. (Nigeria)	Graduate Assistant
N.M. Eze, B.Sc. (Nigeria)	Graduate Assistant
S. Ugwuanyi, B.Sc. (Nigeria)	Graduate Assistant
J.C. Chinekwu, HND. (Nigeria)	Principal Laboratory Supervisor
E.N. Ngele, B.Sc. PGD. (Umudike)	Higher Technical Officer II
E.O. Enweani, B.Sc. (Enugu)	Higher Technical Officer II
G.O. Kanu, B.Sc. (Nigeria)	Higher Technical Officer II
C. Ezeonwuka, B.Sc. (Nigeria)	Higher Technical Officer II
P.N. Ishiwu, HND, B.Sc. (Enugu)	Higher Technical Officer II
C.F. Ikele, B.Sc. (Nigeria)	Higher Technical Officer II
B.O. Ezema B.Sc. (Enugu)	Higher Technical Officer II
C.C. Nwadinigwe, B.Sc. (Nigeria)	Higher Technical Officer II
C.J. Onyeukwu, HND. (Enugu)	Higher Laboratory Supervisor
P.N. Ilo, B.Sc. (Nigeria)	Laboratory Supervisor
L.C. Onah, B.Sc. (Nigeria)	Assistant Exec. Officer/Chief Data Entry Officer

### Brief History

The Department of Plant Science and Biotechnology started as the Department of Botany during the 1962/63 Session at the Zwelling building which it shared with Zoology Department. It was among the original Departments in the Faculty of Sciences as at the 1962/63 Session. In 1976/77 Session, the Department came under the re-designated Faculty of Biological and Pharmaceutical Sciences. By 1980/81 Session the Department returned to the Faculty of Biological Sciences when the former twin Faculty of Biological and Pharmaceutical Sciences was split into the Faculty of Biological Sciences and Pharmaceutical Sciences. It has ever remained in the Faculty of Biological Sciences and has now changed to the Department of Plant Science and Biotechnology, in line with global changes in the life sciences, for greater service delivery to the society.

### Philosophy

The B.Sc. programme is designed to encourage and promote the training of students in all aspects of Plant Science and Biotechnology. The students are expected, at the end of their programme to become conscious of their environment and appreciate the delicate balance between plant life and the existence of the Earth. They are expected to become highly knowledgeable in the new frontiers of biotechnology as it relates to plants, the primary producers in the universe. Above all, it is the core goal of the

Department to produce graduates who can relate to the needs of the society through their knowledge and application of the amazing facets of plant life and products, and biotechnology.

### **Objectives**

- To structure the Academic Programmes in order to produce employers of labour rather than job seekers, in line with the directives of NUC.
- To phase out the old spirit of white-collar job and pilot the new Department towards solving the problems of the individual in particular, industries and the nation in general.
- To structure the course content with a view to giving the students the broad education and technological expertise, which they need, so as to enable them see Plant Science and Biotechnology in the wider context of Science and Technology (S & T) Education.
- To steer the new Department away from the old base of cutting the plant and studying its anatomy or memorizing as many plant names as possible, but to now ensure that the role of Plant Biotechnology in the life of the individual and the nation's economy and existence is adequately emphasized.
- To equip the products of the new Department with sound theoretical and practical knowledge in Plant Biotechnology so that they can compete effectively both locally and internationally.

### **SCOPE**

- The programmes are designed to give an understanding of the basic principles of biological sciences and give depth in various aspects of Plant Science and Biotechnology including Pulp and Paper Technology, Timber Products Technology, Plant Biotechnology, Herbarium and Phytosystematics, Plant Tissue Culture and Micropropagation, Phytoremediation and Erosion Management, Phyto-Environmental Impact Assessment, Plant Molecular Biology, Genetic Engineering, Phytobioinformatics, Ethnomedicinal Plants, Cytology, Genetics and Plant Breeding, Mycology, Plant Pathology, Plant Physiology, Plant Ecology etc. Plant Embryology and Morphogenesis, Palynology, Plant Virology and Diagnostics, Mushroom technology.
- Students majoring in Plant Science and Biotechnology are required to take courses in Zoology and Environmental Biology, Chemistry, Physics, Mathematics, Statistics, Biochemistry, Computer Science, Soil Science, Entrepreneurship, English, Humanities and Social Sciences and may be required to take elective courses in, Geology, Zoology and Environmental Biology, Microbiology, Crop Science, Soil Science, Mathematics and Statistics. In the final year, all Plant Science and Biotechnology students (Majors and Combined degree students) are required to undertake a special independent study involving experimental investigations of relevant Plant Science and Biotechnology problems.
- All students of Plant Science and Biotechnology (Majors and Combined degree students) are expected to participate in regular field trips, occasional excursions and SIWES (Students Industrial Work Experience Scheme). The SIWES programme is aimed at giving students direct working exposure to areas of application of Plant Science and Biotechnology.
- The Department also offers service courses to students of Agriculture and other interested students of other Departments or Faculties. The Department of Plant Science and Biotechnology in collaboration with other departments also offers B.Sc. Combined degree programmes in Plant Science and Biotechnology/Zoology and Environmental Biology; Plant Science and Biotechnology/Chemistry; Plant Science Biotechnology/ Biochemistry and Biology/Education.

### **Entry Requirements**

#### **UME Entry Requirement**

For the Bachelor of Science (B.Sc.) Honours degree in Plant Science and Biotechnology, the courses offered extend over a period of 4 years for students who gain admission through UTME and 3 years for direct entry students. In addition to the University minimum entry requirements, both categories of students (entrance and direct) are expected to obtain credit passes in Biology, Chemistry, Mathematics, Physics and English Language in the West African School Certificate Examination or G.C.E. O' level or N.E.C.O or any other acceptable equivalent qualification, at not more than two sittings.

#### **Direct Entry Requirement**

The courses offered for direct entry students extend over a period of 3 years. Direct entry students are also expected to obtain passes at 'principal' level in the Higher School Certificate (H.S.C) Examination or G.C.E. 'A' level or its equivalent in Chemistry and Biology or Botany or Zoology.

Candidates with the following diploma certificates may be considered for admission by direct entry: The Nigerian Certificate in Education (NCE); Higher National Diploma (HND) of College of Technology and Polytechnics or any other relevant degree qualification.

#### **Job Opportunities**

- g) Students graduating from the Department of Plant Science and Biotechnology may choose careers in research and/or pedagogy in Colleges, Universities and Research Institutions, Government, Agriculture, Forestry, Criminal Investigation Institutions, Biotechnology Research Centres, Conservation and Wild-life Management, Wood Technology and Industries, such as Sugar, Rubber, Paper Pulp, Fertilizer and Oil (Vegetable and Mineral), Petroleum Refinery, etc.
- h) Apart from these areas, graduates of the department will find it easy to employ themselves, with little financial support in the areas of Mushroom production; Floriculture, hedging and landscaping using indigenous and exotic hedge plants; establishment of orchards and plantations for food and raw material production; macro-propagation of many economic tree crops; off season vegetable and fruit production and preservation; production of seedless fruits; establishment of germplasm companies; beekeeping for honey and synergy in crop productivity.
- i) Other areas of self-employment include formulation and marketing of Herbal soaps, identification, naming, preservation and use of medicinal plants for health care delivery through refining of unacceptable crude practices by indigenous people; organic horticulture through composting; production of phytoplankton for biofuels and feeding of animals especially fishes; recycling of waste products; construction of bioreactors for energy production for households; production of fruit juices from assorted fruits and their combinations etc.

#### **Stress Areas**

General Plant Science and Biotechnology	0
Plant Morphology and Taxonomy/Biosystematics	1
Plant Anatomy	2
Plant Physiology	3
Mycology	4
Plant Genetics and Molecular Biology	5
Plant Ecology & Economic Botany	6
Plant Biotechnology	7
Seminar	8
Project	9

#### **Four-Year Standard Programme**

##### **First Year**

##### **First Semester**

CODE	TITLE	UNITS
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##### **Major Courses**

BIO 151	General Biology I	3
PSB 101	General Plant Science	2

##### **Required Ancillary Courses**

CHM 101	Basic Principles of Chemistry I	2
CHM 171	Basic Practical Chemistry	2
COS 101	Introduction to Computer Science	2
GSP 101	Use of English I	2
GSP 103	Social Sciences I	2
MTH 111	General Mathematics I	3
PHY 111	General Physics for Life Sciences I	2
PHY 191	Practical Physics	2
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##### **Second Semester**

CODE	TITLE	UNITS
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##### **Major Courses**

BIO 152	General Biology II	3
BIO 154	General Biology Practical	2
PSB 102	General Plant Biotechnology	2

##### **Required Ancillary Courses**

CHM 112	Basic Principles of Chemistry II	2
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CHM 122	Basic Principles of Chemistry III	2
GSP 102	Use of English II	2
GSP 104	Social Sciences II	2
PHY 112	General Physics for Life Sciences II	2
PHY 114	General Physics for Life Sciences III	2
<b>Electives</b>		<b>21</b>
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<b>Electives</b>		
PSB 162	Climate Change and Plant Life I	
MCB 102	Introductory Microbiology	
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 211	Phycology and Bryology	2
PSB 213	Morphology & Phytosystematics of Lower Plants	2
PSB 221	General Plant Anatomy	2
PSB 241	General Mycology	2
<b>Required Ancillary Courses</b>		
BCH 201	General Biochemistry I	23
BIO 351	General Genetics	2
CED 341	Introduction to Entrepreneurship	2
GSP 207	Humanities I	2
STA 203	Statistics for Agric and Biol. Sciences I	2
ZEB 201	General Invertebrate Zoology I	2
Elective		1
		<b>22</b>
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PSB 261	Climate and Plant Life II	1
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 246	General Plant Pathology	2
PSB 272	Mushroom Technology	2
PSB 274	Plant Macropropagation & Floriculture	1
<b>Required Ancillary Courses</b>		
BCH 202	General Biochemistry II	3
BIO 352	Cytogenetics	2
CED 342	Business Development & Management	2
CHM 232	Analytical Chemistry	2
COS 304	Computer Applications	2
GSP 208	Humanities II	2
STA 204	Statistics for Agric. & Biol. Sciences II	2
ZEB 202	General Invertebrate Zoology II	2
		<b>22</b>
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<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 301	Phytotechniques	
PSB 303	Ethnomedicinal Plants	2
PSB 313	Morphology & Phytosystematics of Higher Plants	2
PSB 331	General Plant Physiology	2
PSB 355	General Plant Molecular Biology	2
PSB 371	Principles of Plant Biotechnology	2
PSB 391	Research Methods and Plant Breeding	2
<b>Required Ancillary Courses</b>		
BIO 361	Basic Principles of Ecology	2
SSC. 211	Introductory Soil Science	2
ZEB 301	Chordate Zoology	2
<b>Electives</b>		<b>2or3</b>

		21/22
<b>Elective</b>		
MCB 201	General Microbiology	3
PSB 315	Paleobotany	2
PSB 363	Forest Resources Conservation	2
PSB 365	Vulnerability and Adaptation of Plants to Climate Change	2
PSB 367	Climate Change and Global Mitigation Policies & Strategies	2
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 392	Students Industrial Work Experience (SIWES) Field Work	6
PSB 394	SIWES Report	6
PSB 396	SIWES Seminar	3
		15
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 431	Advances in Plant Physiology	2
PSB 441	Advances in Plant Pathology	2
PSB 453	Genetics and Plant Breeding	2
PSB 455	Advances in Plant Molecular Biology	2
PSB 463	Economic and Industrial Botany	2
PSB 467	Phytogeography	1
PSB 471	Plant Tissue Culture and Micropropagation	2
PSB 481	Seminar	2
PSB 491	Principles of Scientific Writing	1
<b>Electives</b>		4or3
		19/20
<b>Electives</b>		
PSB 411	Dendrology	2
PSB 413	Herbarium and Phytosystematics	2
PSB 415	Introductory Palynology	2
PSB 417	Freshwater Phycology	2
PSB 433	Plant Embryology & Morphogenesis	2
PSB 443	Fungus Physiology	2
PSB 445	Plant Virology and Diagnostics	2
PSB 451	Cytology	2
PSB 457	Phytobioinformatics	1
PSB 461	Aquatic and Pollution Biology	2
PSB 465	Phyto – Environmental Impact Assessment	1
PSB 469	Plants Productivity and Apiculture	1
PSB 473	Phyto-biofuels	1
PSB 475	Plant Biophysics	2
PSB 477	Applications of Plant Biotechnology	2
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 422	Pulp and Paper Technology	2
PSB 424	Timber Products Technology	2
PSB 462	Plant Ecology	2
PSB 464	Phytoremediation and Erosion Management	2
PSB 466	Phytoindustrial Relations	1
PSB 474	Phytobiotechnology Ethics	1
PSB 492	Project	6
		16
<b>Three-Year Standard Programme</b>		
<b>First Year</b>		
<b>First Semester</b>		

CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 211	Phycology and Bryology	2
PSB 213	Morphology & Phytosystematics of Lower Plants	2
PSB 221	General Plant Anatomy	2
PSB 241	General Mycology	2
<b>Required Ancillary Courses</b>		
BCH 201	General Biochemistry I	3
BIO 351	General Genetics	2
CED 341	Introduction to Entrepreneurship	2
COS 101	Introduction to Computer Science	2
GSP 207	Humanities I	2
STA 203	Statistics for Agric and Biol. Sciences I	2
ZEB 201	General Invertebrate Zoology I	2
		23
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 246	General Plant Pathology	2
PSB 272	Mushroom Technology	2
PSB 274	Plant Macropropagation & Floriculture	1
<b>Required Ancillary Courses</b>		
BCH 202	General Biochemistry II	3
BIO 352	Cytogenetics	3
CED 342	Business Development & Management	2
COS 304	Computer Applications	2
GSP 208	Humanities II	2
STA 204	Statistics for Agric. & Biol. Sciences II	2
ZEB 202	General Invertebrate Zoology II	2
		21
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 301	Phytotechniques	2
PSB 303	Ethnomedicinal Plants	2
PSB 313	Morphology & Phytosystematics of Higher Plants	2
PSB 331	General Plant Physiology	2
PSB 355	General Plant Molecular Biology	2
PSB 371	Principles of Plant Biotechnology	2
PSB 391	Research Methods and Plant Breeding	2
<b>Required Ancillary Courses</b>		
BIO 361	Basic Principles of Ecology	2
SSC. 211	Introductory Soil Science	2
<b>Electives</b>		
		20
<b>Elective</b>		
PSB 315	Paleobotany	2
PSB 363	Forest Resources Conservation	2
PSB 365	Vulnerability and Adaptation of Plants to Climate Change	1
PSB 367	Climate Change and Global Mitigation Strategies	1
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 392	Students Industrial Work Experience (SIWES) Field Work	6
PSB 394	SIWES Report	6
PSB 396	SIWES Seminar	3
		15
<b>Third Year</b>		



**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

PSB 431	Advances in Plant Physiology	2
PSB 441	Advances in Plant Pathology	2
PSB 453	Genetics and Plant Breeding	2
PSB 455	Advances in Plant Molecular Biology	2
PSB 463	Economic & Industrial Botany	2
PSB 467	Phytogeography	1
PSB 471	Plant Tissue Culture and Micropropagation	2
PSB 481	Seminar	2
ZEB 301	Chordate Zoology	2
PSB 491	Principles of Scientific Writing	1

**Electives**


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 4or3  
 21/22
**Electives**

PSB 411	Dendrology	2
PSB 413	Herbarium and Phytosystematics	2
PSB 415	Introductory Palynology	2
PSB 417	Freshwater Phycology	2
PSB 433	Plant Embryology & Morphogenesis	2
PSB 443	Fungus Physiology	2
PSB 445	Plant Virology and Diagnostics	2
PSB 451	Cytology	2
PSB 457	Phytobioinformatics	1
PSB 461	Aquatic and Pollution Biology	2
PSB 465	Phyto – Environmental Impact Assessment	1
PSB 469	Plants Productivity and Apiculture	1
PSB 473	Phyto-biofuels	1
PSB 475	Plant Biophysics	2
PSB 477	Applications of Plant Biotechnology	2

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

PSB 422	Pulp and Paper Technology	2
PSB 424	Timber Products Technology	2
PSB 462	Plant Ecology	2
PSB 464	Phyto-Remediation and Erosion Management	2
PSB 466	Phytoindustrial Relations	1
PSB 474	Phytobiotechnology Ethics	1
PSB 492	Project	6

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**Plant Science and Biotechnology /Biochemistry****Four-Year Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

BIO 151	General Biology I	3
PSB 101	General Plant Science	2

**Required Ancillary Courses**

CHM 101	Basic Principles of Chemistry I	2
CHM 171	Basic Practical Chemistry	2
COS 101	Introduction to Computer Science	2
GSP 101	Use of English I	2
GSP 103	Social Sciences I	2
MTH 111	General Mathematics I	3
PHY 111	General Physics for Life Sciences I	2
PHY 191	Practical Physics	22

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**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BIO 152	General Biology II	3
BIO 154	General Biology Practical	2
CHM 112	Basic Principles of Chemistry II	2
CHM 122	Basic Principles of Chemistry III	2
PHY 112	General Physics for Life Sciences II	2
PHY 114	General Physics for Life Sciences III	2
PSB 102	General Plant Biotechnology	2
<b>Required Ancillary Courses</b>		
GSP 102	Use of English II	2
GSP 104	Social Sciences II	2
MCB 102	Introductory Microbiology	2
		21

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BCH 201	General Biochemistry I	3
BIO 351	General Genetics	2
PSB 211	Phycology and Bryology	2
PSB 221	General Plant Anatomy	2
PSB 241	General Mycology	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
CHM 221	General Organic Chemistry I	2
CHM 273	Practical Organic Chemistry I	2
GSP 207	Humanities I	2
STA 203	Statistics for Agric. and Biol. Sciences I	2
		21

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BCH 202	General Biochemistry II	3
BIO 352	Cytogenetics	2
PSB 246	General Plant Pathology	2
PSB 272	Mushroom Technology	2
<b>Required Ancillary Courses</b>		
CED 342	Business Development & Management	2
CHM 222	General Organic Chemistry	2
CHM 272	Practical Inorganic Chemistry	2
COS 304	Computer Applications	2
GSP 208	Humanities II	2
STA 204	Statistics for Agric. & Biol. Sciences II	2
		21

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 301	Phytotechniques	1
PSB 313	Morphology & Phytosystematics of Higher Plants	2
PSB 331	General Plant Physiology	2
PSB 355	General Plant Molecular Biology	2
<b>Required Ancillary Courses</b>		
BCH 301	Enzymology	2
BCH 351	Primary Metabolic Pathways	2
BCH 352	Primary Metabolic Pathways	2
BCH 353	Primary Metabolic Pathways	2
BCH 354	Primary Metabolic Pathways	2

		Programmes	359
BIO 361	Basic Principles of Ecology		2
CHM 211	General Physical Chemistry I		2
<b>Total</b>			<b>21</b>
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
PSB 392	Students Industrial Work Experience (SIWES) Field work		6
PSB 394	SIWES Report		6
PSB 396	SIWES Seminar		3
			<b>15</b>
<b>Fourth Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
BCH 401	Advanced Enzymology		2
BCH 411	Biosynthesis of Macromolecules		2
BCH 431	Bioinorganic Chemistry		2
BCH 481	Biochemical Reasoning		1
PSB 303	Ethnomedicinal Plants		2
PSB 431	Advances in Plant Physiology		2
PSB 441	Advances in Plant Pathology		2
PSB 455	Advances in Plant Molecular Biology		2
PSB 463	Economic and Industrial Botany		2
PSB 481	Seminar		2
PSB 491	Principles of Scientific Writing		1
<b>Electives</b>			2
			<b>22</b>
<b>Electives</b>			
PSB 411	Dendrology		2
PSB 413	Herbarium and Phytosystematics		2
PSB 415	Introductory Palynology		2
PSB 417	Freshwater Phycology		2
PSB 433	Plant Embryology & Morphogenesis		2
PSB 443	Fungus Physiology		2
PSB 445	Plant Virology and Diagnostics		2
PSB 451	Cytology		2
PSB 453	Genetics and Plant Breeding		2
PSB 457	Phytoinformatics		1
PSB 461	Aquatic and Pollution Biology		2
PSB 465	Phyto-Environmental Impact Assessment		2
PSB 471	Tissue Culture and Micropropagation		2
PSB 473	Phytobiofuels		1
PSB 475	Plant Biophysics		2
PSB 477	Applications of Plant Biotechnology		2
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
BCH 452	Metabolic Regulations		2
BCH 462	Plant Biochemistry		2
PSB 422	Paper and Pulp Technology		2
PSB 462	Plant Ecology		2
PSB 466	Phyto-industrial Relations		1
PSB 468	Phytoremediation & Erosion Management		2
PSB 474	Phytobiotechnology Ethics		1
PSB 492	Project		6
			<b>18</b>
<b>Plant Science and Biotechnology /Biochemistry</b>			
<b>Four-Year Standard Programme</b>			
<b>First Year</b>			

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

BIO 151	General Biology I	3
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PSB 101	General Plant Science	2
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**Required Ancillary Courses**

CHM 101	Basic Principles of Chemistry I	2
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CHM 171	Basic Practical Chemistry	2
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COS 101	Introduction to Computer Science	2
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GSP 101	Use of English I	2
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GSP 103	Social Sciences I	2
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MTH 111	General Mathematics I	3
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PHY 111	General Physics for Life Sciences I	2
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PHY 191	Practical Physics	22
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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

BIO 152	General Biology II	3
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BIO 154	General Biology Practical	2
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CHM 112	Basic Principles of Chemistry II	2
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CHM 122	Basic Principles of Chemistry III	2
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PHY 112	General Physics for Life Sciences II	2
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PHY 114	General Physics for Life Sciences III	2
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PSB 102	General Plant Biotechnology	2
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**Required Ancillary Courses**

GSP 102	Use of English II	2
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GSP 104	Social Sciences II	2
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MCB 102	Introductory Microbiology	2
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21
**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

BCH 201	General Biochemistry I	3
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BIO 351	General Genetics	2
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PSB 211	Phycology and Bryology	2
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PSB 221	General Plant Anatomy	2
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PSB 241	General Mycology	2
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**Required Ancillary Courses**

CED 341	Introduction to Entrepreneurship	2
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CHM 221	General Organic Chemistry I	2
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CHM 273	Practical Organic Chemistry I	2
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GSP 207	Humanities I	2
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STA 203	Statistics for Agric. and Biol. Sciences I	2
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21
**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

BCH 202	General Biochemistry II	3
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BIO 352	Cytogenetics	2
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PSB 246	General Plant Pathology	2
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PSB 272	Mushroom Technology	2
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**Required Ancillary Courses**

CED 342	Business Development & Management	2
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CHM 222	General Organic Chemistry	2
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CHM 272	Practical Inorganic Chemistry	2
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COS 304	Computer Applications	2
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GSP 208	Humanities II	2
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STA 204	Statistics for Agric. & Biol. Sciences II	2
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		21
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 301	Phytotechniques	1
PSB 313	Morphology & Phytosystematics of Higher Plants	2
PSB 331	General Plant Physiology	2
PSB 355	General Plant Molecular Biology	2
<b>Required Ancillary Courses</b>		
BCH 301	Enzymology	2
BCH 351	Primary Metabolic Pathways	2
BCH 352	Primary Metabolic Pathways	2
BCH 353	Primary Metabolic Pathways	2
BCH 354	Primary Metabolic Pathways	2
BIO 361	Basic Principles of Ecology	2
CHM 211	General Physical Chemistry I	2
		21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 392	Students Industrial Work Experience (SIWES) Field work	6
PSB 394	SIWES Report	6
PSB 396	SIWES Seminar	3
		15
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
BCH 401	Advanced Enzymology	2
BCH 411	Biosynthesis of Macromolecules	2
BCH 431	Bioinorganic Chemistry	2
BCH 481	Biochemical Reasoning	1
PSB 303	Ethnomedicinal Plants	2
PSB 431	Advances in Plant Physiology	2
PSB 441	Advances in Plant Pathology	2
PSB 455	Advances in Plant Molecular Biology	2
PSB 463	Economic and Industrial Botany	2
PSB 481	Seminar	2
PSB 491	Principles of Scientific Writing	1
<b>Electives</b>		2
		22
<b>Electives</b>		
PSB 411	Dendrology	2
PSB 413	Herbarium and Phytosystematics	2
PSB 415	Introductory Palynology	2
PSB 417	Freshwater Phycology	2
PSB 433	Plant Embryology & Morphogenesis	2
PSB 443	Fungus Physiology	2
PSB 445	Plant Virology and Diagnostics	2
PSB 451	Cytology	2
PSB 453	Genetics and Plant Breeding	2
PSB 457	Phytoinformatics	1
PSB 461	Aquatic and Pollution Biology	2
PSB 465	Phyto-Environmental Impact Assessment	2
PSB 471	Tissue Culture and Micropropagation	2
PSB 473	Phytobiofuels	1
PSB 475	Plant Biophysics	2
PSB 477	Applications of Plant Biotechnology	2

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BCH 452	Metabolic Regulations	2
BCH 462	Plant Biochemistry	2
PSB 422	Paper and Pulp Technology	2
PSB 462	Plant Ecology	2
PSB 466	Phyto-industrial Relations	1
PSB 468	Phytoremediation & Erosion Management	2
PSB 474	Phytobiotechnology Ethics	1
PSB 492	Project	6
		<hr/> 18

**Plant Science and Biotechnology /Chemistry****Four-Year Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BIO 151	General Biology I	3
CHM 101	Basic Principles of Chemistry I	2
CHM 171	Basic Practical Chemistry	2
PSB 101	General Plant Science	2
<b>Required Ancillary Courses</b>		2
GSP 101	Use of English I	2
GSP 103	Social Sciences I	3
MTH 111	General Mathematics I	3
PHY 111	General Physics for Life Sciences I	2
PHY 191	Practical Physics	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BIO 152	General Biology II	3
BIO 154	General Biology Practical	2
CHM 112	Basic Principles of Chemistry II	2
CHM 122	Basic Principles of Chemistry III	2
PSB 102	General Plant Biotechnology	2
<b>Required Ancillary Courses</b>		
GSP 102	Use of English II	2
GSP 104	Social Sciences II	2
PHY 112	General Physics for Life Sciences II	2
PHY 114	General Physics for Life Sciences III	2
		<hr/> 19

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BIO 351	General Genetics	2
CHM 201	General Inorganic Chemistry	2
CHM 211	General Physical Chemistry I	3
CHM 221	General Organic Chemistry	2
PSB 221	General Plant Anatomy	2
PSB 241	General Mycology	2
PSB 301	Phytotechniques	1
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
COS 101	Introduction to Computer Science	2
GSP 207	Humanities I	2

STA 203	Statistics for Agric. and Biol. Sciences I	2
		22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
BIO 352	Cytogenetics	3
PSB 246	General Plant Pathology	2
PSB 272	Mushroom Technology	2
PSB 274	Plant Macropropagation	1
<b>Required Ancillary Courses</b>		
CED 342	Business Development & Management	2
CHM 222	General Organic Chemistry	2
CHM 232	Analytical Chemistry	2
CHM 274	Practical Inorganic Chemistry	2
COS 304	Computer Applications	2
GSP 208	Humanities II	2
STA 204	Statistics for Agric. & Biol. Sciences II	2
		22
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
CHM 273	Practical Organic Chemistry I	2
CHM 301	Inorganic Chemistry I	2
CHM 321	Organic Chemistry I	2
PSB 211	Phycology and Bryology	2
PSB 301	Morphology & Phytosystematics lower Plants	2
PSB 313	Morphology & Phytosystematics of higher plants	2
PSB 331	General Plant Physiology	2
PSB 371	Principles of Plant Biotechnology	2
PSB 391	Research Methods and Plant Breeding	2
<b>Required Ancillary Courses</b>		
BIO 361	Basic Principles of Ecology	2
<b>Electives</b>		2or3
		22/23
<b>Electives</b>		
MCB 201	General Microbiology	3
SSC. 211	Introductory Soil Science	2
PSB 365	Vulnerability and Adaptation of Plants to Climate Change 1	1
PSB 367	Climate Change and Global Mitigation Strategies 1	1
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 392	Students Industrial Work Experience (SIWES) Field Work	6
PSB 394	SIWES Report	6
PSB 396	SIWES Seminar	3
		15
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
CHM 311	Physical and Structural Chemistry I	2
CHM 373	Practical Organic Chemistry I	2
CHM 374	Applied Spectroscopy	2
CHM 421	Advanced Organic Chemistry I	2
CHM 431	Modern Analytical Techniques	2
PSB 303	Ethnomedicinal Plants	2
PSB 431	Advances in Plant Biotechnology	2
PSB 441	Advances in Plant Pathology	2

OR		
PSB 355	General Plant Molecular Biology	
OR		2
PSB 463	Economic and Industrial Botany	
PSB 471	Plant Tissue Culture and Micropropagation	2
PSB 481	Seminar	2
PSB 491	Principles of Scientific Writing	1
<b>Electives</b>		1 or 2
		<hr/> 22/23
<b>Electives</b>		
PSB 411	Dendrology	2
PSB 413	Herbarium and Phytosystematics	2
PSB 415	Introductory Palynology	2
PSB 417	Freshwater Phycology	2
PSB 433	Plant Embryology & Morphogenesis	2
PSB 443	Fungus Physiology	2
PSB 445	Plant Virology and Diagnostics	2
PSB 451	Cytology	2
PSB 453	Genetics and Plant Breeding	2
PSB 457	Phytobioinformatics	1
PSB 461	Aquatic and Pollution Biology	2
PSB 465	Phyto-Environmental Impact Assessment	1
PSB 473	Phytobiofuels	1
PSB 475	Plant Biophysics	2
PSB 477	Applications of Plant Biotechnology	2
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
CHM 322	Organic Chemistry II	2
CHM 312	Physical and Organic Chemistry II	2
CHM 422	Advanced Organic Chemistry II	2
PSB 422	Paper and Pulp Biotechnology	2
OR		
PSB 424	Timber Product Technology	2
PSB 462	Plant Ecology	2
PSB 468	Phytoremediation and Erosion Management	2
PSB 492	Project	6
		<hr/> 18

**Plant Science And Biotechnology/Zoology & Environmental Biology****Four-Year Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BIO 151	General Biology I	3
PSB 101	General Plant Science	2
ZEB 101	Introductory Zoology	2
<b>Required Ancillary Courses</b>		
CHM 101	Basic Principles of Chemistry I	2
CHM 171	Basic Practical Chemistry	2
COS 101	Introduction to Computer Science	2
GSP 101	The Use of English II	2
GSP 103	Social Sciences I	2
MTH 111	General Mathematics I	3
PHY 111	General Physics for Life Sciences I	2
PHY 191	Practical Physics	2
		<hr/> 24

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

BIO 152	General Biology II	3
BIO 154	General Biology Practical	2
PSB 102	General Biotechnology	2
ZEB 172	Introductory Environmental Biology	2

**Required Ancillary Courses**

CHM 112	Basic Principles of Chemistry II	2
CHM 122	Basic Principles of Chemistry III	2
GSP 102	Use of English II	2
GSP 104	Social Sciences II	2
PHY 112	General Physics for Life Sciences II	2
PHY 114	General Physics for Life Sciences III	2

**Elective**

2  
23

**Electives**

MCB 102	Introductory Microbiology	2
PSB 162	Climate Change and Plant Life I	2
ZEB 122	Parasitology for Medical Students	2

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

PSB 211	Phycology and Bryology	2
PSB 213	Morphology & Phytosystematics of Lower Plants	2
PSB 221	General Plant Anatomy	2
PSB 241	General Mycology	2
ZEB 201	General Invertebrate Zoology I	2

**Required Ancillary Courses**

BCH 201	General Biochemistry I	3
BIO 351	General Genetics	2
CED 341	Introduction to Entrepreneurship	2
GSP 207	Humanities	2
SSC. 211	Introductory Soil Science	2
STA 203	Statistics for Agric. and Bio. Sciences I	2
		23

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

PSB 246	General Plant Pathology	2
PSB 272	Mushroom Biotechnology	2
PSB 274	Plant Macropagation	2
ZEB 202	General Invertebrate Zoology II	2
ZEB 204	Advanced & Comparative Invertebrate Zoology	2

**Required Ancillary Courses**

BCH 202	General Biochemistry II	3
BIO 352	Cytogenetics	2
CED 342	Business Development & Management	2
CSP 304	Computer Applications	2
GSP 208	Humanities II	2
STAT 204	Statistics for Agric. & Bio. Sciences II	2
		23

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

PSB 301	Phytotechniques	1
PSB 313	Morphology & Phytosystematics of Higher Plants	2
PSB 331	General Plant Physiology	2
PSB 355	General Plant Molecular Biology	2

PSB 371	Principles of Plant Biotechnology	2
PSB 391	Research Methods and Plant Breeding	2
ZEB 301	Chordate Zoology I	2
ZEB 313	Animal Histology	2
ZEB 371	Ecosystem Monitoring, Biotechnology & Management	2
<b>Required Ancillary Courses</b>		
BIO 361	Basic Principles of Ecology	2
<b>Elective</b>		2
		21
<b>Electives</b>		
PSB 303	Ethnomedicinal Plants	2
PSB 315	Paleobotany	2
PSB 363	Forest Resources Conservation	2
ZEB 331	Introductory Entomology	2
PSB 365	Vulnerability and Adaptation of Plants to Climate Change	2
PSB 367	Climate Change and Global Mitigation Strategies	2
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 392	Students Industrial Work Experience (SIWES) Field work	6
PSB 394	SIWES Report	6
PSB 396	SIWES Seminar	3
		15
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSB 431	Advances in Plant Physiology	2
PSB 441	Advances in Plant Pathology	2
PSB 453	Genetics and Plant Breeding	2
PSB 455	Advances in Plant Molecular Biology	2
PSB 463	Economic and Industrial Botany	2
PSB 481	Seminar	2
PSB 491	Principles of Scientific Writing	1
ZEB 311	Basic Animal Physiology	2
ZEB 401	Chordate Zoology II	2
ZEB 403	Systematic Zoology and Evolution	2
ZEB 411	Animal Developmental Biology	2
<b>Elective</b>		1or2
		22/23
<b>Electives</b>		
PSB 303	Ethnomedicinal Plants	2
PSB 411	Dendrology	2
PSB 413	Herbarium and Phytosystematics	2
PSB 415	Introductory Palynology	2
PSB 417	Freshwater Phycology	2
PSB 433	Plant Embryology & Morphogenesis	2
PSB 443	Fungus Physiology	2
PSB 445	Plant Virology and Diagnostics	2
PSB 451	Cytology	2
PSB 457	Phytobioinformatics	2
PSB 461	Aquatic and Pollution Biology	2
PSB 463	Phyto-Environmental Impact Assessment	1
PSB 469	Plant Productivity and Apiculture	1
PSB 473	Phyto-biofuels	1
PSB 471	Plant Tissue Culture and Micropropagation	2
PSB 475	Plant Biophysics	2
PSB 477	Applications of Plant Biotechnology	2
ZEB 443	Hydrobiology	2

ZEB 453 Conservation and Wildlife Management

2

**Second Semester**

CODE TITLE

UNITS

**Major Courses**

PSB 422 Pulp and Paper Technology

2

PSB 462 Plant Ecology

2

PSB 464 Phytoremediation and Erosion Management

2

PSB 492 Project

6

ZEB 402 Ethology

3

ZEB 404 Small Animal Production

2

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**Department of Zoology and Environmental Biology**

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Professor

J.E. Eyo, B.Sc. (Sokoto). M.Sc., Ph.D. (Nigeria)

Professor

B.O. Mgbenka, B.Sc., (Nigeria) M.Sc. (Auburn), Ph.D. (Georgia)

Professor/Head 2014-2017

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G.I. Ngwu. HND, PGD (Awka), M.Sc., Ph.D.(Nigeria)

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Lecturer II

C.O. Asogwa, B.Sc., M.Sc. (Nigeria)

Lecturer II

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Assistant Lecturer

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Assistant Lecturer

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Assistant Lecturer

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Graduate Assistant

C.O. Chiejina, B.Sc. (Benin)

Graduate Assistant

**Brief History**

“To restore the dignity of man” is the guiding principle on which the Department of Zoology and Environmental Biology (formerly Department of Zoology) was founded. This was way back in 1961. The Department was envisioned to be the first indigenous citadel of learning where zoology courses were taught to young Nigerians, Africans and global youths. The Department came out with the clear objective of giving effective training to Nigerians, Africans and global young men and women thus filling the need

for the national and international production of high quality, competent and competitive Zoologist which possesses the attitude and attributes essential for the building of the nation to a desire focused direction and excellent level of intellectual development. These objectives were articulated with great clarity aimed at producing graduates who are versatile and of excellent intellectual fibre in addition to acquiring through passage within the university, a sound and impeccable moral character and a burning desire and willingness to devote themselves and their energies towards making great the Nigerian nation where excellence, truth and justice prevails. Against this background, the founding fathers in 1961 established the foundation Faculties of Science, Arts and The use of Library and Study Skill in addition to Engineering, and for the first time in Nigeria the School of General Studies. Within the Faculty of Science the Departments of Zoology, Botany, Physics and Chemistry were inaugurated as service and foundation Departments essential for man power development.

The Department of Zoology and Environmental Biology offers courses leading to the B.Sc. (Hons.) Degree in Zoology and Environmental Biology. Admission is by University Matriculation Examination (UME) or by Direct-Entry. Candidates admitted by UME shall undergo a four-year degree programme while those admitted by Direct-Entry shall undertake a three-year degree programme.

### **Philosophy**

In accordance with the Philosophy of the University, the Zoology and Environmental Biology programme is planned to promote general and practical education in Zoology and Environmental Biology. Animals' existence is totally dependent on the abiotic and biotic variables of its environment. The knowledge of Zoology and Environmental Biology is the central theme in such emerging areas like Ecotoxicology, Animal Biotechnology, Biodiversity studies, Ecosystem monitoring, Environmental Management and Animal Bioinformatics. Environmental biology encompassing such multidisciplinary area has become an important issue in animal biodiversity prospecting and environmental management. Hence, it is imperative that the student should be properly trained to enable her play the expected pivotal roles in these emerging field of learning. Thus to play this role, adequate knowledge of environmental biology is imperative and has been built into the curriculum.

### **Objectives**

- The objective of the programme is to train students to respond to the global challenges and the needs of the Nigerian society in particular, through broad training/education in the areas of General Biology, General and Applied Invertebrate and Vertebrate Zoology; Animal Developmental Biology, Histology, Genetics and Animal Breeding, Molecular Biology and Bioinformatics, Animal biotechnology, Animal Ecology, Systematic and Evolutionary Zoology, Animal Behaviour, General Physiology and Environmental Biology.
- To equip students with adequate practical knowledge that will enable them be self-reliant and captains of biomedical, agro-aquacultural, petrochemical, environmental and human development industries.
- To equip students with adequate research techniques that will enable them function as research officers in biomedical, agro-aquacultural, petrochemical and environmental sectors of both national and global economies.
- To give adequate, effective and resourceful training needed for the national and international production of high quality, competent and competitive Zoologist that possess the attitude, character and attributes essential for building the Nigeria nation to excellent level of societal development.

### **Scope**

Student are train in the areas of General Biology, General and Applied Invertebrate and Vertebrate Zoology; Animal Developmental Biology, Histology, Genetics and Animal Breeding, Molecular Biology and Bioinformatics, Animal biotechnology, Animal Ecology, Systematic and Evolutionary Zoology, Animal Behaviour, General Physiology and Environmental Biology. Students are also required to take ancillary courses in; Chemistry, Biochemistry, Statistics and Computer Science as well as elective courses in Mathematics, Physics, Agriculture, Geology, Computer Science, Microbiology, Soil Science, Plant Science and Biotechnology and Modern Languages.

In the final year the students are expected to branch out into one of the special areas (Parasitology, Fisheries Biology, Physiology, Entomology, Environmental Biology Genetics and Animal biotechnology, and take advanced courses in these areas that offer them greater exposure and in-depth knowledge in their chosen options. In addition, the Students' Industrial Work Experience Scheme has been incorporated in the programme. It is scheduled for the second semester of the third year.

Areas in Zoology and Environmental Biology programme which are of particular National importance/interest include such areas as Fisheries Biology, Parasitology, Entomology (Pure and Applied), General and Comparative Animal Physiology as well as Environmental Biology, Animal Genetics, Animal biotechnology, Molecular Biology that are offered in greater detail in the third and the final year.

Zoology and Environmental Biology courses may be combined with others in relevant disciplines for the B.Sc. (Hons) degree in Zoology and Environmental Biology/ Plant Science and Biotechnology, Zoology and Environmental Biology/ Chemistry, Zoology and Environmental Biology / Biochemistry, Zoology and Environmental Biology / Microbiology, Education/Biology, etc.

### Entry Requirements

1. **UME Entry Requirements:** Five O level credit passes at not more than two sitting to include Biology, English Language, Mathematics or Physics and Chemistry are mandatory; at School Certificate or its equivalent are acceptable.
2. **Direct-Entry Requirements:** Principal level passes at HSC or GCE A/L in Biology or Zoology and one other Science subject plus a credit pass in Mathematics or Physics in School Certificate or its equivalent; Diploma in Applied Biology from recognized institutions plus 4 credit level passes including Chemistry and Biology and a credit pass in English Language in School Certificate or its equivalent. A degree in relevant fields plus UME requirements, HND and NCE credit pass are acceptable.

### Job Opportunities

Graduates of Zoology and Environmental Biology can find employment in different specialized sectors of the national and global economy. Relatively few of these sectors include; medical and biomedical sector such as hospitals, clinic, public health facilities, pharmaceutical companies, diseases vectors control departments, World Health Organization and medical and biomedical research institutions etc., for professional in public health and parasitology, entomology, animal biotechnology and physiology.

In agricultural establishments, pest control and crop protection units, aquaculture facilities, Institute of Marine and Oceanographic Research, Institute of Freshwater Fish Research, Institute of Topical Agriculture, fisheries unit of Ministry of Agriculture, veterinary clinics, snailry, laboratory /small animal production facilities, Food and Agricultural Organization, Food and Drugs Administration Agencies etc for professional entomologist, fisheries scientist, aquaculturist, animal biotechnologist and hydrobiologist.

Urban and municipal waste management, sewage management, sanitation projects, pollution and Environmental Protection Agencies, environmental impact assessment facilities, wild life and games resorts, zoological parks, biodiversity prospecting projects, museums of natural history and petrochemical industries (Oil and Gas industries) etc., for ecologist, hydrobiologist, mammalogist, environmental biologist, conservationist, animal biotechnologist etc.

They can also find work in industries such as breweries, feed production, food processing and educational facilities as auxiliary teachers, and in agricultural and commercial banks as bankers.

### Stress Areas

Basic Courses in Zoology	0
Physiology	1
Parasitology	2
Entomology	3
Fisheries Biology	4
Animal Ecology	5
Animal Genetics, Molecular Biology and Biotechnology	6
Environmental Biology	7
Seminar	8
Project	9

### Four-Year Standard Programme

#### First Year

#### First Semester

CODE	TITLE	UNITS
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#### Major Courses

BIO 151	General Biology I	3
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#### Required Ancillary Courses

CHM 101	Basic Principles of Chemistry	2
CHM 171	Basic Practical Chemistry	2
MTH 111	General Mathematics I	3
PHY 111	General Physics for Life Sciences I	2
PHY 191	Practical Physics	2
GSP 101	The use of English I	2
GSP 111	The use of Library	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ZEB 102	Introductory Zoology	2
ZEB 171	Introductory Environmental Biology	2
BIO 152	General Biology II	3
BIO 154	General Biology Practical	2

**Required Ancillary Courses**

PHY 112	General Physics for Life Sciences II	2
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
GSP 102	The use of English II	2

**Electives: Choose two Units**

ZEB 122	Parasitology for Medical Students	2
MCB 102	Introductory Microbiology	2
PSB 102	Introductory Plant Biotechnology	2
		<hr/> 2
		19

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ZEB 201	General Invertebrate Zoology I	2
BIO 351	General Genetics	2

**Required Ancillary Courses**

BCH 201	General Biochemistry I	3
COS 101	Introduction to Computer Science	2
STA 201	Statistics for Agricultural and Biological Sciences I	2
CHM 221	General Organic Chemistry I	2
CED 341	Introduction to Entrepreneurship	2
GSP 201	Basic Concepts and theory of Peace	2
GSP 207	Logic, Philosophy and Human Existence	2

**Electives: Choose two Units**

PSB 211	Phycology and Bryology	2
PSB 221	General Plant Anatomy	2
PSB 241	General Mycology	2
MCB 201	General Microbiology I	2
SSC 211	Principles of Soil Science	2
		<hr/> 2
		21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ZEB 202	General Invertebrate Zoology II	2
ZEB 271	Environmental Health Biology	2
ZEB 276	Ecotoxicology and Environmental Safety	2
BIO 352	Cytogenetics	2
BIO 362	Basic Principles of Ecology	2

**Required Ancillary Courses**

BCH 202	General Biochemistry II	3
COS 304	Computer Applications	2
STA 204	Statistics for Agricultural and Biological Sciences II	2
CED 342	Business Development and Management	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2

GSP 208	Nigerian People and Culture	2
		<u>23</u>

### Third Year

#### First Semester

CODE	TITLE	UNITS
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#### Major Courses

ZEB 301	Chordate Zoology I	2
ZEB 303	Laboratory Technique	2
ZEB 311	Basic Animal Physiology	2
ZEB 313	Animal Histology	2
ZEB 321	Basic Parasitology	2
ZEB 331	Basic Entomology	2
ZEB 341	Basic Fisheries	2
ZEB 361	Basic Animal Molecular Biology	2
ZEB 363	Basic Animal Biotechnology	2
ZEB 371	Ecosystem Monitoring and Management	2

#### Electives: Choose two Units

ZEB 351	Climatic Change and Animal Biodiversity	2
PSB 313	Morphology and Phytosystematics of Higher Plants	2
PSB 381	Principles of Plant Biotechnology	2
PSB 303	Ethnomedicinal Plants	2
PSB 355	General Plant Molecular Biology	2
		<u>2</u>
		22

#### Second Semester

CODE	TITLE	UNITS
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#### Major Courses

ZEB 392	Students' Industrial Work Experience Scheme (Field Work)	6
ZEB 394	SIWES Report	6
ZEB 396	SIWES Seminar	3
		<u>15</u>

### Fourth Year

#### First Semester

CODE	TITLE	UNITS
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#### Major Courses

ZEB 401	Chordate Zoology II	2
ZEB 403	Systematic Zoology and Evolution	2
ZEB 411	Animal Developmental Biology	2
ZEB 443	Hydrobiology	2
ZEB 481	Seminar	2
ZEB 471	Environmental Biology	2
ZEB 455	Wastes and Waste Management	2

#### Special Area: Take one course from among the following:

ZEB 413	Animal Physiology I	2
ZEB 421	Animal Parasitology I	2
ZEB 431	Entomology I	2
ZEB 441	Fisheries Biology I	2
ZEB 461	Animal Genetics and Molecular Biology	2
ZEB 463	Advanced Animal Biotechnology I	2
		2

#### Electives: Choose two Units

ZEB 405	Mammalogy	2
ZEB 453	Wildlife Conservation and Park Management	2
		<u>2</u>
		18

#### Second Semester

CODE	TITLE	UNITS
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#### Major Courses

ZEB 402	Ethology	2
ZEB 404	Small Animal Production	2
ZEB 452	Animal Ecology	2
ZEB 472	Environmental Impact Assessment	2

ZEB 490	Research Project	6	
<b><i>Special Area: Take one course from among the following:</i></b>			
ZEB 412	Animal Physiology II	2	
ZEB 422	Animal Parasitology II	2	
ZEB 432	Entomology II	2	
ZEB 442	Fisheries Biology II	2	
ZEB 462	Animal Molecular Biology and Bioinformatics	2	
ZEB 464	Advanced Animal Biotechnology II	2	2
<b><i>Electives: Choose two Units</i></b>			
ZEB 468	Population Genetics	2	
ZEB 454	Animal Biodiversity Management and Prospecting	2	2
			<hr/> 18
<b>Three-Year Standard Programme</b>			
<b>First Year</b>			
<b><i>First Semester</i></b>			
CODE	TITLE		UNITS
<b><i>Major Courses</i></b>			
ZEB 201	General Invertebrate Zoology I	2	
ZEB 303	Laboratory Technique	2	
BIO 351	General Genetics	2	
<b><i>Required Ancillary Courses</i></b>			
BCH 201	General Biochemistry I	3	
COS 101	Introduction to Computer Science	2	
STA 203	Statistics for Agricultural and Biological Sciences	2	
CHM 221	General Organic Chemistry I	2	
CED 341	Introduction to Entrepreneurship	2	
GSP 101	The use of English I	2	
<b><i>Electives: Choose two Units</i></b>			
PSB 211	Phycology and Bryology	2	
PSB 221	General Plant Anatomy	2	
PSB 241	General Mycology	2	
MCB 201	General Microbiology I	2	
SSC 211	Principles of Soil Science	2	2
			<hr/> 21
<b><i>Second Semester</i></b>			
CODE	TITLE		UNITS
<b><i>Major Courses</i></b>			
ZEB 202	General Invertebrate Zoology II	2	
ZEB 272	Environmental Health Biology	2	
ZEB 276	Ecotoxicology and Environmental Safety	2	
BIO 352	Cytogenetics	2	
BIO 362	Basic Principles of Ecology	2	
<b><i>Required Ancillary Courses</i></b>			
BCH 202	General Biochemistry II	3	
COS 304	Computer Applications	2	
STA 204	Statistics for Agriculture and Biological Sciences II	2	
CED 342	Business Development and Management	2	
GSP 102	The use of English II	2	
			<hr/> 21
<b>Second Year</b>			
<b><i>First Semester</i></b>			
CODE	TITLE		UNITS
<b><i>Major Courses</i></b>			
ZEB 301	Chordate Zoology I	2	
ZEB 311	Basic Animal Physiology	2	
ZEB 313	Animal Histology	2	
ZEB 321	Basic Parasitology	2	
ZEB 331	Basic Entomology	2	
ZEB 341	Basic Fisheries	2	
ZEB 361	Basic Animal Molecular Biology	2	



ZEB 363	Basic Animal Biotechnology	2	
ZEB 371	Ecosystem Monitoring and Management	2	
<b>Required Ancillary Courses</b>			
GSP 201	Basic Concepts and theory of Peace	2	
GSP 207	Logic, Philosophy and Human Existence	2	2
<b>Electives: Choose two Units</b>			
ZEB 351	Climatic Change and Animal Biodiversity	2	
PSB 313	Morphology and Taxonomy of Angiosperms	2	2
			<hr/> 22
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
ZEB 392	Students' Industrial Work Experience Scheme (Field Work)	6	
ZEB 394	SIWES Report	6	
ZEB 396	SIWES Seminar	3	
			<hr/> 15
<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
ZEB 401	Chordate Zoology II	2	
ZEB 403	Systematic Zoology and Evolution	2	
ZEB 455	Wastes and Waste Management	2	
ZEB 411	Animal Developmental Biology	2	
ZEB 443	Hydrobiology	2	
ZEB 481	Seminar	2	
ZEB 471	Environmental Biology	2	
<b>Special Area: Take one course from among the following:</b>			
ZEB 413	Animal Physiology I	2	
ZEB 421	Animal Parasitology I	2	
ZEB 431	Entomology I	2	
ZEB 441	Fisheries Biology I	2	
ZEB 461	Animal Genetics and Molecular Biology	2	
ZEB 463	Advanced Animal Biotechnology I	2	2
<b>Electives: Choose two Units</b>			
ZEB	Mammalogy	2	
ZEB	Wildlife Conservation and Park Management	2	2
			<hr/> 18
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
ZEB 402	Ethology	2	
ZEB 452	Animal Ecology	2	
ZEB 404	Small Animal Production	2	
ZEB 472	Environmental Impact Assessment	2	
ZEB 490	Research Project	6	
<b>Special Area: Take one course from among the following:</b>			
ZEB 412	Animal Physiology II	2	
ZEB 422	Animal Parasitology II	2	
ZEB 432	Entomology II	2	
ZEB 442	Fisheries Biology II	2	
ZEB 462	Animal Molecular Biology and Bioinformatics	2	
ZEB 464	Advanced Animal Biotechnology II	2	2
<b>Electives: Choose two Units</b>			
ZEB 468	Population Genetics	2	
ZEB 454	Animal Biodiversity Management and Prospecting	2	2
			<hr/> 18
<b>Zoology and Environmental Biology/Chemistry</b>			
<b>Four-Year standard Programme</b>			

**First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BIO	General Biology I	3
CHM	Basic Principles of Chemistry	2
CHM	Basic Practical Chemistry	2
<b>Required Ancillary Courses</b>		
MTH	General Mathematics I	3
PHY	General Physics for Life Sciences I	2
PHY	Practical Physics	2
GSP	The Use of English I	2
GSP	The Use of Library	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ZEB	Introductory Zoology	
ZEB	Introductory Environmental Biology	2
BIO	General Biology II	3
BIO	General Biology Practical	2
CHM	Basic Principles of Physical Chemistry	2
CHM	Basic Principles of Organic Chemistry	2
<b>Required Ancillary Courses</b>		
PHY	General Physics for Life Sciences II	2
GSP	The Use of English II	2
<b>Electives: Choose two Units</b>		
ZEB	Parasitology for Medical Students	2
MCB	Introductory Microbiology	2
PSB	Introductory Plant Biotechnology	2
		<hr/> 21

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ZEB	General Invertebrate Zoology I	2
CHM	General Inorganic chemistry	2
CHM	General Physical Chemistry	2
CHM	General Organic Chemistry I	2
<b>Required Ancillary Courses</b>		
COS	Introduction to Computer Science	2
STA	Statistics for Agriculture of Biol. Sciences I	2
CED	Introduction to Entrepreneurship	2
GSP	Basic Concepts and theory of Peace	2
GSP 207	Logic, Philosophy and Human Existence	2
<b>Electives: Choose two Units</b>		
ZEB	Climatic Change and Animal Biodiversity	2
PSB	Introductory Plant Anatomy	2
MCB	General Microbiology I	2
SSC	Principles of Soil Science	2
BCH	General Biochemistry I	3
BIO	General Genetics	2
		<hr/> 2or3 20/21

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ZEB	General Invertebrate Zoology II	2
ZEB	Ecotoxicology and Environmental Safety	2
BIO	Basic Principles of Ecology	2
CHM	General Organic Chemistry II	2

CHM	Analytical Chemistry	2
CHM	Practical Inorganic Chemistry I	2
<b>Required Ancillary Courses</b>		
COS	Computer Applications	2
STA	Statistic for Agric. and Biol. Sciences II	2
CED	Business Development and Management	2
GSP	Issues in Peace and Conflict Resolution Studies	2
GSP	Nigeria People and Culture	2
		<hr/> 22

**Third Year**

**First Semester**

CODE	TITLE	UNITS	
<b>Major Courses</b>			
ZEB 301	Chordate Zoology I	2	
ZEB 303	Laboratory Techniques	2	
ZEB 313	Animal Histology	2	
CHM 273	Practical Organic Chemistry I	2	
CHM 301	Inorganic Chemistry I	2	
CHM 321	Organic Chemistry I	2	
<b>Electives: Choose four Courses</b>			
ZEB 311	Basic Animal Physiology	2	
ZEB 321	Basic Parasitology	2	
ZEB 331	Basic Entomology	2	8
ZEB 341	Basic Fisheries	2	
ZEB 361	Basic Animal Molecular Biology	2	
ZEB 363	Basic Animal Biotechnology	2	
		20	

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ZEB 392	Students' Industrial Work Experience Scheme (Field Work)	6
ZEB 394	SIWES Report	6
ZEB 396	SIWES Seminar	3
		15

**Fourth Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ZEB 401	Chordate Zoology II	2
ZEB 403	Systematic Zoology and Evolution	2
ZEB 411	Animal Developmental Biology	2
ZEB 443	Hydrobiology	2
ZEB 481	Seminar	2
ZEB 455	Wastes and Waste Management	2
CHM 311	Physical and Structural Chemistry I	2
CHM 421	Advanced Organic Chemistry I	2
CHM 431	Modern Analytical Techniques	2
<b>Electives: Choose two Units</b>		
ZEB 405	Mammalogy	2
ZEB 453	Wildlife Conservation and Park Management	2
ZEB 413	Animal Physiology I	2
ZEB 421	Animal Parasitology I	2
ZEB 431	Entomology I	2
ZEB 441	Fisheries Biology I	2
ZEB 461	Animal Genetics and Molecular Biology	2
ZEB 463	Advanced Animal Biotechnology I	2
		20

**Second Semester**

CODE	TITLE	UNITS	
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**Major Courses**

ZEB 402	Ethology	2	
ZEB 452	Animal Ecology	2	
ZEB 490	Research Project	6	
ZEB 472	Environmental Impact Assessment	2	
CHM 322	Organic Chemistry II	2	
CHM 312	Physical and Structural Chemistry II	2	
CHM 422	Advanced Organic Chemistry II	2	

**Electives: Choose two Units**

ZEB 404	Small Animal Production	2	2
ZEB 468	Population Genetics	2	
ZEB 454	Animal Biodiversity Management and Prospecting	2	
ZEB 412	Animal Physiology II	2	
ZEB 422	Animal Parasitology II	2	
ZEB 432	Entomology II	2	
ZEB 442	Fisheries Biology II	2	
ZEB 462	Animal Molecular Biology and Bioinformatics	2	
ZEB 464	Advanced Animal Biotechnology II	2	

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**Zoology and Environmental Biology/Biochemistry****Four-Year-Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

BIO 151	General Biology I	3
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**Required Ancillary Courses**

CHM 101	Basic Principles of Chemistry	2
CHM 171	Basic Practical Chemistry	2
MTH 111	General Mathematics I	3
PHY 111	General Physics for life sciences I	2
PHY 191	Practical Physics	2
GSP 101	The use of English I	2
GSP 111	The Use of the Library	2

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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

BIO 152	General Biology II	3
BIO 154	General Biology Practical	2
ZEB 102	Introductory Zoology	2
ZEB 172	Introductory Environmental Biology	2

**Required Ancillary Courses**

CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic principles of Organic Chemistry	2
PHY 112	General Physics for life sciences II	2
GSP 102	The use of English II	2

**Electives: Choose two Units**

ZEB 122	Parasitology for Medical Students	2	
MCB 102	Introductory Microbiology	2	
PSB 102	Introductory Plant Biotechnology	2	2

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**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ZEB 201	General Invertebrate Zoology I	2
BCH 201	General Biochemistry I	3

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
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STA 203	Statistics for Agric. and Biol. Sc. I	2	
CHM 211	General Physical Chemistry	2	
CHM 221	General Organic Chemistry I	2	
CHM 273	Practical Organic Chemistry I	2	
CED 341	Introduction to Entrepreneurship	2	
GSP 201	Basic Concepts and theory of Peace	2	
GSP 207	Logic, Philosophy and Human Existence	2	

**Electives: Choose two Units**

PSB 221	Introductory Plant Anatomy	2	
MCB 201	General Microbiology I	2	
SSC 211	Principles of Soil Science	2	2
			<hr/> 23

**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

ZEB 202	General Invertebrate Zoology II	2	
ZEB 276	Ecotoxicology and Environmental Safety	2	
BCH 202	General Biochemistry II	3	
BIO 362	Basic Principles of Ecology	2	

**Required Ancillary Courses**

STA 204	Statistics for Agricultural and Biology Sciences II	2	
COS 304	Computer Applications	2	
CHM 222	General Organic Chemistry II	2	
CED 342	Business Development and Management	2	
GSP 202	Issues in Peace and Conflict Resolution Studies	2	
GSP 208	Nigerian People and Culture	2	

**Electives: Choose two Units**

ZEB 272	Environmental Health Biology	2	
BIO 352	Cytogenetics	2	2
			<hr/> 23

**Third Year**

**First Semester**

CODE	TITLE		UNITS
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**Major Courses**

ZEB 301	Chordate Zoology I	2	
ZEB 303	Laboratory Techniques	2	
ZEB 313	Animal Histology	2	
ZEB 371	Ecosystem Monitoring and Management	2	
BCH 301	Enzymology	3	
BCH 351	Primary Metabolic Pathway I	2	
BCH 353	Primary Metabolic Pathway II	2	

**Electives: Choose two Units**

ZEB 311	Basic Animal Physiology	2	2
ZEB 351	Climatic Change and Animal Biodiversity	2	
ZEB 321	Basic Parasitology	2	
ZEB 331	Basic Entomology	2	
ZEB 341	Basic Fisheries	2	
ZEB 361	Basic Animal Molecular Biology	2	
ZEB 363	Basic Animal Biotechnology	2	
			<hr/> 17

**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

ZEB 392	Students' Industrial Work Experience Scheme (Field Work)	6	
ZEB 394	SIWES Report	6	
ZEB 396	SIWES Seminar	3	
			<hr/> 15

**Fourth Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ZEB 401	Chordate Zoology II	2
ZEB 411	Animal Developmental Biology	2
ZEB 403	Systematic Zoology and Evolution	2
ZEB 443	Hydrobiology	2
ZEB 455	Wastes and waste Management	2
ZEB 481	Seminar	2
BCH 411	Biosynthesis of Macromolecules	2
BCH 421	Tissue Biochemistry	2
BCH 401	Advanced Enzymology	2
<b>Electives: Choose two Units</b>		
ZEB 405	Mammalogy	2
ZEB 453	Wildlife Conservation and Park Management	2
ZEB 413	Animal Physiology I	2
ZEB 421	Animal Parasitology I	2
ZEB 431	Entomology I	2
ZEB 441	Fisheries Biology I	2
ZEB 461	Animal Genetics and Molecular Biology	2
ZEB 463	Advanced Animal Biotechnology I	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ZEB 402	Ethology	2
ZEB 404	Small Animal Production	2
ZEB 472	Environmental Impact Assessment	2
ZEB 452	Animal Ecology	2
ZEB 490	Research Project	6
BCH 422	Pharmacological Biochemistry	2
BCH 452	Metabolic Regulations	2
<b>Electives: Choose two Units</b>		
ZEB 468	Population Genetics	2
ZEB 454	Animal Biodiversity Management and Prospecting	2
ZEB 412	Animal Physiology II	2
ZEB 422	Animal Parasitology II	2
ZEB 432	Entomology II	2
ZEB 442	Fisheries Biology II	2
ZEB 462	Animal Molecular Biology and Bioinformatics	2
ZEB 464	Advanced Animal Biotechnology II	2
		<hr/> 20

**Zoology and Environmental Biology/Plant Science and Biotechnology****Four-Year Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BIO 151	General Biology I	3
<b>Required Ancillary Courses</b>		
CHM 101	Basic Principles of Chemistry	2
CHM 171	Basic Practical Chemistry	2
MTH 111	General Mathematics I	3
PHY 111	General Physic for life Sciences I	2
PHY 191	Practical Physics	2
GSP 101	The use of English I	2
GSP 111	The use of Library	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

BIO 152	General Biology II	3
BIO 154	General Biology Practical	2
ZEB 102	Introductory Zoology	2
ZEB 172	Introductory Environmental Biology	2
PSB 102	General Biotechnology	2

**Required Ancillary Courses**

CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
PHY 112	General Physics for Life Sciences II	2
GSP 102	The Use of English II	17

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ZEB 201	General Invertebrate Zoology I	2
PSB 211	Algology and Bryology	2
PSB 221	Introductory Plant Anatomy	2

**Required Ancillary Courses**

BIO 351	General Genetics	2
BCH 201	General Biochemistry I	3
COS 101	Introduction to Computer Science	2
STA 203	Statistics for Agric. and Biol. Science I	2
CED 341	Introduction to Entrepreneurship	2
GSP 201	Basic Concepts and theory of Peace	2
GSP 207	Logic Philosophy and Human existence	2
		21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ZEB 202	General Invertebrate Zoology II	2
ZEB 276	Ecotoxicology and Environmental Safety	2
PSB 242	Introductory Mycology	2
BIO 362	Basic Principles of Ecology	2
BIO 352	Cytogenetics	2
BCH 202	General Biochemistry	3

**Required Ancillary Courses**

STA 204	Statistics for Agricultural and Biological Sciences II	2
CED 342	Business Development and Management	2
GSP202	Issues in Peace and Conflict Resolution Studies	2
GSP 208	Nigerian People and Culture	2
		21

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ZEB 301	Chordate Zoology I	2
ZEB 303	Laboratory Technique	2
ZEB 313	Animal Histology	2
ZEB 371	Ecosystem Monitoring and Management	2
ZEB 361	Basic Animal Molecular Biology	2
PSB 313	Morphology and Taxonomy of Angiosperms	2
PSB 311	Morphology & Taxonomy of Gymnosperms & Pteridophytes	2
PSB 381	Research Methods	2

**Electives: Choose two Units**

ZEB 311	Basic Animal Physiology	2
ZEB 351	Climatic Change and Animal Biodiversity	2
ZEB 321	Basic Parasitology	2
ZEB 331	Basic Entomology	2

ZEB 341	Basic Fisheries	2	
ZEB 361	Basic Animal Molecular Biology	2	
ZEB 363	Basic Animal Biotechnology	2	2
			<hr/> 18

**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

ZEB 392	Students' Industrial Work Experience Scheme (Field Work)		6
ZEB 394	SIWES Report		6
ZEB 396	SIWES Seminar		3
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**Fourth Year****First Semester**

CODE	TITLE		UNITS
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**Major Courses**

ZEB 401	Chordate Zoology II		2
ZEB 403	Systematic Zoology and Evolution		2
ZEB 411	Animal Developmental Biology		2
ZEB 471	Environmental Biology		2
ZEB 481	Seminar		2
ZEB 455	Wastes and Waste Management		2
PSB 431	Advanced Plant Physiology		2
PSB 441	Advanced Plant Pathology		2

**Electives: Choose two Units**

ZEB 405	Mammalogy	2	
ZEB 453	Wildlife Conservation and Park Management	2	
ZEB 413	Animal Physiology I	2	
ZEB 421	Animal Parasitology I	2	
ZEB 431	Entomology I	2	
ZEB 441	Fisheries Biology I	2	
ZEB 461	Animal Genetics and Molecular Biology	2	
ZEB 463	Advanced Animal Biotechnology I	2	
ZEB 371	Ecosystem Monitoring and Management	2	2
			<hr/> 18

**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

ZEB 402	Ethology		2
ZEB 404	Small Animal Production		2
ZEB 452	Animal Ecology		2
ZEB 472	Environmental Impact Assessment		2
ZEB 490	Research Project		6
PSB 422	Plant Anatomy		2
COS 304	Computer Applications		2

**Electives: Choose two Units**

ZEB 468	Population Genetics	2	
ZEB 454	Animal Biodiversity Management and Prospecting	2	
ZEB 412	Animal Physiology II	2	
ZEB 422	Animal Parasitology II	2	
ZEB 432	Entomology II	2	
ZEB 442	Fisheries Biology II	2	
ZEB 462	Animal Molecular Biology and Bioinformatics	2	
ZEB 464	Advanced Animal Biotechnology II	2	2
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**Zoology and Environmental Biology/Microbiology****Four-Year Standard Programme****First Year****First Semester**

CODE	TITLE		UNITS
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**Major Courses**

BIO 151	General Biology I	3
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**Required Ancillary Courses**

CHM 101	Basic Principles of Chemistry	2
CHM 171	Basic Practical Chemistry	2
MTH 111	General Mathematics I	3
PHY 111	General Physics for Life Sciences I	2
PHY 191	Practical Physics	2
GSP 101	The Use of English I	2
GSP 111	The Use of Library	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ZEB 102	Introductory Zoology	2
ZEB 172	Introductory Environmental Biology	2
MCB 102	Introductory Microbiology	2
BIO 152	General Biology II	3
BIO 154	General Biology Practical	2

**Required Ancillary Courses**

PHY 112	General Physics for Life Sciences II	2
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
GSP 102	The Use of English II	2
		<hr/> 19

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ZEB 201	General Invertebrate Zoology I	2
MCB 201	General Microbiology I	2
BIO 351	General Genetics	2

**Required Ancillary Courses**

BCH 201	General Biochemistry I	3
COS 101	Introduction to Computer Science	2
STA 203	Statistics for Agricultural and Biological Sciences I	2
CHM 221	General Organic Chemistry I	2
CED 341	Introduction to Entrepreneurship	2
GSP 201	Basic Concepts and theory of Peace	2
GSP 207	Logic Philosophy and Human existence	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ZEB 202	General Invertebrate Zoology II	2
ZEB 276	Ecotoxicology and Environmental Safety	2
MCB 202	General Microbiology II	2

**Required Ancillary Courses**

BIO 362	Basic Principles of Ecology	2
BCH 202	General Biochemistry II	3
COS 304	Computer Applications	2
STA 204	Statistics for Agricultural and Biological Sciences II	2
CED 342	Business Development and Management	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
GSP 208	Nigerian People and Culture	2
		<hr/> 21

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ZEB 301	Chordate Zoology I	2	
ZEB 311	Basic Animal Physiology	2	
ZEB 313	Animal Histology	2	
ZEB 371	Ecosystem Monitoring and Management	2	
ZEB 303	Laboratory Technique	2	
MCB 321	Environmental Microbiology	2	
MCB 331	Pathogenic Bacteriology	2	
BIO 351	General genetics	2	

**Electives: Choose two Units**

ZEB 351	Climatic Change and Animal Biodiversity	2	
ZEB 321	Basic Parasitology	2	
ZEB 331	Basic Entomology	2	2
ZEB 341	Basic Fisheries	2	
ZEB 361	Basic Animal Molecular Biology	2	
ZEB 363	Basic Animal Biotechnology	2	

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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ZEB 392	Students' Industrial Work Experience Scheme (Field Work)	6
ZEB 394	SIWES Report	6
ZEB 396	SIWES Seminar	3
		15

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ZEB 401	Chordate Zoology II	2
ZEB 411	Animal Developmental Biology	2
ZEB 403	Systematic Zoology and Evolution	2
ZEB 443	Hydrobiology	2
ZEB 455	Wastes and waste Management	2
ZEB 481	Seminar	2
MCB 431	Virology	3
MCB 423	Industrial Microbiology and Biotechnology I	2

**Electives: Choose two Units**

ZEB 405	Mammalogy	2	
ZEB 453	Wildlife Conservation and Park Management	2	
ZEB 413	Animal Physiology I	2	
ZEB 41	Animal Parasitology I	2	
ZEB 431	Entomology I	2	
ZEB 441	Fisheries Biology I	2	
ZEB 461	Animal Genetics and Molecular Biology	2	
ZEB 463	Advanced Animal Biotechnology I	2	2

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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ZEB 452	Animal Ecology	2
ZEB 402	Etiology	2
ZEB 404	Small Animal Production	2
ZEB 490	Research Project	6
ZEB 472	Environmental Impact Assessment	2
MCB 424	Industrial Microbiology and Biotechnology II	2

**Electives: Choose two Units**

ZEB 468	Population Genetics	2	
ZEB 454	Animal Biodiversity Management and Prospecting	2	
ZEB 412	Animal Physiology II	2	
ZEB 422	Animal Parasitology II	2	

		Programmes	383
ZEB 432	Entomology II	2	
ZEB 442	Fisheries Biology II	2	
ZEB 462	Animal Molecular Biology and Bioinformatics	2	
ZEB 464	Advanced Animal Biotechnology II	2	2
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The Vice Chancellor, Professor B.C. Ozumba at the flag off of the 56th Convocation Art Exhibition at the Nnamdi Azikiwe Library

**Faculty of Business Administration****Dean's Office****Staff**

J. U.J. Onwumere, B.Sc., M.Sc. (Nigeria), Ph.D. (Jos)  
 R. O. Ugwoke, B.Sc., MBA, Ph.D. (Nigeria)  
 I. R. Nwokike, B.Sc. (Nigeria), LL.B, BL (Nigeria)  
 R. C. Ifeanyi-Nnamani, B.Sc. (Enugu)  
 I. G. Nwoke, HND  
 F. O. Anih, B.Sc. (Nigeria)  
 E. C., HND  
 C. F. Ebona, B.Sc., (Benin) PGD, M.Sc. (Nigeria)  
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 C. I. Udoha, HND  
 N. P. Anamalu, B.Sc. (Enugu), M.Sc. (Nigeria)  
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 K. N. Ijioma, B.Sc. (Abia)  
 C. J. Okeke B.Sc. (Nigeria)  
 U. N. Nwogbunyama, B.Sc. (Nigeria)

Dean

Associate Dean

Principal Assistant Registrar

Administrative Officer

Principal Conf. Secretary I

Chief Executive Officer

Chief Executive Officer

Chief Programmer

Asst. Chief Executive Officer

Principal Executive Officer I

Principal Executive Officer I

Senior Programmer

Principal Executive Officer I

Higher Technical Officer II

Higher Technical Officer II

Higher Technical Officer II

Higher Technical Officer II

Higher Technical Officer II

Higher Technical Officer II

Higher Technical Officer II

**Department of Accountancy****Staff**

U. Modum, B.Sc. (Wilberforce Univ. Ohio), M.Sc. (Comp. Sc. (Watson) )  
 R. G. Okafor, B.Sc., MBA (Nigeria), Ph.D. (Nigeria)  
 R. O. Ugwoke, B.Sc., MBA (Nigeria), Ph.D. (Nigeria)  
 O. Aguolu, B.Sc., MBA (Nigeria), FCA  
 G. N. Ofoegbu, B.Sc., MBA (Nigeria), Ph.D. (Awka)  
 S.E. Emengini, B.Sc., MBA, Ph.D. (Awka)  
 E. O. Onyeonu, B.Ed., PGD, MBA, Ph.D. (Nigeria)  
 C. E. Obi, HND (IMT), MBA, Ph.D. (Nigeria)  
 S. N. Kodjo, B.Sc., MBA (Legon)  
 C. N. Obodoekwe-Ezuwore, B.Sc. (Enugu), MBA (Awka),  
 N.C.N.C. Nwokeoji, B.Sc., MBA (Nigeria)  
 L. C. Odoh, B.Sc. (Enugu), M.Sc. (Nigeria)  
 A. P. Okoye, B.Sc., M.Sc. (Awka)  
 O. D. Chukwunwike, B.Sc., M.Sc. (Nigeria)  
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 C. D. Ozor, B.Sc., MBA., M.Sc. (Nigeria)  
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 N. M. Nwekwo, B.Sc., M.Sc. (Enugu), Ph.D. (Nigeria)  
 C. B. N. Ozioko, B.Sc., MBA., M.Sc. (Nigeria)  
 C. Nnamani, B.Sc. (Ebonyi), M.Sc. (Nigeria)  
 P. C. Ohabuenyi, B.Sc., M.Sc. (Nigeria)  
 C. E. Ozoh, B.Sc. (Nigeria), M.Sc. (Bradford)  
 M. E. Chukwuedozie, B.Sc. (Anambra), M.Sc. (Port-Harcourt)  
 N. L. Ebisi, B.Sc., M.Sc. (Nigeria)  
 O. V. Ugwoke, B.Sc., MBA (Nigeria)  
 K. L. Okoro-iwu, B.Sc. (Nigeria)  
 S. E. Okeke, B.Sc. (Nigeria),  
 C. J. Edeh, Chimezie, B.Sc. (Nigeria)  
 C. C. Eke, B.Sc. (Nigeria),  
 C. P. Ugwuja, B.Sc. (Nigeria)  
 M. I. Asogwa, B.Sc. (Nigeria)  
 R. C. Ani, B.Sc., MBA (Nigeria)

Professor

Professor

Reader

Reader/Head

Senior Lecturer

Senior Lecturer

Senior Lecturer

Senior Lecturer

Lecturer I

Lecturer I

Lecturer I

Lecturer I

Lecturer II

Lecturer II

Lecturer II

Lecturer II

Lecturer II

Lecturer II

Lecturer II

Lecturer II

Lecturer II

Assistant Lecturer

Assistant Lecturer

Assistant Lecturer

Assistant Lecturer

Assistant Lecturer

Assistant Lecturer

Graduate Assistant

Graduate Assistant

Graduate Assistant

Graduate Assistant

Graduate Assistant

Graduate Assistant

Graduate Assistant

Graduate Assistant

ACEA

T. P. Obodo, HND (Enugu),	Principal. Confidential Secretary I
F. U. Onyia, B.Sc. (Nigeria),	Principal Executive Officer I
V. M. Udeh, B.Ed (Nigeria)	SDPO
C. O. Okenze, B.Sc. (Enugu)	SDPO
B. N. Chukwunyele, B.Sc. (Enugu)	Higher Tech. Officer
M. C. Ilegbuna, HND (Enugu)	Higher Tech. Officer
U. B. Chinasa-Okolo, HND (Oko), MBA (Imo)	Higher Tech. Officer
U. J. Ajemba, B.Sc. (Nigeria)	Higher Tech. Officer
A. C. Romaine, B.Sc. (Nigeria)	Higher Tech. Officer
E. O. Irhue, B.Sc. (Madonna)	Higher Tech. Officer
F. U. Chinweuba, HND (Enugu)	Higher Tech. Officer
O. M. Elezue, HND (Uwana),	Higher Tech. Officer
N. E. Eze, B.Sc	Executive Officer

### Philosophy and Objectives

The Departmental Academic programme has been developed on the fundamental assumption that the student is entitled to acquire profound theoretical and practical knowledge to equip him to face the challenges of life, to enable him cope with the problems of his environment. The curriculum is designed to give him a broad knowledge of business and at the same time concentrate in his special field, Accounting. To this end, emphasis is placed upon professional education of the entire individual and in providing him with the background necessary for his effective performance in his career. To obtain the degree, a candidate must complete a total of 136 credit hours of course work consisting of courses in the major area, Accounting, and courses from the ancillary areas embracing other departments such as Management, Marketing, Finance, Law, Psychology and the General Studies Division of the University. Education in Accounting as offered by the department, has the following objectives: To prepare candidates who will graduate in Accountancy and be in a position to carry out the duties and responsibilities of Accountants in Government and Industrial Establishments, Business undertakings, Statutory Corporations and parastatals, proceed to qualify as professional/Chartered Accountants and Auditors and to become Management consultants. The course aims at helping students acquire leadership skills, human relations, analytical, evaluative quantitative and communicative skills needed for management of organizations and proper stewardship. The course aims at exposing students to the integrative, interdisciplinary, and dynamic nature of business and administrative processes. Through its vigorous programme the Department of Accountancy prepares its students for careers in business, governmental administration multi-national organization, academic institutions and social service. These aims and objectives have shaped the academic content of this programme.

### Entry Requirements

Candidates are expected to possess the West African School Certificate of Education (O/L) or the Senior Secondary School Certificate or an equivalent acceptable to the Department.

Candidates must obtain credits in five subjects at WASC, GCE (O/L) or the senior Secondary school pass level in five subjects taken at not more than two sittings. Candidates must pass at Credit level in **English, Mathematics and Economics** as well as obtain a satisfactory score at JME as determined by the Department.

Candidates seeking admission by Direct Entry are expected to possess in addition to credit level, passes in English, and Mathematics in G.C.E. (O/L) or an equivalent examination, at least pass at Advanced level in Economics, Accounts and or Government or any other related field as may be determined by the department from time to time.

Also candidates who possess O.N.D. credit level or N.C.E. with passes in Accounting and related areas such as Finance, Banking, Marketing and Management will be considered provided that they also possess credit level passes in English, Mathematics and Economics at GCE/WASC or equivalent. The course duration for all modes of entry is four years.

### Stress Areas

Financial Accounting	0
Management Accounting	1
Auditing	2
Taxation	3
Management Information System	4
Public Sector Accounting	5
Quantitative Techniques	6

Project/Research in Accounting		7
<b>Standard Four Year Degree Programme</b>		
<b>First Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
ACC 101	Elements of Accounting	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer School	3
PHI 101	Introduction to Logic	2
MAN 101	Principles of Small Business Management	2
MTH 111	General Mathematics I	3
MAN 141	Elements of Business Economics I	3
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
		19
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
ACC 102	Elements of Accounting II	2
<b>Required Ancillary Courses</b>		
PSY 101	Introduction to Psychology	2
BF 101	Introduction to Finance	2
MTH 112	General Mathematics II	2
MAN 142	Elements of Business Economics II	3
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
		15
<b>Second Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
ACC 201	Introduction to Financial Accounting I	3
ACC 211	Introduction to Cost and Management Accounting	3
MKT 201	Elements of Marketing	3
MAN 231	Statistics I	3
MAN 241	Economic Theory (Micro)	3
LAW 212	Basic Business Law I	3
GSP 207	Humanities I	2
		20
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
ACC 202	Introduction to Financial Accounting II	3
COS 304	Application for Computer School	3
MAN 232	Statistics II	3
MAN 242	Economic Theory (Macro)	3
MAN 261	Introduction to Business	3
GSP 208	Humanities II	2
		17
<b>Third Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
ACC 301	Financial Accounting III	2
ACC 311	Cost Accounting I	2
ACC 331	Taxation I	3

	<i>Programmes</i>	387
ACC 361	Quantitative Techniques in Accounting I	3
ACC 351	Fundamentals of Govt. Accounting	2
MAN 301	Elements of Management	3
BF 332	Financial Management I	2
BF 333	Public Finance I	1
		18

#### **Second Semester**

<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
ACC 302	Financial Accounting IV	2
ACC 312	Cost Accounting II	2
ACC 362	Quantitative Techniques in Accounting	3
BF 332	Financial Management II	2
BF 334	Public Finance I	2
MAN 271	Research Methods	3
MAN 371	Elements of Government	3
		17

#### **Fourth Year**

##### **First Semester**

<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
ACC 400	Financial Accounting IV	2
ACC 411	Management Accounting	2
ACC 421	Auditing and Investigation I	2
ACC 431	Taxation II	2
ACC 452	Public Sector Accounting	3
BF 451	Capital Markets and Portfolio Theory	3
MAN 461	Entrepreneurial Development	3
		17

##### **Second Semester**

<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
ACC 402	Financial Accounting IV	2
ACC 403	International Accounting	3
ACC 412	Management Accounting	2
ACC 422	Auditing and Investigation II	3
ACC 441	Management Information System	3
ACC 471	Project	6
		19

#### **Department of Banking and Finance**

##### **Staff**

J.U.J. Onwumere, B.Sc., M.Sc. (Nigeria) Ph.D. (Jos)	Professor
E. C. Nwude, B.Sc., MBA, Ph.D. (Nigeria)	Reader
O. P. Egbo, B.Sc., MBA, Ph.D. (Nigeria )	Senior Lecturer/Ag. Head
E. U. Okoro- Okoro, B.Sc., MBA, M.Sc. (Nigeria) Ph.D. (Abia)	Senior Lecturer
I. Nwakoby, B.Sc. (Nigeria), M.Sc. (Bedfordshire, U.K) Ph.D. (Nigeria)	Senior Lecturer
C. Okoyeuzu, BA, PGD, MBA, Ph.D. (Nigeria)	Senior Lecturer
N.J. Modebe,	Senior Lecturer
E. O. C. Onah, B.Sc., PGD, MBA., Ph.D. (Nigeria)	Lecturer I
F. C. Alio, B. Sc. (Enugu), MBA (Nigeria), Ph.D. (Ebonyi)	Lecturer I
G.I. Ibe, B.Sc. (Port-Harcourt) M.Sc., Ph.D. (Nigeria)	Lecturer I
A. Ukemenam, B.Sc., Ph.D. (Nigeria)	Lecturer II
C. E. Onyeke, B.Sc., M.Sc. (Nigeria)	Lecturer II
E. C. Igwemeka, B.Sc., (Enugu) M.Sc.(Calabar), Ph.D. (Nigeria)	Lecturer II
N. G. Nwonye, B.Sc. (Aambra), MBA, Ph.D. (Nigeria)	Lecturer II
J. C. Anago, B.Sc. (Awka), M.Sc., Ph.D. ( Coventry, U.K )	Lecturer II
O. C. Onuselogu, B.Eng., MBA, M.Sc. (Nigeria)	Assistant Lecturer

A. C. Olelewe, B.Sc., M.Sc. (Nigeria)	Graduate Assistant
A. K. Ukairo, HND, PGD, MBA (Nigeria)	Principal Conf. Secretary
N. G. Duru, B.Sc., (Enugu)	Principal Executive Officer
D. Anigbo, HND	Higher Technical Officer 11
E. I. Omeje, B.Sc. (Nigeria)	Higher Technical Officer 11
N. N. Igboanugo, HND, PGDE	Higher Technical Officer 11
N. N. Nkeamatar, B.Sc.,	Higher Technical Officer 11
N. Nwobi, B.Sc.,	Higher Technical Officer 11
A. C. Ebunilo, HND, PGDE	Higher Technical Officer 11
O. Anezichi, B.Sc.	Higher Technical Officer 11
S. N. Okafor, B.Sc., PGD, .MBA	Higher Technical Officer 1

### General Information

The Department of Banking and Finance offers a four-year degree programme leading to the award of the Bachelor of Science degree in Banking and Finance. The degree is acquired through course work and Research project. The major emphasis is on Banking, Financial Management, Investment Analysis and Project Evaluation.

### Philosophy and Objectives

The Departmental academic programme is developed on the basic premise that the individual is living in a modern, dynamic and monetized economy, which poses challenges and uncertainties in decision making. Hence the programme is designed to inculcate in the individual the ability to identify, analyze and offer solutions to complex financial problems that may arise from the technologically changing financial environment.

The programme also aims at cultivating in the individual the basic work ethics that is required in a production economy which will result in self-reliance, sound moral discipline and individual actualization.

Education in Banking and Finance aims at developing the necessary financial tools that will enable the individual occupy managerial positions in government and private sector establishments such as Commercial and Merchant Banks, Insurance Companies, Finance and Investment Companies, Brokerage firms, Commerce and Industry as well as succeed in self employment.

Students of Banking and Finance will be taught courses on the portfolio behaviour of banks and non-bank financial institutions. They will equally be exposed to the techniques of share valuations of profit maximizing and non-profit making organizations. The curriculum will enable the students to appreciate the significance of capital expenditure decisions which are necessary for sustainable economic growth. Also emphasis is equally placed on thrift through courses in personal financial management.

At the completion of four years of rigorous academic work the students of Banking and Finance must have acquired the necessary knowledge to cope with the challenges of the wider society.

### Entry Requirements

In addition to the University general admission requirements, candidates are required to possess the Senior Secondary school certificate or the General Certificate of Education (GCE) Ordinary level with credit in five subjects including English language, Mathematics and Economics. Direct Entry candidates should possess five credit passes in the GCE (or equivalent) examination at least two of which shall be at the Advanced level passes in Economics and Government or four credit passes at least three of which shall be at the Advanced level passes in Economics, Government and Accounting, Provided that subjects are not counted at both levels of examination. Credit passes at the ordinary level must include English language and Mathematics. Candidates with the National Diploma obtained from accredited polytechnics/colleges or institutes with passes at the upper credit level can be admitted by direct entry of which Economics must be one of the courses passed. The candidates must also possess five credit passes including English language, Mathematics and Economics at the senior Secondary School certificate or GCE ordinary level. Course duration for all modes of entry is four years.

Candidates for admission into the Three-Year standard Undergraduate Programme are required to possess the Advanced level credit passes in Economics, Mathematics and Accounting or Government, in addition to General Certificate of Education (GCE) ordinary level or its equivalent, with credit passes in five subjects which should include English Language, Mathematics and Economics plus any one of the following subjects; Commerce, Accounting, Geography or Government. Also candidates with the Ordinary National Diploma (OND), National Certificate in Education or Higher National Diploma (HND) obtained from accredited Polytechnics, Colleges of Education or Institutes, with upper credit level, are qualified to be admitted by direct entry mode.



**Stress Areas**

Introduction	0
Banking	1
Insurance	2
Financial Theory and Management	3
Financial Institutions	4
Investment	5
International Trade and Finance	6
Research/Projects	7

**Standard Four Year Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MTH 111	General Mathematics I	3
MAN 141	Elements of Business Economic I	3
MTH 112	General Mathematics	3
COS 101	Introduction to Computer	3
PHIL 101	Introduction to Logic and Philosophy	2
ACC 101	Elements of Accounting I	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BF 101	Introduction to Finance	2
<b>Required Ancillary Courses</b>		
MAN 162	Introduction to Business	3
MAN 142	Elements of Business Economics II	3
ACC 102	Elements of Accounting II	2
GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
<b>Electives:</b> Any approved electives up to a maximum of 4 units		4
		<hr/> 18

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BF 251	Mathematics of Finance	2
MAN 241	Business Micro Economic Theory	3
MAN 231	Business Statistics I	3
ACC 201	Introduction to Financial Accounting I	3
ACC 211	Introduction to Cost and Management Accounting	3
MKT 201	Elements of Marketing	3
GSP 207	Humanities I	2
		<hr/> 19

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
BF 221	Principles of Insurance	2
MAN 242	Business Macro Economic Theory	3
MAN 232	Business Statistics II	3
ACC 202	Introduction to Financial Accounting II	3
MAN 262	Introduction to Business	3
COS 314	Applications of Computer	3
GSP 208	Humanities II	2

		19
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
BR 311	Monetary Theory and Policy	3
BF 313	Banking Laws and Regulations	3
BF 331	Financial Management I	2
BF 333	Public Finance I	1
LAW 212	Basic Business Law I	3
MAN 301	Elements of Management	3
ACC 311	Cost Accounting I	2
MAN 333	Quantitative Methods for Business	3
		20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
BF 312	Comparative Banking	3
BF 314	Banking Methods and Processes	3
BF 332	Financial Management II	2
BF 334	Public Finance II	2
BF 342	Financial System (Institutions)	3
BF 372	Research Methods	3
MAN 352	Elements of Government	3
ACC 312	Cost Accounting II	2
		21
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
BF 411	Bank Lending and Loan Administration	3
BF 412	Merchant Banking	3
BF 413	Business Ethics	2
BF 451	Capital Markets and Portfolio Theory	3
BF 461	International Finance	3
ACC 411	Management Accounting I	2
MAN 461	Entrepreneurial Development	3
		19
<b>Three-Year Standard Degree Programme in Banking and Finance</b>		
<b>Stress areas</b>		
Foundation Courses		0
Insurance		1
Corporate Governance		2
Financial Management		3
Financial Services		4
Investments		5
Banking Processes		6
Research Methods		7
Public Finance		8
Project		9
<b>First Year</b>		
<b>First Semester</b>		
<b>Major Courses</b>		Units
COS 101	Introduction to Computer	3
FIN 201	Mathematics of Finance	2
<b>Required Ancillary Courses</b>		
ACC 201	Introduction to Financial Accounting 1	2
ACC 211	Introduction to Cost and Management Accounting	3
MAN 231	Business Statistics 1	2

<i>Programmes</i>		391
MAN 241	Micro Economic Theory	3
<b>General Studies Courses</b>		
GSP 101	Use of English 1	2
GSP 111	Use of Library	2
GSP 201	Social Sciences 1	2
GSP 207	Humanities 1	2
		23
<b>Second Semester</b>		
<b>Major Courses</b>		Units
BNK 202	Elements of Banking	3
FIN 212	Principles of Insurance	2
<b>Required Ancillary Courses</b>		
MAN 232	Business Statistics 11	2
MAN 242	Macro Economic Theory	2
ACC 202	Introduction to Financial Accounting 11	3
MKT 222	Business Communication	2
COS 304	Computer Applications	3
<b>General Studies Courses</b>		
GSP 102	Use of English 11	2
GSP 202	Social Sciences 11	2
GSP 208	Humanities 11	2
		23
<b>Second Year</b>		
<b>First Semester</b>		
<b>Major Courses</b>		Units
BNK 381	Monetary Theory & Policy	3
BNK 303	Banking Laws & Regulations	3
BNK 305	Comparative Banking	3
FIN 331	Financial Management 1	3
FIN 208	Public Finance and Taxation 1	2
<b>Required Ancillary Courses</b>		
ACC 311	Cost Accounting 1	2
MAN 201	Elements of Management	2
MKT 201	Elements of Marketing	3
CED 383	Introduction to Entrepreneurial Development	2
		23
<b>Second Semester</b>		
<b>Major Courses</b>		Units
BNK 306	Practice of Banking	2
FIN 332	Advanced Financial Management	3
FIN 342	Financial Systems	2
FIN 372	Research Methods	3
FIN 384	Public Finance and Taxation 11	2
<b>Required Ancillary Courses</b>		
LAW 212	Basic Business Law	3
ACC 312	Cost Accounting 11	2
CED 342	Business Development & Management	2
MAN 352	Government and Business	2
		21
<b>Third Year</b>		
<b>First Semester</b>		
<b>Major Courses</b>		Units
BNK 421	Law, Ethics and Corporate Governance	3
BNK 461	Banking Methods and Processes 11	3
FIN 451	Capital Markets and Portfolio Theory	3
FIN 401	International Finance	3
BNK 441	Financial Services Marketing	3
<b>Required Ancillary Courses</b>		
MAN 333	Quantitative Methods for Business	

MAN 406	Business Policy	3
		18
<b>Second Semester</b>		
<b>Major Courses</b>		Units
BNK 402	Bank Lending and Credit Administration	3
FIN 404	Project Evaluation	3
BNK 452	Investment Banking	3
FIN 490	Project	4
<b>Required Ancillary Courses</b>		
MAN 432	Analysis for Business Decisions	3
		16

**Department of Management****Staff**

J.C. Eluka MPA, MBA (Nigeria) Ph.D. (U.S.A.)	Professor
W.I. Ukpere, B.Comm. (India) M. Comm (India) M.Com (India) Ph.D. (South Africa)	Visiting Professor
V.A. Onodugo, B.Sc., MBA (Nigeria), Ph.D. (Nigeria)	Reader
C.A. Ezenwakwelu, B.Sc., MBA (Awka), Ph.D. (Nigeria)	Reader
O.C. Ugban, B.Sc., MBA, Ph.D. (Nigeria)	Senior Lecturer
E.K. Agbaeze, MPA (Abia) MBA (Abia) Ph.D. (Nigeria)	Senior Lecturer/Head
A.I. Ogbo, B.Sc.(Awka) B.Sc., PGD, MBA, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
N.I. Mba, B.Sc., M.Sc., Ph.D. (USA)	Senior Lecturer
A.A. Igwe, B.Sc., PGD, MBA, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
B.I. Chukwu, B.Sc., PGD, MBA, Ph.D. (Nigeria)	Lecturer I
H.O. Obi-Anike, B.Sc.(Enugu) M.Sc., Ph.D. (Nigeria)	Lecturer II
C.N. Okafor, B.Sc.(Ebonyi) MBA, Ph.D. (S/Loene)	Lecturer II
R.N. Ike, B.Sc., PGD, BA, M.Sc., Ph.D. (Nigeria)	Lecturer II
B.E. Udoh, B.Sc.(Calabar) M.Sc., Ph.D. (Nigeria)	Lecturer II
B.I. Ogbemudia, B.Sc.(Edo) M.Sc., Ph.D. (Awka)	Lecturer II
L.E. Kelvin-Iloafu, B.Sc., PGD, MBA, M.Sc., Ph.D. (Nigeria)	Lecturer II
A.O. Ude, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
J.I. Enemu, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
J.I. Attamah, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
A. O. Ibeagha, B.Sc., M.Sc. (Nigeria)	Lecturer II
S.U. Attah, B.Sc., M.Sc.(USA)	Lecturer II
S.O. Ilo, B.Sc.(Nigeria) M.Sc.(United Kingdom)	Lecturer II
M.C. Okonkwo, B.Sc.(Nigeria) M.Sc.(United Kingdom)	Lecturer II
O.I. Ogbogu-Asogwa, B.Sc.(Nigeria) M.Sc.(U.K)	Lecturer II
A.M. Kamalu,, B.Sc.(Kano), MBA(Kano)	Lecturer II
I.J. Onodugo, M.Sc. (UK) PGD (UK)	Assistant Lecturer
E.C. Nwankwo, B.Sc., M.Sc.(United Kingdom)	Assistant Lecturer
M.C. Ngwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Assistant Lecturer
K.E. Ogbonna,, B.Sc.(Nigeria)	Graduate Assistant
N.J. Abugu,, B.Sc.(Nigeria)	Graduate Assistant
C.C. Chinda, B.Sc., M.Sc. (Benue)	Graduate Assistant
U.N. Okoro, B.Sc.(England), MBA(London)	Tutor II
V.C. Onyeke, B.Sc. (Enugu)	Principal Conf. Secretary II
O.F. Dimoji, HND, PGDE (Enugu)	Principal Executive Officer II
I.E Udorji, Dip.(London)	Senior Executive Officer
B.I. Anigbogu OND, HND, PGDE (Enugu)	Senior Executive Officer
M.N. Agu, NABTEB (Enugu)	Chief Typist
V.C. Omeje OND, HND, B.Sc. (Enugu)	Executive Officer
F.S. Agaba OND, HND, PGD (Ife)	Higher Technical Officer II
R.C. Okechi B.Sc. (Enugu)	Higher Technical Officer II
B.U. Onodugo OND, HND	Higher Technical Officer II
A.C.Ejike-Okeke B.Sc. (Nigeria) MBA (Nigeria)	Higher Technical Officer II
F.U. Sibeudu B.Sc. (Jos)	Higher Technical Officer II
S.O. Ugboma B.Sc. (Nigeria)	Higher Technical Officer II
E.N. Igboke B.Sc. (Nigeria)	Executive Officer
G.C. Egekwu OND, HND	

### Departmental Information

The Bachelor of Science Degree in Management is four-year Degree Programme. The degree is acquired through Course Work and Project/Research report.

### Entry Qualifications or Admission Requirements

Candidates are expected to obtain the West African School Certificate or General Certificate of Education or Senior Secondary School certificate, or their equivalent acceptable to the Department. In addition, candidates must obtain Credit in five subjects at not more than two sittings which must include English Language, Mathematics and Economics. Also applicants must obtain a satisfactory pass level at the UME or as determined by the Department. Candidates applying by direct entry are expected to possess five credit passes in the GCE (or equivalent) examination of which at least two shall be at the advanced level, or they may possess four credit passes of which at least three shall be at the advanced level, provided that subjects are not counted at both levels of the examination. That Advanced Level Subjects passed must include economics. Credit passes at the Ordinary Level must include English. Also candidates with the National Diploma obtained from accredited Polytechnics/Colleges or Institutes with passes at the Upper Credit Level can be admitted by direct entry. Economics must be one of the courses passed. In this case the School Certificate or GCE ordinary passes must include Credits in English Language and Mathematics.

Course duration for all modes of entry is Four years.

### Philosophy, Objectives and Scope

#### General Philosophy

The Departmental academic programme has been developed on the fundamental assumption that the student is entitled to acquire profound theoretical and practical knowledge to equip him to face the challenges of self-reliance, contribute to national development and be a person able to cope with problems of the environment, the wider society and relate successfully and co-operatively with the other persons. The curriculum is designed to encourage high integrity, self-reliance, competence, excellence and depth in knowledge. To this end, emphasis is being placed upon professional education of the entire individuals and also providing him with the background requisite to effective performance in his career.

#### Objectives

Education in Management offered by the department has the following specific objectives:

The provision of basic knowledge needed for an understanding and analysis of problems related to the management or administration of industrial, business, commercial, public, and private organisations. The fundamental issues required for the successful administration or management of human organizations are offered in the course in management.

Students of Management or Administration will be equipped with the knowledge and skills required for identifying and defining problems and taking appropriate decisions, using the techniques and tools of the Administrative Science and related disciplines. The students will acquire a thorough knowledge of research processes and procedures for investigating issues and problems in Management and Administration of Economics, Social and Business Problems, scientifically.

The course aims at inculcating in students an awareness of and sensitivity to environmental factors and conditions; how to use administrative or management knowledge to make appropriate decisions and propose solutions to problems. The course aims at helping students acquire leadership skills, human relations, analytical, evaluative, synthetic and communicative skills needed for managing human organisations. The course aims at exposing students to the integrative, interdisciplinary and eclectic nature of management or administrative education.

Through its rigorous programme, the Department of Management aims to prepare students for careers in business and general management: multinational organisations, governmental agencies, academic institutions and social services. These aims and objectives have shaped the academic contents of this programme.

#### Stress Areas

Management/Administrative Theory/Theoretical and Conceptual Foundation	0
Human Relations and Human Resources/Organisational Behaviour	1
Material Resources Management	2
Tools and Techniques of Analysis/Quantitative Methods	3
Business and Economic Theory	4

	Environmental and Cultural Sensitivity Skills Subjects	5
	Entrepreneurship/Business Development Skills Subjects	6
	Research Techniques/Project Reports.	7
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MAN 141	Elements of Business Economics I	3
<i>Required Ancillary Courses</i>		
COS 101	Introduction to Computer Science	3
PHI 101	Introduction to Logic and Philosophy	2
ACC 101	Elements of Accounting I	3
MTH 111	General Mathematics I	3
<i>General Studies</i>		
GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
		18
<i>Electives</i>		
PSY 101	Introduction to Psychology	
FRE 101	Elementary French	
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MAN 142	Elements of Business Economics II	3
MAN 162	Introduction to Business	3
<i>Required Ancillary Courses:</i>		
PHI 102	History and Philosophy of Science	3
BF 101	Introduction to Finance	2
ACC 102	Elements of Accounting II	2
MTH 112	General Mathematics II	3
<i>General Studies:</i>		
GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
		20
<i>Elective</i>		
SOC 101	Introduction to Sociology	
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MAN 201	Elements of Management	3
MAN 231	Business Statistics I	3
MAN 241	Business Micro Economic Theory	3
<i>Required Ancillary Courses</i>		
ACC 201	Introduction to Financial Accounting I	3
MKT 201	Elements of Marketing	3
ACC 211	Introduction to Cost and Management Accounting	3
<i>General Studies</i>		
GSP 207	Humanities I	2
		20
<i>Elective</i>		
MAN 257	Business Communication	
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MAN 222	Production Management	3
MAN 232	Business Statistic II	3
MAN 242	Business Macro Economic Theory	3
MAN 244	Labour Economics	2

*Required Ancillary Courses*

ACC 202	Introduction to Financial Accounting II	3
COS 314	Application of Computer	3
<i>General Studies</i>		
GSP208	Humanities II	2
		<hr/> 19

**Third Year**

***First Semester***

CODE	TITLE	UNITS
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***Major Courses***

MAN 301	Management Theory	3
MAN 311	Human Resources Management	3
MAN 361	Principles of Small Business Management	2

*Required Ancillary Courses*

LAW 212	Basic Business Law	3
ACC 311	Cost Accounting I	2
BF 311	Monetary Theory and Practice	3
BF 331	Financial Management I	2

*Elective:* Choose two units from the list below

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20

*Electives*

MAN 333	Quantitative Methods for Business I	2
MAN 365	Imports/Exports Operations	2
MKT 321	Principles of Advertising	2
MKT 322	Principles of Public Relations	2

***Second Semester***

CODE	TITLE	UNITS
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***Major Courses***

MAN 312	Personnel Management	3
MAN 314	Organisational Behaviour	3
MAN 352	Elements of Government	3
MAN 354	Introduction to International Business	3
MAN 372	Research Methodology	3

*Required Ancillary Courses*

ACC 312	Cost Accounting II	2
BF 332	Financial Management II	2
		<hr/> 19

*Electives:*

MAN 332	Business Forecasting	2
MAN 334	Quantitative Methods for Business II	2
MAN 364	Multinational Enterprise	2

**Fourth Year**

***First Semester***

CODE	TITLE	UNITS
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***Major Courses***

MAN 401	Comparative Management	3
MAN 403	Advanced Management Theory	3
MAN 404	Business Policy I	3
MAN 411	Industrial Relations	2
MAN 441	Managerial Economics	2
MAN 461	Entrepreneurial Development	3

*Required Ancillary Courses*

MKT 401	Marketing Management	2
ACC 411	Advanced Management Accounting I	2
		<hr/> 20

*Elective*

ACC 441	Management Information System	3
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***Second Semester***

CODE	TITLE	UNITS
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**Major Courses**

MAN 405	Business Policy II	3
MAN 412	Comparative Industrial Relations	2
MAN 432	Analysis for Business Decision	3
MAN 462	Corporate Planning	3
MAN 472	Research/Project	6
MAN 422	Advanced Production Management	2
		<hr/> 19

**Department of Marketing****Staff**

G. E. Ugwuonah, B.S.c. MBA. PGD. Ph.D. (Nigeria)	Professor
J. O. Nnabuko, B.Sc. MBA. Ph.D. (Nigeria)	Professor/Head
S.C. Moguluwa, B.Sc. M.Sc. MBA. Ph.D. (Nigeria)	Reader
C. E. Obeta, B.A. M.Sc. MBA. Ph.D. (Nigeria)	Senior Lecturer/Ag Head, 2016-17
C. U. Ifediora, B.Sc. (Port-Harcourt), MBA. Ph.D. (Nigeria)	Senior Lecturer
J.I. Uduji, B.Sc. PGD. (Nigeria), MPA. (Anambra), M.Sc. M.Sc. Ph.D. P.h.D. (Nigeria)	Lecturer I
J. O. Abugu, B. Sc. (Enugu), MBA. Ph.D. (Nigeria)	Lecturer I
V. O. Okolo, B.Sc. M.Sc. (Nigeria)	Lecturer I
E. C. Idoko, HND. (Bida), B.Sc. PGD. (Enugu), MBA. Ph.D. (Anambra)	Lecturer I
J. N. Chris-Nnamchi, B.Sc. (Anambra), M.Sc. (Nigeria)	Lecturer II
C.O. Ewuzie, B.Sc. M.Sc. (Nigeria)	Lecturer II
D.A. Achi, B.Sc. M.Sc. (Nigeria)	Lecturer II
N.O. Nnadi, B.Sc. PGD. M.Sc. (Nigeria)	Assistant Lecturer
D.P. Okoro, B.Sc. (Enugu), M.Sc.(Nigeria)	Assistant Lecturer
P.I. Nwagbo, B.A. (Ghana), M.Sc. (Nigeria), M.Sc. (United Kingdom)	Assistant Lecturer
C.S. Ezuka, B.Sc. PGD (Nigeria)	Assistant Lecturer
P.K. Ikpo, BA. (Benin), M.Sc. (Nigeria)	Assistant Lecturer
C. D. Okonkwo, B.Sc. M.Sc. (Nigeria)	Graduate Assistant
C. C. Ugwuanyi, B.Sc. (Nigeria)	Graduate Assistant
M. I. Ohanagorom, B.Sc. (Nigeria)	Graduate Assistant
E. O. Ogbu, B.Sc. (Nigeria)	Graduate Assistant
C.V. Okeke, B.Sc. (Nigeria)	Graduate Assistant
G.N. Ozioma, HND. (Enugu), LL.B. B.L. (Nigeria)	Chief Confidential Secretary
N.U. Ossai, B.Sc. (Nigeria)	Principal Executive Officer I
E.E. Uzuagu, LL.B. BL. (Nigeria)	Principal Executive Officer I
E.A. Ogujawa, HND. (Enugu)	Senior Data Process. Officer II
A.I. Ugochukwu, HND. (Enugu)	Senior Data Proces. Officer II
G.A. Ijoma, B.Sc. (Enugu)	Higher Executive Officer
I.C. Agiriga, B.Sc. (Enugu)	Higher Technical Officer II
N.M. Nebonta, HND. (Enugu)	Higher Technical Officer II
I.R. Ogbonna, B.Sc. (Enugu)	Higher Technical Officer II
O.C. Nwankwo, HND. (Anambra)	Higher Technical Officer II
E.B. Nwosu, HND. (Enugu)	Higher Technical Officer II
C.C. Mbachu, B.Sc. (Enugu)	Higher Technical Officer II

**Departmental Philosophy and Objectives****General Philosophy**

The Department of Marketing in the Faculty of Business Administration offers a four-year degree programme and a three-year (direct entry) programme leading to the Bachelor of Science degree in Marketing. The Departmental Programme is based upon the philosophy of a broad based education bearing in mind that marketing is an eclectic discipline and depends heavily on social sciences, Humanities and natural and physical sciences.

A student of Marketing needs both theoretical and practical knowledge to equip with the necessary tools to face the challenges of the competitive economy. Emphasis is placed on self-reliance and self-employment to enable the student contribute to national development and professional career. To this end, therefore, the programme emphasizes both education and trading in general marketing research,



advertising, public relations and transportation.

### Objectives

The Objectives of the programme are as Follows

- To educate students in all aspects of business administration in the first two years of the programme.
- To give the students broad understanding of marketing and related subjects in the third and fourth years of the programme.
- To prepare students for responsible positions in industrial commercial as well as, in Government, Public Service and private Establishments.
- To equip students with the knowledge and techniques required in problem-solving and decision making.
- To prepare students for careers in marketing, Business management, public relations, advertising, marketing Research, etc.
- To equip students with leadership skills and knowledge needed in business, commerce, industry, government, and management. The graduates are therefore prepared to fill middle and senior level management positions in business, commerce, industry, and government. With their education and training they can set up their own business since the programme also emphasizes self-employment.

### Entry Requirements

In addition to the University of Nigeria requirements for admission, direct entry candidates must have passed Economics at Higher School Certificate (H.S.C.) at Principal Level or at the General Certificate of Education Advanced Level, with Mathematics and English Language at the G.C.E. Ordinary level or with credit in WASC/SSCE. Also candidates with the National Diploma (ND) obtained from accredited institutions with pass in Economics and Mathematics at the Upper Credit level can be admitted by direct entry.

Entrance candidates must have passed Mathematics, English Language and Economics, with credit in the West African School Certificate (W.A.S.C.)/Senior Secondary School Certificate or G.C.E. (Ordinary Level) obtained at not more than two sittings.

Students are encouraged to undertake attachment in commerce, business and industry for on-the-job work experience during long vacations.

### Stress Areas

Marketing Theory and Management	0
Product Planning and Development	1
Marketing Communication	2
Physical Distribution and Transportation Management	3
Agriculture and Food Marketing	4
Consumer Behaviour	5
International Marketing	6
Research and Project	7

### Four Year Degree Programme

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
ACC 101	Elements of Accounting I	2
SOC 101	Introduction to Sociology I	2
PHI 101	Introduction to Philosophy	2
PSY 101	Principles of Psychology	2
COS 101	Introduction to Computer Science	3
MTH 111	Elementary Mathematics I	3
MAN 141	Elements of Business Economics I	3
<b>General Studies</b>		
GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
		21

##### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		

MKT 102	Introduction to Business	3
<i>Required Ancillary Courses</i>		
SOC 102	Introduction to Sociology II	2
ACC 102	Elements of Accounting II	2
PSY 102	Determinants of Behaviour	2
PHI 102	History & Philosophy of Science	3
MTH 112	Elementary Mathematics II	3
MAN 142	Elements of Business Economics II	3
<i>General Studies Courses</i>		
GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
		22
<hr/>		
<b>Second Year</b>		
<b><i>First Semester</i></b>		
CODE	TITLE	UNITS
<b><i>Major Courses</i></b>		
MKT 201	Elements of Marketing	3
<i>Required Ancillary Courses</i>		
ACC 201	Introduction to Financial Accounting 1	3
ACC 211	Introduction to Cost and Management Accounting	3
MAN 222	Production Management	3
MAN 231	Business Statistics I	3
MAN 241	Business Micro Economic Theory	3
<i>General Studies</i>		
GSP 207	Humanities I	2
		20
<hr/>		
<b><i>Second Semester</i></b>		
CODE	TITLE	UNITS
<b><i>Major Courses</i></b>		
<i>Required Ancillary Courses</i>		
ACC 202	Introduction to Financial Accounting II	3
MAN 232	Business Statistics II	3
MAN 242	Business Macro Economic Theory	3
COS 304	Computer Application	3
<i>General Studies</i>		
GSP 208	Humanities II	2
<i>Elective: Choose 2 units from the courses listed below</i>		2
		16
<hr/>		
<i>Electives</i>		
MKT 222	Business Communication	2
BF 221	Principles of Insurance	2
<b>Third Year</b>		
<b><i>First Semester</i></b>		
CODE	TITLE	UNITS
<b><i>Major Courses</i></b>		
MKT 301	Nigerian Marketing System and Commercial Policy	2
MKT 321	Principles of Advertising	2
MKT 323	Sales Management	2
MKT 351	Consumer Behaviour Analysis	3
<i>Required Ancillary Courses</i>		
LAW 212	Basic Business Law I	3
MAN 301	Elements of Management	3
BF 331	Financial Management I	2
<i>Elective: Choose 2 units from the courses listed below</i>		2
		19
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<i>Electives</i>		
ACC 311	Cost Accounting I	2
MKT 333	Purchasing and Marketing Management	2
<b><i>Second Semester</i></b>		

CODE	TITLE	UNITS
<b>Major Courses</b>		
MKT 236	Advertising/Public Relations Design & Layout	2
MKT 328	Introduction to Promotions	2
MKT 332	Physical Distribution Analysis	2
MKT 372	Research Methods	3
<i>Required Ancillary Courses</i>		
LAW 213	Basic Business Law II	2
BF 332	Financial Management II	2
MAN 372	Elements of Government	3
		16
<i>Electives:</i> (Choose any 2 units from the course Listed below):		
MKT 324	Advanced Public Relations	2
MKT 333	Purchasing and Materials Management	2
MKT 342	Introduction to Co-operatives	2
ACC 312	Cost Accounting II	2
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MKT 401	Marketing Management	3
MKT 431	Retail and Wholesale Management	2
MKT 461	International Marketing	2
MKT 471	Marketing Research	3
<i>Required Ancillary Courses</i>		
MAN 405	Business Policy I	3
MAN 461	Entrepreneurial Development	3
<i>Elective:</i> Choose 2 units from the courses listed below		
		2
		18
<i>Electives</i>		
MKT 423	Legal Aspects of Marketing	
MKT 411	Industrial Marketing	
MKT 421	Promotional Strategy	
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MKT 404	Analysis for Business Decisions	3
MKT 412	Product Planning and Development	2
MKT 422	Advertising Management	2
MKT 473	Research Project	6
<i>Required Ancillary Course</i>		
MAN 404	Business Policy II	3
<i>Elective:</i> Choose 2 units from the courses listed below		
		2
		18
<i>Electives</i>		
MKT 462	Comparative Marketing Systems	2
BF 452	Project Evaluation	2
MKT 422	Agricultural and Food Marketing	2
MKT 463	Export/Import Marketing Management	2
MKT 473	Professional Marketing Practice	2

**Three-Year Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MKT 201	Elements of Marketing	3
<i>Required Ancillary Courses</i>		
ACC 201	Introduction to Financial Accounting I	2

ACC 211	Cost and Management Accounting	3
MAN 201	Elements of Management	2
MAN 231	Business Statistics I	2
MAN 241	Business Micro Economic Theory	3
PHIL 101	Introduction to Logic and Philosophy	2
COS 101	Introduction to Computer Science	3
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
		<hr/> 22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MKT 204	Introduction to Marketing Promotions	2
MKT 222	Business Communication	2
MKT 242	Cooperative Operations and Management	2
<b>Required Ancillary Courses</b>		
ACC 202	Introduction to Financial Accounting II	2
COS 304	Computer Applications	3
MAN 232	Business Statistics II	3
MAN 242	Business Macro Economic Theory	3
PHIL 102	History and Philosophy of Science	3
<b>General Studies Courses</b>		
GSP 106	Natural Sciences II	2
		<hr/> 22
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MKT 301	Nigerian Marketing System and Commercial Policy	2
MKT 321	Principles and Practice of Public Relations	2
MKT 331	Sales and Pricing Management	2
MKT 333	Purchasing and Materials Management	2
MKT 351	Principles of Consumer Behaviour	2
<b>Required Ancillary Courses</b>		
LAW 212	Basic Business Law	3
BAF 331	Financial Management I	2
CED 341	Introduction to Entrepreneurship Development I	2
<b>General Studies Courses</b>		
GSP 201	Basic Concepts in Peace and Conflict Resolution	2
GSP 207	Humanities I	2
		<hr/> 21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MKT 322	Principles and Practice of Advertising	2
MKT 324	E-Business and Internet Marketing	2
MKT 332	Physical Distribution Analysis	2
MKT 372	Research Methods	3
MKT 382	Services Marketing	2
<b>Required Ancillary Courses</b>		
MAN 222	Production Management	3
CED 342	Business Development and Management	2
BAF 332	Financial Management II	2
<b>General Studies Courses</b>		
GSP 202	Issues in Peace and Conflict Resolution	2
GSP 208	Humanities II	2
		<hr/> 22
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS

**Major Courses**

MKT 431	Retail and Wholesale Management	2
MKT 435	Logistics and Supply Chain Management	3
MKT 451	Industrial Marketing	2
MKT 461	International Marketing	2
MKT 471	Marketing Management	3
MKT 481	Marketing Research	3

**Required Ancillary Course**

MAN 405	Business Policy I	3
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**Electives: Choose 2 Units:**

MKT 473	Ethical/Legal Aspects of Marketing	2
MKT 475	Comparative Marketing System	2
MKT 477	Professional Marketing Practice	2
		20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

MKT 404	Analysis for Business Decisions	2
MKT 412	Product Development and Brand Management	2
MKT 452	Advanced Consumer Behaviour	2
MKT 482	Hospitality and Tourism Marketing	2
MKT 484	Social Marketing	2
MKT 490	Project	4

**Electives: Choose 2 Units:**

MKT 434	Transportation Management	2
MKT 442	Agricultural and Food Marketing	2
MKT 462	Export/Import Marketing Management	2
		16



The Vice Chancellor, Professor B.C. Ozumba (right), receiving the Executive Governor of Enugu State, The Right Honourable Ifeanyi Ugwuanyi to his immediate right at the Vice Chancellor's Conference Room

**Faculty of Dentistry****Dean's Office****Staff**

C. I. Udoeye, B.Sc., Bch.D (Ife), FMCDS (NPMC)  
 A. N. Okeke, B.Sc., PGD (Nigeria)  
 C. V. Uzegbu, B.Sc. (Enugu)  
 M. O. Ugboka HND, PGD, MPA, M.Sc. (Nigeria)  
 L. I. Ezedimora, OND

Dean  
 Principal Assistant Registrar,  
 Faculty Officer  
 Administrative Assistant  
 Chief Executive Officer  
 Principal Conf. Secretary II

**Department of Child Dental Health****Staff**

F.N. Idowu, BDS, FWACS (Benin)  
 E.O. Amobi, BDS (Benin), FMCDS  
 N.K. Onyejaka, BDS (Benin), FWACS  
 A.C. Okeke, BDS (Benin)  
 O.B. Izuakor, HND

Senior Lecturer/Ag. Head  
 Lecturer I  
 Lecturer I  
 Lecturer II  
 Principal Typist

**Department of Oral & Maxillofacial Surgery****Staff**

F.N. Chukwuneke, BDS. (Nigeria), MPH., (Pretoria), FWACS,  
 FICD, FICMFS  
 K.C. Ndukwe, B.Sc., B.Ch.D. (Nigeria), FMCDS, FWACS  
 C.C. Uguru, BDS. (Benin), FWACS  
 M.C. Nwoga, BDS. (Nigeria), WACS, FWACS  
 C.I. Onwuka, BDS. (Ibadan), FMCDS  
 U.C. Okechi, BDS. (Benin), FWACS  
 C.J. Aniago, BDS (Benin)  
 S.C. Okwor, B.Sc. (Nigeria)  
 O.F. Dike, HND (Enugu)  
 E.G. Ibezim, HND (Enugu)

Professor/Head

Professor  
 Senior Lecturer  
 Lecturer I  
 Lecturer I  
 Lecturer I  
 Lecturer II  
 Med.Lab.Scientist  
 Dental Technologist II  
 Dental Technologist II

**Department of Preventive Dentistry****Staff**

E. A. Akaji, BDS (Lagos), MPH. (Nigeria)  
 N.P. Uguru, BDS (Benin), MPH. (Nottingham), M.Sc. (Nigeria)  
 S.N. Maduakor, BDS (Ibadan), DPP (Bordeaux)  
 U. Otakhoigbogie, BDS (Benin)  
 C.C. Enyokwa, HND (Enugu)  
 C.O. Oranu, HND (Enugu)  
 A.G. Okorocho, HND (Enugu)  
 G.G. Okoroji, BSc., PGD (Enugu)

Senior Lecturer/ Head  
 Senior Lecturer  
 Lecturer I  
 Lecturer II  
 Technologist II  
 Technologist II  
 Technologist II  
 Principal Executive Officer II

**Department of Restorative Dentistry****Staff**

C.I. Udoeye, B.Sc., BChD, FMCDS (Ife)  
 L.O. Okoye, BDS, FMCDS, FICS, (Nigeria)  
 K.C. Izuogu, ADPA (Jos)  
 E.C. Nwogwugwu, HND, PGDE (Enugu)  
 H.O. Ani, HND, PGDE (Enugu)  
 C.I. Aneke, HND  
 N.E. Ogbonna, HND  
 E.N. Chiama, HND  
 S.C. Chiama, HND  
 L.M. Madubugwu, HND

Professor  
 Senior Lecturer/Head  
 Chief Confidential Secretary  
 Assistant Chief Dental  
 Technologist  
 Principal Dental Technologist  
 Principal Dental Technologist  
 Principal Dental Technologist  
 Senior Dental Technologist  
 Senior Dental Technologist  
 Dental Technologist II

**Brief History of the Faculty**

In February 1982, a proposal was made for a department known as the Department of Dentistry as part of the Faculty of Medical Sciences of the University of Nigeria. The intention was that this would form the nucleus of a Faculty of Dentistry of the College of Medical Sciences. In 1983 a Department of Dentistry was created as part of the Department of Surgery under the Faculty of Medical Sciences and Dentistry. Later in the same year the Department of Dentistry became the School of Dentistry. Eventually, in 1989 a tripartite agreement was entered into by the College of Medical Sciences, the University of Nigeria Teaching Hospital and Federal Ministry of Health. A working relationship was established with the School of Dental Technology and Therapy to provide the new School of Dentistry access to the facilities of the former. In 1991, three (3) Departments were created from the original one Department: Departments of Oral and Maxillofacial surgery, Preventive Dentistry and Restorative Dentistry. Thereafter, in 2004 a Faculty of Dentistry was created with four Departments namely: Child Dental Health, Oral and Maxillo-Facial Surgery, Preventive Dentistry and Restorative Dentistry.

### **Philosophy**

The philosophy is to offer sound training that will be attuned to the oral health needs of the society; and be reflected in a competency directed and community oriented approach with emphasis on social responsiveness and relevance, and lifelong learning.

### **Objectives**

The programme is aimed at achieving the following:

- Meet the oral health needs of the human population
- Diagnose and treat oral health diseases
- Be effective communicators, critical thinkers, and self-directed learners
- Be oral health advocates for the needs of his/her communities
- Be oral health educators
- Be knowledgeable in oral health policies, health management and global oral health issues
- Conduct research
- Be self-reliant and capable of employment generation
- Maintain and develop required character and personal attitude for professional life.

### **Scope**

The programme covers the following areas of Dentistry: Child Dental Health, Oral and Maxillofacial Surgery, Preventive and Community Dentistry, Restorative Dentistry, Oral Pathology and Oral Medicine.

### **Job Opportunities**

Graduates in the Bachelor of Dental Surgery (B.D.S.) degree programme are well equipped to work in Government Hospitals, Private Practice, Teaching and Research in Universities or research institutes as well as administration. Graduates are also qualified for post graduate training for specialization anywhere in the world.

### **Entry Requirements**

#### **UTME**

The Degree of Bachelor of Dental Surgery (B.D.S.) shall be the primary degree in the Faculty of Dentistry and shall be awarded after a successful completion of the courses of study. The curriculum for the degree of Bachelor of Dental Surgery shall normally extend over a period of six academic years for students admitted by the Unified Tertiary Matriculation Examination (UTME). To qualify for admission, the candidate must in addition to the general University of Nigeria entry requirements; possess at least five O' Level Credit passes at one sitting in WASSC, WASC, SSE, & NECO or any recognized equivalent in Physics, Chemistry, Biology, Mathematics, and English.

### **Stress Areas**

Child Dental Health	1
Oral and Maxillofacial Surgery	2
Preventive and Community Dentistry	3
Restorative Dentistry	4
Oral Pathology and Oral Medicine	5

### **Six-Year Standard Undergraduate Degree Programme in Dental Surgery**

**First Year*****First Semester***

CODE	TITLE	UNITS
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***Major Courses******Required Ancillary Courses***

BIO 101	Genetics for Medical Students	2
BIO 151	General Biology I	3
CHM 101	Basic Practical Chemistry I	2
CHM 171	Basic Practical Chemistry	2
PHY 111	General Physics for life Sciences I	2
PHY 191	Practical Physics I	2

***General Studies Courses***

GSP 101	Use of English I	2
GSP 201	Social Sciences I	2
GSP 111	Use of Library & Study Skills	2

**19*****Second Semester***

CODE	TITLE	UNITS
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***Major Courses******Required Ancillary Courses***

BIO 152	General biology II	3
BIO 154	General Biology (Practical) II	2
CHM 112	Basic Principle of Chemistry II	2
CHM 122	Basic Principle Chemistry III	2
PHY 112	General Physics for Life Sciences II	2
PHY 114	General Physics for Life Sciences III	2
ZOO 122	Basic Parasitology	2

***General Studies Courses***

GSP 102	Use of English II	2
GSP 202	Social Sciences II	2

**19****Second Year*****First Semester***

CODE	TITLE	UNITS
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***Major Courses***

OPM 241	Oral Anatomy	2
ANA 201	Gross Anatomy I	3
ANA 213	General Embryology	2
ANA 225	General Histology and Cytology	2
BIC 201	Chemistry of Biomolecules	3
BIC 223	Enzymes, Bioenergetics and Biological Oxidation	2
BIC 261	Practical Biochemistry I	2
PYS 201	General Physiology and Blood	2
PYS 203	Excitable Tissues and Autonomic Nervous System (ANS)	2
PYS 205	Practical Physiology	2

***General Studies Course***

GSP 207	Logic Philosophy and Human Existence	1
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**23*****Second Semester***

CODE	TITLE	UNITS
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***Major Courses***

OPM 242	Oral Physiology	2
ANA 202	Gross Anatomy II	3
ANA 214	Systemic Embryology I	2
ANA 226	Systemic Histology I	2
BIC 232	Metabolism of Carbohydrates and Lipids	3
BIC 234	Metabolism of Proteins, Nucleic Acids & Mol. Biology	3
BIC 262	Practical Biochemistry II	1
PYS 202	Gastro Intestinal Tract and Renal Physiology/ Body Fluids	3
PYS 204	Cardiovascular and Respiratory Physiology	3



**General Studies Course**

GSP 208	Nigerian Peoples and Cultures	2
		<hr/> 24

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ANA 301	Gross Anatomy III	3
ANA 311	Systemic Embryology II	2
ANA 323	Systemic Histology II	2
ANA 327	Practical Histology	2
BIC 341	Nutritional Biochemistry	2
BIC 353	Special Topics in Biochemistry	3
BIC 363	Practical Biochemistry	2
PYS 301	Endocrinology and Reproductive Physiology	3
PYS 303	Special Senses	1
PYS 315	Neurophysiology (CNS)	3
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

Course Code	Course Title	
PHA 302	Systemic Pharmacology	2
MIC 302	Virology	1
CPY 302	Pathogenesis of Disease I	1
CPY 304	Practical Laboratory Work	2
PAT 402	Histopathology	2
CPY 402	Human Nutrition	1
HAE 400	Introduction to General Haematology	2
HAE 402	Spleen: Structure, Function, Abnormalities	1
HAE 404	Haemoglobin Synthesis, Functions, Abnormalities	3
HAE 406	Folic Acid and B12 Metabolism	3
MIC 402	Practical Parasitology	1
MIC 404	Applied Medical Microbiology	1
MIC 406	Practical Mycology	1
MIC 408	Medical Helminthology	2
		<hr/> 23

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

MIC 301	Bacteriology	2
MIC 303	Mycology	2
CPY 301	Basic Principles of Chemical Pathology	1
CPY 303	Metabolism I	1
CPY 305	Metabolism II	1
PAT 301	General Pathology	1
PHA 301	General Pharmacology	2
PHA 401	Antimicrobial, Antifungal, Antiviral, Antiprotozoal agents	2
PHA 403	Drugs acting on the Central Nervous System	2
PHA 405	Practical and Demonstrations	2
MIC 401	Medical Protozoology	1
MIC 403	Practical Bacteriology	1
MIC 405	Medical Entomology	1
CPY 401	Clinical Chemistry	1
CPY 403	Practical Laboratory	1
HEM 401	General Haematology	1
HEM 403	Practical Haematology	1
PAT 401	System Pathology	1

PAT 403	Forensic Medicine	1
		<u>24</u>
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
SUG 302	Introduction to Clinical Surgery	2
SUG 302	Introduction to Cardiothoracic, Urology, Orthopaedics Paediatric Surgery	2
SUG 402	Principles of Surgery	2
SUG 412	Topics in General Surgery	3
SUG 422	Topics in Urology	2
SUG 432	Topics in Orthopaedic Surgery	1
SUG 442	Topics in Thoracic Surgery	1
SUG 452	Topics in Paediatric Surgery	1
SUG 562	Topics in Ear, Nose, and Throat	1
SUG 572	Topics in Ophthalmology	1
SUG 592	History and Development of Anaesthesia	2
MED 412	Medicine 1	1.5
MED 512	Medicine 2	1.5
MED 612	Medicine 4	1.5
		<u>22.5</u>
<b>Fifth Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
RSD 541	Science of Dental Materials	2
RSD 543	Dental Operative Techniques	3
RSD 545	Prosthetic Techniques	2
OPM 551	Oral Medicine and Dental Therapeutics I	3
PVD 533	Oral Diagnosis and Dental Radiology I	3
OMS 525	Oral and Maxillofacial Surgery I	2
CDH 511	Paediatric Dentistry I	2
CDH 513	Orthodontics I	2
RSD 541	Conservative Dentistry I	2
RSD 543	Prosthetic Dentistry I	2
		<u>23</u>
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
OPM 552	Oral Medicine and Dental Therapeutics II	2
PVD 532	Oral Diagnosis and Dental Radiology II	1
PVD 534	Basic Periodontology I	2
OMS 522	Oral Maxillofacial Surgery II	2
CDH 512	Paediatric Dentistry II	1
OPM 554	Introduction to Oral And Maxillofacial Pathology I	1
OPM 556	Oral Medicine I	2
PVD 536	Oral Diagnosis and Dental Radiology III	2
OMS 524	Oral and Maxillofacial Surgery III	2
PVD 538	Periodontology I	2
OPM 558	Oral and Maxillofacial Pathology II	2
CDH 514	Paediatric Dentistry III	2
		<u>21</u>
<b>Sixth Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
OPM 651	Oral Medicine II	2
OMS 621	Oral and Maxillofacial Surgery IV	2
PVD 631	Periodontology III	2
CDH 611	Paediatric Dentistry IV	2

CDH 613	Orthodontics II	2
RSD 641	Conservative Dentistry II	2
RSD 643	Prosthetic Dentistry II	2
OPM 653	Oral and Maxillofacial Pathology III	2
PVD 633	Community and Preventive Dentistry I	2
OPM 655	Medical/Dental Ethics and Jurisprudence	1
OPM 657	Psychiatry for Dental Students	1
OPM 659	Dental Entrepreneurship	1
CDH 615	Paediatric Dentistry V	2
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
PVD 632	Community and Preventive Dentistry II	2
OPM 652	Oral Medicine III	2
CDH 612	Paediatric Dentistry VI	2
CDH 614	Orthodontics III	1
RSD 642	Conservative Dentistry III	2
RSD 644	Prosthetic Dentistry III	2
OPM 654	Forensic Odontology and Jurisprudence	1
OPM 656	Oral and Maxillofacial Pathology IV	2
PVD 634	Community and Preventive Dentistry III	2
PVD 636	Research Project	2
OPM 658	Project Paper	1
		<hr/> 19

**Five Year Standard Undergraduate Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
OPM 241	Oral Anatomy	2
ANA 201	Gross Anatomy I	3
ANA 213	General Embryology	2
ANA 225	General Histology and Cytology	2
BIC 201	Chemistry of Biomolecules	2
BIC 223	Enzymes, Bioenergetics and Biological Oxidation	2
BIC 261	Practical Biochemistry	2
PYS 201	General Physiology and Blood	2
PYS 203	Excitable Tissues and Autonomic Nervous System (ANS)	2
PYS 205	Practical Physiology	2

**General Studies Course**

GSP 207	Logic Philosophy and Human Existence	1
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
OPM 242	Oral Physiology	2
ANA 202	Gross Anatomy II	3
ANA 214	Systemic Embryology I	2
ANA 226	Systemic Histology I	2
BIC 232	Metabolism of Carbohydrates and Lipids	3
BIC 234	Metabolism of Proteins, Nucleic Acids & Mol. Biology	3
BIC 262	Practical Biochemistry II	1
PYS 202	Gastro Intestinal Tract and Renal Physiology/ Body Fluids	3
PYS 204	Cardiovascular and Respiratory Physiology	3

**General Studies Course**

GSP 208	Nigerian Peoples and Cultures	2
		<hr/> 24

**Second Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ANA 301	Gross Anatomy III	3
ANA 311	Systemic Embryology II	2
ANA 323	Systemic Histology II	2
ANA 327	Practical Histology	2
BIC 341	Nutritional Biochemistry	2
BIC 353	Special Topics in Biochemistry	3
BIC 363	Practical Biochemistry	2
PYS 301	Endocrinology and Reproductive Physiology	3
PYS 303	Special Senses	1
PYS 315	Neurophysiology (CNS)	3
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
PHA 302	Systemic Pharmacology	2
MIC 302	Virology	1
CPY 302	Pathogenesis of Disease I	1
CPY 304	Practical Laboratory Work	2
PAT 402	Histopathology	2
CPY 402	Human Nutrition	1
HAE 400	Introduction to General Haematology	2
HAE 402	Spleen: Structure, Function, Abnormalities	1
HAE 404	Haemoglobin Synthesis, Functions, Abnormalities	3
HAE 406	Folic Acid and B12 Metabolism	3
MIC 402	Practical Parasitology	1
MIC 404	Applied Medical Microbiology	1
MIC 406	Practical Mycology	1
MIC 408	Medical Helminthology	2
		<hr/> 23

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MIC 301	Bacteriology	2
MIC 303	Mycology	2
CPY 301	Basic Principles of Chemical Pathology	1
CPY 303	Metabolism I	1
CPY 305	Metabolism II	1
PAT 301	General Pathology	1
PHA 301	General Pharmacology	2
PHA 401	Antimicrobial, Antifungal, Antiviral, Antiprotozoal Agents	2
PHA 403	Drugs acting on the Central Nervous System	2
PHA 405	Practical and Demonstrations	2
MIC 401	Medical Protozoology	1
MIC 403	Practical Bacteriology	1
MIC 405	Medical Entomology	1
CPY 401	Clinical Chemistry	1
CPY 403	Practical Laboratory	1
HEM 401	General Haematology	1
HEM 403	Practical Haematology	1
PAT 401	System Pathology	1
PAT 403	Forensic Medicine	1
		<hr/> 24

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
SUG 302	Introduction to Clinical Surgery	2

SUG 302	Introduction to Cardiothoracic, Urology, Orthopaedics, Paediatric Surgery	2
SUG 402	Principles of Surgery	2
SUG 412	Topics in General Surgery	3
SUG 422	Topics in Urology	2
SUG 432	Topics in Orthopaedic Surgery	1
SUG 442	Topics in Thoracic Surgery	1
SUG 452	Topics in Paediatric Surgery	1
SUG 562	Topics in Ear, Nose, and Throat	1
SUG 572	Topics in Ophthalmology	1
SUG 592	History and Development of Anaesthesia	2
MED 412	Medicine 1	1.5
MED 512	Medicine 2	1.5
MED 612	Medicine 4	1.5
		<hr/> 22.5

**Fourth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
RSD 541	Science of Dental Materials	2
RSD 543	Dental Operative Techniques	3
RSD 545	Prosthetic Techniques	2
OPM 551	Oral Medicine and Dental Therapeutics I	3
PVD 533	Oral Diagnosis and Dental Radiology I	3
OMS 525	Oral and Maxillofacial Surgery I	2
CDH 511	Paediatric Dentistry I	2
CDH 513	Orthodontics I	2
RSD 541	Conservative Dentistry I	2
RSD 543	Prosthetic Dentistry I	2
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
OPM 552	Oral Medicine and Dental Therapeutics II	2
PVD 532	Oral Diagnosis and Dental Radiology II	1
PVD 534	Basic Periodontology I	2
OMS 522	Oral Maxillofacial Surgery II	2
CDH 512	Paediatric Dentistry II	1
OPM 554	Introduction to Oral And Maxillofacial Pathology I	1
OPM 556	Oral Medicine I	2
PVD 536	Oral Diagnosis and Dental Radiology III	2
OMS 524	Oral and Maxillofacial Surgery III	2
PVD 538	Periodontology I	2
OPM 558	Oral and Maxillofacial Pathology II	2
CDH 514	Paediatric Dentistry III	2
		<hr/> 21

**Fifth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
OPM 651	Oral Medicine II	2
OMS 621	Oral and Maxillofacial Surgery IV	2
PVD 631	Periodontology III	2
CDH 611	Paediatric Dentistry IV	2
CDH 613	Orthodontics II	2
RSD 641	Conservative Dentistry II	2
RSD 643	Prosthetic Dentistry II	2
OPM 653	Oral and Maxillofacial Pathology III	2
PVD 633	Community and Preventive Dentistry I	2
OPM 655	Medical/Dental Ethics and Jurisprudence	1

OPM 657	Psychiatry for Dental Students	1
OPM 659	Dental Entrepreneurship	1
CDH 615	Paediatric Dentistry V	2
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
PVD 632	Community and Preventive Dentistry II	2
OPM 652	Oral Medicine III	2
CDH 612	Paediatric Dentistry VI	2
CDH 614	Orthodontics III	1
RSD 642	Conservative Dentistry III	2
RSD 644	Prosthetic Dentistry III	2
OPM 654	Forensic Odontology and Jurisprudence	1
OPM 656	Oral and Maxillofacial Pathology IV	2
PVD 634	Community and Preventive Dentistry III	2
PVD 636	Research Project	2
OPM 658	Project Paper	1
		<hr/> 19

**Examination and Assessment**

- For courses in 200 level to 600 level, the pass mark is 50%. A student who scores 70% or above in a subject of the comprehensive examination shall earn a pass with distinction, provided he has not had any repeat in a course relevant to that subject (as determined by the subject prefixes)
- For courses conducted by the departments of the Faculty of Medicine, the assessments, as specified by the relevant departments and approved by the Board of studies of the Faculty of Dentistry.
- Assessment for practical and clinical courses will be based on in-course assessments, as specified by the relevant departments and approved by the Board of the Faculty.
- The number of credits for each level together with the minimum credits required for the next repeat examination and to proceed to the next level is as specified below.

Level	Credits	Repeat	Proceed to Next Level
200	52		
300	40		
400	53		
500	54		
600	24		

The pre-clinical courses are completed at the end of the second semester of 300 level. The repeat examination for 1<sup>st</sup> semester courses will be held when fixed almost at the same time as the 2<sup>nd</sup> semester examination so that the students would have passed the pre-clinical courses before proceeding to clinical courses. To proceed to the clinical courses, a student must obtain a minimum combined of 86 credits in the 300 level first semester examination and second semester examinations.

**Semester Examinations**

To qualify for repeat when fixed; the candidate must have passed all the 300 level 1<sup>st</sup> Semester Examinations and in addition, obtain a minimum of 10 credits from the 2<sup>nd</sup> semester courses. Any other failure would prevent the candidate from continuing the programme. All 400 and 500 levels, clinical courses are block postings taken throughout the session, including the summer vacation, and credits will be earned by the next relevant year.

The final comprehensive Examination will be held in June at the end of 600 level. These consist of written papers, practical/clinical and viva, in each of the major dental subject areas. The practical/clinical section must be passed in order to pass the subject. A student who fails in any subject may repeat that subject in September. A student must pass all the required courses of the degree programme before being allowed to take the final comprehensive examinations.

**Three Year Standard Degree Programme in Dentistry****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		

OPM 241	Oral Anatomy	2
<b>Required Ancillary Courses</b>		
ANA 201	Gross Anatomy I	3
ANA 213	General Embryology	2
ANA 225	General Histology and Cytology	2
BIC 201	Chemistry of Biomolecules	3
BIC 223	Enzymes, Bioenergetics and Biological Oxidation	2
BIC 261	Practical Biochemistry I	2
PYS 201	General Physiology and Blood	2
PYS 203	Excitable Tissues and Autonomic Nervous System (ANS)	2
PYS 205	Practical Physiology	2
<b>General Studies Course</b>		
GSP 207	Logic Philosophy and Human Existence	1
		23
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<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
OPM 242	Oral Physiology	2
<b>Required Ancillary Courses</b>		
ANA 202	Gross Anatomy II	3
ANA 214	Systemic Embryology I	2
ANA 226	Systemic Histology I	2
BIC 232	Metabolism of Carbohydrates and Lipids	3
BIC 234	Metabolism of Proteins, Nucleic Acids & Mol. Biology	3
BIC 262	Practical Biochemistry II	1
PYS 202	Gastro Intestinal Tract and Renal Physiology/ Body Fluids	3
PYS 204	Cardiovascular and Respiratory Physiology	3
<b>General Studies Course</b>		
GSP 208	Nigerian Peoples and Cultures	2
		24
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<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
RSD 541	Science of Dental Materials	2
RSD 543	Dental Operative Techniques	3
RSD 545	Prosthetic Techniques	2
OPM 551	Oral Medicine and Dental Therapeutics I	3
PVD 533	Oral Diagnosis and Dental Radiology I	3
OMS 525	Oral and Maxillofacial Surgery I	2
CDH 511	Paediatric Dentistry I	2
CDH 513	Orthodontics I	2
RSD 541	Conservative Dentistry I	2
RSD 543	Prosthetic Dentistry I	2
		23
<hr/>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
OPM 552	Oral Medicine and Dental Therapeutics II	2
PVD 532	Oral Diagnosis and Dental Radiology II	1
PVD 534	Basic Periodontology I	2
OMS 522	Oral Maxillofacial Surgery II	2
CDH 512	Paediatric Dentistry II	1
OPM 554	Introduction to Oral and Maxillofacial Pathology I	1
OPM 556	Oral Medicine I	2
PVD 536	Oral Diagnosis and Dental Radiology III	2
OMS 524	Oral and Maxillofacial Surgery III	2
PVD 538	Periodontology I	2
OPM 558	Oral and Maxillofacial Pathology II	2

CDH 514	Paediatric Dentistry III	2
		<hr/> 21

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

OPM 651	Oral Medicine II	2
OMS 621	Oral and Maxillofacial Surgery IV	2
PVD 631	Periodontology III	2
CDH 611	Paediatric Dentistry IV	2
CDH 613	Orthodontics II	2
RSD 641	Conservative Dentistry II	2
RSD 643	Prosthetic Dentistry II	2
OPM 653	Oral and Maxillofacial Pathology III	2
PVD 633	Community and Preventive Dentistry I	2
OPM 655	Medical/Dental Ethics and Jurisprudence	1
OPM 657	Psychiatry for Dental Students	1
OPM 659	Dental Entrepreneurship	1
CDH 615	Paediatric Dentistry V	2
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

PVD 632	Community and Preventive Dentistry II	2
OPM 652	Oral Medicine III	2
CDH 612	Paediatric Dentistry VI	2
CDH 614	Orthodontics III	1
RSD 642	Conservative Dentistry III	2
RSD 644	Prosthetic Dentistry III	2
OPM 654	Forensic Odontology and Jurisprudence	1
OPM 656	Oral and Maxillofacial Pathology IV	2
PVD 634	Community and Preventive Dentistry III	2
PVD 636	Research Project	2
OPM 658	Project Paper	1
		<hr/> 19

**Examination and Assessment:**

- For courses conducted by the departments of the Faculty of Medical Sciences, the assessments are done as specified by the relevant departments and approved by the Board of studies of the Faculty of Dentistry.
- Assessment for practical and clinical courses will be based on in-course assessments, as specified by the relevant departments and approved by the Board of the Faculty of Dentistry.
- The number of credits for each level together with the minimum credits required for the next repeat examination and to proceed to the next level is as specified below.

Level	Credits	Repeat	Proceed to Next Level
400	53		
500	54		
600	24		

**Semester Examinations**

All 400 and 500 levels, clinical courses are block postings taken throughout the session, including the summer vacation, and credits will be earned by the next relevant year.

The final comprehensive Examination will be held in June at the end of 600 level. These consist of written papers, practical/clinical and viva, in each of the major dental subject areas. The practical/clinical section must be passed in order to pass the subject. A student who fails in any subject may repeat that subject in September. A student must pass all the required course of the degree programme before being allowed to take the final comprehensive examinations.



**Faculty of Education****Staff**

S.C. Nwizu, B.Sc. (Ed), M.Ed., Ph.D. (Nigeria)	Dean
J.C. Adigwe, B.Sc. (Nigeria), PGCE (Strathclyde), M.Ed. (Jos), Ph.D. (Wales)	Associate Dean
C.C. Atugwu, B.Sc. (Enugu)	Chief Executive Officer
V. E. Okafor, B.Sc. (New York), PGDE, M. Ed (Nigeria)	Principal Executive Officer I
E.C. Eneasato, B.Sc. (Nigeria)	Principal Executive Officer II

**Department of Adult Education & Extra-Mural Studies****Staff**

C.I. Oreh, B.Ed. M.Ed. Ph.D. (Nigeria)	Professor/Head
P.N.C. Ngwu, Diplome d'Etudes Francaises (DEF, Dakar), CLF (Sorbonne-Paris IV), CEST (Harvard), B.A. (Nigeria), M.A., Ph.D. (Ohio)	Professor
S.C. Nwizu, B.Sc., M.Ed., Ph.D. (Nigeria)	Professor
U. Ebirim, B.Ed. M.Ed., Ph.D. (Nigeria)	Professor
A.U. Nwobi, B.Ed., M.Ed. Ph.D. (Nigeria)	Reader
F.O. Mbagwu, NRN, NRM (Nursing Council of Nigeria), PHN, B.Ed. M.Ed. Ph.D. (Nigeria)	Reader
C.C. Okide, NCE, B.Ed. M.Ed., Ph.D. (Nigeria)	Senior Lecturer
M.U. Agboeze, Dip., Adv. Dip., B.Ed., M.Ed., Ph.D. (Nigeria)	Lecturer I
K.C. Obetta, OND., NCE, B.Ed., M.Ed. Ph.D. (Nigeria)	Lecturer I
L.O. Nwabuko, Dip. B.Ed., MPA, M.Ed. Ph.D. (Nigeria)	Lecturer I
R.U. Nwachukwu, B.Ed., M.Ed., Ph.D. (China)	Lecturer I
C.C. Onwuadi, B.Ed., M.Ed. (Nigeria)	Lecturer II
J.B. Ogu, NCE, B.Ed., M.Ed. (Nigeria)	Lecturer II
C.N. Olori, B.Sc.(Ed), M.Ed., Ph.D. (Nigeria)	Lecturer II
P.M.D. Okeke, Dip., B.Ed., M.Ed. (Nigeria)	Lecturer II
E.O. Okop, B.Ed., M.Ed. (Nigeria)	Lecturer II
D.N. Ugwu, B.Ed., M.Ed., Ph.D. (Nigeria)	Lecturer II
C.C. Osilike, B.Ed., M.Ed. Ph.D. (Nigeria)	Lecturer II
K.A. Ogbonnaya, Dip., B.Ed., M.Ed. (Nigeria)	Lecturer II
C.M. Ugwunnadi, Dip., B.Ed., MLS (Nigeria)	Lecturer II
I.C. Okafor, B.Ed. M.Ed. (Nigeria)	Lecturer II
O. C. Imo, B.Ed., M.A, M.Ed.(Nigeria)	Lecturer II
U.L. Koledoye, B.Ed., M.Ed. (Nigeria)	Assistant Lecturer
N.E. Ekwealor, B.Ed., M.Ed. Ph.D. (Nigeria)	Assistant Lecturer
M.C. Okengwu, B.Ed., M.Ed. (Nigeria)	Assistant Lecturer
N.J. Ugwuoke, B.Ed. M.Ed. (Nigeria)	Assistant Lecturer
N.J. Igwe, B.Ed., M.Ed. (Nigeria)	Assistant Lecturer
C. Ochiagha, B.Ed., M.Ed. (Nigeria)	Assistant Lecturer
O. Okoye, B.Ed., M.Ed.(Nigeria)	Assistant Lecturer
E.C. Eneh, B.Ed. M.Ed. (Nigeria)	Assistant Lecturer
G.C. Eze, B.Ed., M.Ed. (Nigeria)	Assistant Lecturer
E.E., Obiozor, B.Ed. M.Ed. (Nigeria)	Assistant Lecturer
C.V. Egwuekwe, B.Ed. (Nigeria)	Graduate Assistant
O.O. Ugwu, B.Ed. (Nigeria)	Graduate Assistant
C.M.I.Onuoha, b.Ed. (Nigeria)	Principal Executive Officer II
M.A. Nwabuko, B.Ed. PGDL	Technical Instructor II
A.O. Uzuegbu, B.Ed. (Nigeria)	Technical Instructor II
J.E. Ali, B.Ed. (Nigeria)	Higher Technical Officer II
A.C. Anyanwu, B.Ed. (Nigeria)	Higher Course Organizer
S.B. Fakae, B.Ed. (Nigeria)	Higher Technical Instructor II
M.I. Chigbo, B.Ed. (Nigeria)	Higher Technical Officer II
D.I. Ijeoma, B.Ed. (Nigeria)	Higher Technical Officer II
A.N. Onyishi, B.Ed. (Nigeria)	Technical Instructor II
L.A.M. Ogbu, B.Ed. (Nigeria)	Technical Officer II
A.O. Ukpai, B.Ed. (Enugu)	Ag. Sec./Chief Data Entry
U.O. Maduka, HND, PGD (Nigeria)	Assistant Executive Officer

### **Brief History**

The Department of Adult Education and Extra-Mural Studies had existed as the Division of Extra-Mural Studies (DEMS) right from the inception of the University of Nigeria in 1960. The University through this division, organized extra-mural classes in 22 centres throughout Eastern Nigeria with courses offered in the beginning, intermediate and advanced English, Psychology, French, Law, Mathematics, Public Administration, Accounting, Stenography, Geography, Biology, Comparative Government, Public Speech and Literature for registered participants. The University calendar 1963-1964 indicated that there were significant increases in both the number and types of Extra-Mural Programmes offered and the number of participants.

A full-fledged Department of Adult Education and Extra-Mural Studies was approved by the University Senate in 1980 to award B.Ed. in Adult Education. The Department was housed at the Continuing Education Centre (C.E.C) specifically provided by United States Agency for International Development (USAID) on Nsukka campus to promote university sponsored Adult Education. Today the department is graduating Adult Educators who major in either Community Development; Administration; Literacy Education, Extension and Distance Education; Labour and Cooperative Education and organize extra-mural programmes at both campuses of the university.

### **Philosophy**

The philosophy of the four-year standard undergraduate programme in Adult Education is based on providing students with theoretical and practical background to function optimally in a globally competitive environment. The programme also provides a balanced liberal arts background as well as sound knowledge of socio-cultural, political and economic facets of the environment in which graduates of the programme are prepared to work. To this end, therefore, the programme emphasizes both education and training in programme development, research, management and implementation of adult literacy programmes, community development, extension and distance education programmes, labour and cooperative education as well as other related fields in human and national development.

### **Vision**

The Vision of the programme is to:

- Train graduates who will facilitate learning for adults and youths who have never had the opportunity of formal education or who did not complete their primary or secondary schooling.
- Produce personnel who will work in the non-formal education component of the National Education System.
- Produce adult educators who can implement the national objectives of adult education.
- Equip graduates with skills that will enable them function effectively as Community Development Specialists; Literacy Education Experts; Administrators, Distance Educators and Cooperative Experts.
- Produce adult educators who can apply critical thinking and reasoning to identify problems and develop problem solving activities.

### **Scope**

Students opting for degree courses in Adult Education have a choice in the following major areas: Administration; Community Development; Literacy Education; Extension and Distance Education; and Labour and Cooperative Education

The related subject combination options are primarily for students who want to combine Adult Education with related subject areas. Such students choose the related subjects from the following areas: Igbo/Linguistics; English; Religion; Economics; Government and Health Education

### **Entry Requirements**

#### **University Matriculation Examination (U.M.E) Admission**

Candidates who possesses five O'Level credit passes including English Language and Mathematics at not more than two sittings in Senior School Certificate (SSC) from West African Examination Council (WAEC) or National Examination Council (NECO) or its equivalents.

#### **Direct Entry (DE) Admission**

Candidates possessing any of the following qualifications may be admitted by Direct Entry into the Three (3) Year Degree Programme.

1. Candidates, who hold either Diploma in Adult Education, Social Work, Religion, Health and Physical Education, NCE with at least merit or any other Diploma recognized by the University of Nigeria Senate, are eligible for admission.
2. Two (2) credit passes in relevant subjects at advanced General Education Examination (GCE), Higher level with SSCE/GCE 'O' level credit passes in three other subjects including English and Mathematics at not more than two sittings or.
3. (a) Passes in two (2) major subjects in relevant areas in NCE with SSC/GCE 'O' level credit or its equivalent in five (5) other subjects including English and Mathematics in not more than two sittings.  
(b) Education is acceptable as a third "A" level subject for those taking courses in education.

### Job Opportunities

Graduates of Adult Education are qualified to work in National Agency for Adult and Non-Formal Education Commission (NMEC) and the State Agencies for Adult and Non-Formal Education Commission. They can also establish or teach in Adult Education Centres. They can work as development officers and administrators in various government ministries like Nigerian Prisons Service, National Immigration Commission, Nigeria Security and Civil defence Corps, Federal Road Safety Commission etc.; Oil Companies; International Organizations like UNICEF, UNDP, UNESCO etc.; Non-Governmental Organizations (NGOs); Banks and they can also be self-employed.

### Stress Areas

Foundation Courses	0
Psychology	1
Community Development	2
Administration	3
Literacy Education	4
Extension and Distance Education	5
Labour and Cooperative Education	6
Research & Evaluation	7
Seminar	8
Project	9

### Four-Year Standard Programme in Adult Education/Community

#### Development

#### First Years

#### First Semester

CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 101	Introduction to Adult and Non-Formal Education	2
ADE 111	Adult Learning and Group Behaviour	2
ADE 121	Adult Education and Community Development	2
ADE 131	Structures in Adult Education	2
ADE 141	Historical Background of Adult Literacy Education	2
ADE 151	Introduction to Distance Education	2
ADE 161	Introduction to Labour and Cooperative Education	2
<b>Required Ancillary Courses</b>		
EDU 102	History of Education	2
<b>General Studies Courses:</b>		
GSP 101	Use of English	2
GSP 105	Natural Sciences I	2
GSP 111	Use of Library	2
		<hr/> 22

#### Second Semester

CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 122	Introduction to Community Development	2
ADE 132	History of Adult Education in Industrialized Countries	2
ADE 142	Special Methods of Teaching Adults	2
ADE 152	Foundations of Instructional Design	2
ADE 162	Adult Education and Labour Dev. in Nigeria	2

**Required Ancillary Courses**

EDU 205	Sociology of Education	2
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**General Studies Courses:**

GSP 102	Use of English II	2
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GSP 106	Natural Sciences II	2
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 16
**Second Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 221	Socio-Cultural Aspects of Community Dev.	2
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ADE 231	Policy and Design in Adult Education	2
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ADE 241	Indigenous Communication Strategies in Adult Edu.	2
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ADE 251	Foundations of Extension Education	2
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ADE 261	Cooperative Edu. and Adults Experiential Learning	2
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**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
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EDU 211	Educational Psychology I	2
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EDU 221	Curriculum Development: Theory and Planning	3
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**General Studies Courses:**

GSP 201	Peace and Conflict Resolution I	2
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GSP 207	Humanities I	2
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 21
**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 206	Practicum in Adult Education	2
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ADE 222	Primary Health Care & Non-Formal Education	2
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ADE 232	Politics in the Administration of Adult Education	2
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ADE 242	Development of Learning Materials	2
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ADE 252	Introduction to Open Learning and Lifelong Education	2
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ADE 262	Career Motivation & Achievements in a Globalized World	2
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ADE 272	Data Processing in Adult Education	2
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**Required Ancillary Courses**

EDU 224	Educational Technology	2
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**General Studies Courses:**

GSP 202	Peace and Conflict Resolution II	2
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GSP 208	Humanities II	2
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 20
**Third Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 313	Learning Teaching and Communication	2
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ADE 321	Community Development: Theory and Practice I	2
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ADE 323	Situation Analysis and Interaction in Adult Edu.	2
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ADE 325	Community Education	2
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ADE 327	Economics of Adult Edu., Community Dev. & S.W	2
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ADE 331	Financing Adult Education	2
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ADE 371	Research and Evaluation in Adult Education	2
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**Required Ancillary Courses**

EDU 321	Curriculum Development and Instruction	3
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EDU 311	Educational Psychology I	2
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CED 301	Introduction to Entrepreneurship	2
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 21
**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 320	Adult Education and Society I	2
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<i>Programmes</i>		417
ADE 322	Approaches to Rural Development	2
ADE 324	Communication and Media Techniques in Com. Dev.	2
ADE 326	Agencies and Institutions for Community Dev.	2
ADE 328	Field Trips in Community Development	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
CED 342	Business Development & Management	2
EDU 306	Teaching Practice I	3
		17
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 411	Motivation in Adult Education	2
ADE 421	Community Development: Theory & Practice II	2
ADE 423	Rural Sociology	2
ADE 425	Issues in Environmental Adult Education	2
ADE 427	Population Trends and Policies	2
ADE 435	Adult Education and International Scene	2
ADE 481	Seminar	2
<b>Required Ancillary Courses</b>		
EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice II	3
		19
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 420	Adult Education and Society II	2
ADE 422	Rural Development Programming	2
ADE 424	Rural Education and National Development	2
ADE 426	Disaster Management in Community	2
ADE 428	Pre-Retirement Education	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
<b>Required Ancillary Courses</b>		
EDU 442	Measurement and Evaluation	2
		18
<b>Three-Year Programme in Adult Education/ Community Development</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 201	Philosophy of Adult Education	2
ADE 221	Socio-Cultural Aspects of Community Dev.	2
ADE 231	Policy and Design in Adult Education	2
ADE 241	Indigenous Communication Strategies in Adult Education	2
ADE 251	Foundations of Extension Education	2
ADE 261	Cooperative Edu. and Adult Experiential Learning	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Development: Theory and Planning	3
<b>General Studies Courses</b>		
GSP 201	Peace and Conflict Resolution I	2
GSP 207	Humanities I	2
		23
<b>Second Semester</b>		
CODE	TITLE.	UNITS

**Major Courses**

ADE 206	Practicum in Adult Education	2
ADE 222	Primary Health Care & Non-Formal Education	2
ADE 232	Politics in the Administration of Adult Education	2
ADE 242	Development of Learning Materials	2
ADE 252	Introduction to Open Learning and Lifelong Education	2
ADE 262	Career Motivation & Achievements in a Globalized World	2
ADE 272	Data Processing in Adult Education	2

**Required Ancillary Courses**

EDU 224	Educational Technology	2
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**General Studies Courses**

GSP 202	Peace and Conflict Resolution II	2
GSP 208	Humanities II	2
		20

**Second Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 313	Learning Teaching and Communication	2
ADE 321	Community Development: Theory and Practice I	2
ADE 323	Situation Analysis and Interaction in Adult Edu.	2
ADE 325	Community Education	2
ADE 327	Economics of Adult Edu., Community Dev. & S.W	2
ADE 331	Financing Adult Education	2
ADE 371	Research and Evaluation in Adult Education	2

**Required Ancillary Courses**

EDU 321	Curriculum Development and Instruction	3
EDU 311	Educational Psychology I	2
CED 301	Introduction to Entrepreneurship	2
		21

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 320	Adult Education and Society I	2
ADE 322	<b>Approaches to Rural Development</b>	2
ADE 324	Communication and Media Techniques in Com. Dev.	2
ADE 326	Agencies and Institutions for Community Dev.	2
ADE 328	Field Trips in Community Development	2

**Required Ancillary Courses**

COS 304	Computer Applications	2
CED 342	Business Development & Management	2
EDU 306	Teaching Practice I	3
		17

**Third Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 411	Motivation in Adult Education	2
ADE 421	Community Development: Theory & Practice II	2
ADE 423	Rural Sociology	2
ADE 425	Issues in Environmental Adult Education	2
ADE 427	Population Trends and Policies	2
ADE 435	Adult Education and International Scene	2
ADE 481	Seminar	2

**Required Ancillary Courses**

EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice II	3
		19

**Second Semester**

CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 420	Adult Education and Society II	2
ADE 422	Rural Development Programming	2
ADE 424	Rural Education and National Development	2
ADE 426	Disaster Management in Community	2
ADE 428	Pre-Retirement Education	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
<b>Required Ancillary Courses</b>		
EDU 442	Measurement and Evaluation	2
		18
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<b>Four Year Programme in Education/ Administration</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 101	Introduction to Adult and Non-Formal Education	2
ADE 111	Adult Learning and Group Behaviour	2
ADE 121	Adult Education and Community Dev.	2
ADE 131	Structures in Adult Education	2
ADE 141	Historical Background of Adult Literacy Education	2
ADE 151	Introduction to Distance Education	2
ADE 161	Introduction to Labour and Cooperative Education	2
<b>Required Ancillary Courses</b>		
EDU 103	History of Education	2
<b>General Studies Courses</b>		
GSP 101	Use of English	2
GSP 111	Use of Library	2
GSP 105	Natural Sciences I	2
		22
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<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 122	Introduction to Community Development	2
ADE 131	History of Adult Education in Industrialized Countries	2
ADE 142	Special Methods of Teaching Adults	2
ADE 152	<i>Foundations of Instructional Design</i>	2
ADE 162	Adult Education and Labour Dev. in Nigeria	2
<b>Required Ancillary Courses</b>		
EDU 206	Sociology of Education	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
GSP 106	Natural Sciences II	2
		16
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<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 201	Philosophy of Adult Education	2
ADE 221	Socio-Cultural Aspects of Community Dev.	2
ADE 231	Policy and Design in Adult Education	2
ADE 241	Indigenous Communication Strategies in Adult Education	2
ADE 251	Foundations of Extension Education	2
ADE 261	Cooperative Edu. and Adult Experiential Learning	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Development: Theory and Planning	3

**General Studies Courses**

GSP 201	Peace and Conflict Resolution I	2
GSP 207	Humanities I	2
		23

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 206	Practicum in Adult Education	2
ADE 222	Primary Health Care & Non-Formal Education	2
ADE 232	Politics in the Administration of Adult Education	2
ADE 242	Development of Learning Materials	2
ADE 252	Introduction to Open Learning and Lifelong Education	2
ADE 262	Career Motivation & Achievements in a Globalized World	2
ADE 272	Data Processing in Adult Education	2

**Required Ancillary Courses**

EDU 224	Educational Technology	2
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**General Studies Courses**

GSP 202	Peace and Conflict Resolution II	2
GSP 208	Humanities II	2
		20

**Third Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 331	Financing Adult Education	2
ADE 333	Resource Development in Adult Education	2
ADE 335	Designing Adult Education Programmes	2
ADE 337	Adult Education as a Career	2
ADE 339	Mgt. and Organization of Learning Situations	2
ADE 371	Research and Evaluation in Adult Education	2

**Required Ancillary Courses**

EDU 321	Curriculum Implementation and Instruction	3
EDU 311	Educational Psychology II	2
CED 341	Introduction to Entrepreneurship	2
		19

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 330	Non-formal education & Cooperative Movements	2
ADE 332	Administration of Adult Education: Theory & Practice I	2
ADE 334	Programme Content Design	2
ADE 336	Principles of Adult Education	2
ADE 338	Innovations in Adult Education	2

**Required Ancillary Courses**

COS 304	Computer Applications	2
CED 342	Business Development & Management	2
EDU 306	Teaching Practice I	3
		17

**Fourth Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 411	Motivation in Adult Education	2
ADE 431	Current Issues and Problems in Adult Education	2
ADE 433	Non-Governmental Organizations & Adult Education	2
ADE 435	Adult Education and International Scene	2
ADE 437	Comparative Adult Education	2
ADE 439	Adult and Youth Behaviour Management	2
ADE 481	Seminar	2



**Required Ancillary Courses**

EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice II	3
		19

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 430	Professional Development of Adult Educators	2
ADE 432	Admin. of Adult Education: Theory & Practice II	2
ADE 434	Industrial Education and Training	2
ADE 436	Methods and Materials in Adult Education	2
ADE 438	Supervision and Change in Adult Education	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4

**Required Ancillary Courses**

EDU 442	Measurement and Evaluation	2
		18

**Three-Year Programme in Adult Education/Administration****First Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 201	Philosophy of Adult Education	2
ADE 221	Socio-Cultural Aspects of Community Dev.	2
ADE 231	Policy and Design in Adult Education	2
ADE 241	Indigenous Communication Strategies in Adult Education	2
ADE 251	Foundations of Extension Education	2
ADE 261	Cooperative Edu. and Adult Experiential Learning	2

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Development: Theory and Planning	3

**General Studies Courses**

GSP 201	Peace and Conflict Resolution I	2
GSP 207	Humanities I	2
		23

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 206	Practicum in Adult Education	2
ADE 222	Primary Health Care & Non-Formal Education	2
ADE 232	Politics in the Administration of Adult Education	2
ADE 242	Development of Learning Materials	2
ADE 252	Introduction to Open Learning and Lifelong Education	2
ADE 262	Career Motivation & Achievements in a Globalized World	2
ADE 272	Data Processing in Adult Education	2

**Required Ancillary Courses**

EDU 224	Educational Technology	2
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**General Studies Courses**

GSP 202	Peace and Conflict Resolution II	2
GSP 208	Humanities II	2
		20

**Second Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 331	Financing Adult Education	2
ADE 333	Resource Development in Adult Education	2
ADE 335	Designing Adult Education Programmes	2

ADE 337	Adult Education as a Career	2
ADE 339	Mgt. and Organization of Learning Situations	2
ADE 371	Research and Evaluation in Adult Education	2
<b>Required Ancillary Courses</b>		
EDU 321	Curriculum Implementation and Instruction	3
EDU 311	Educational Psychology II	2
CED 341	Introduction to Entrepreneurship	2
		19
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 330	Non-formal education & Cooperative Movements	2
ADE 332	Administration of Adult Education: Theory & Practice I	2
ADE 334	Programme Content Design	2
ADE 336	Principles of Adult Education	2
ADE 338	Innovations in Adult Education	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
CED 342	Business Development & Management	2
EDU 306	Teaching Practice I	3
		17
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 411	Motivation in Adult Education	2
ADE 431	Current Issues and Problems in Adult Education	2
ADE 433	Non-Governmental Organizations & Adult Education	2
ADE 435	Adult Education and International Scene	2
ADE 437	Comparative Adult Education	2
ADE 439	Adult and Youth Behaviour Management	2
ADE 481	Seminar	2
<b>Required Ancillary Courses</b>		
EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice II	3
		19
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 430	Professional Development of Adult Educators	2
ADE 432	Admin. of Adult Education: Theory & Practice II	2
ADE 434	Industrial Education and Training	2
ADE 436	Methods and Materials in Adult Education	2
ADE 438	Supervision and Change in Adult Education	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
<b>Required Ancillary Courses</b>		
EDU 442	Measurement and Evaluation	2
		18
<b>Four-Year Prgrmme in Adult Education/Literacy Education</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 101	Introduction to Adult and Non-Formal Education	2
ADE 121	Adult Education and Community Development	2
ADE 131	Structures in Adult Education	2
ADE 141	Historical Background of Adult Literacy Education	2
ADE 151	Introduction to Distance Education	2

<i>Programmes</i>		423
ADE 161	Introduction to Labour and Cooperative Education	2
ADE 111	Adult Learning and Group Behaviour	2
<b>Required Ancillary Courses</b>		
EDU 102	History of Education	2
<b>General Studies Courses:</b>		
GSP 101	Use of English	2
GSP 105	Natural Sciences I	2
GSP 111	Use of Library	2
		22
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 122	Introduction to Community Development	2
ADE 132	History of Adult Education in Industrialized Countries	2
ADE 142	Special Methods of Teaching Adults	2
ADE 144	Adult Literacy: Methods and Practice I	2
ADE 152	Foundations of Instructional Design	2
ADE 162	Adult Education and labour Dev. in Nigeria	2
<b>Required Ancillary Courses</b>		
EDU 205	Sociology of Education	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
GSP 106	Natural Sciences II	2
		18
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 201	Philosophy of Adult Education	2
ADE 221	Socio-Cultural Aspects of Community Dev.	2
ADE 231	Policy and Design in Adult Education	2
ADE 241	Indigenous Communication Strategies in Adult Education	2
ADE 251	Foundations of Extension Education	2
ADE 261	Cooperative Edu. and Adult Experiential Learning	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Development: Theory and Planning	3
<b>General Studies Courses</b>		
GSP 201	Peace and Conflict Resolution I	2
GSP 207	Humanities I	2
		23
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 222	Primary Health Care & Non-Formal Education	2
ADE 232	Politics in the Administration of Adult Education	2
ADE 242	Development of Learning Materials	2
ADE 252	Introduction to Open Learning and Lifelong Education	2
ADE 262	Career Motivation & Achievements in a Globalized World	2
ADE 272	Data Processing in Adult Education	2
<b>Required Ancillary Courses</b>		
EDU 224	Educational Technology	2
<b>General Studies Courses</b>		
GSP 202	Peace and Conflict Resolution II	2
GSP 208	Humanities II	2
		20
<b>Tjthird Year</b>		

**First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 311	Special Education for Handicapped Adults	2
ADE 313	Learning, Teaching and Communication	2
ADE 341	Literacy Education and Rural Transformation	2
ADE 343	Mass Education and Enlightenment Campaign	2
ADE 345	Post Literacy Education	2
ADE 371	Research and Evaluation in Adult Education	2

**Required Ancillary Courses**

EDU 321	Curriculum Implementation and Instruction	3
EDU 311	Educational Psychology II	2

**General Studies Courses**

CED 341	Introduction to Entrepreneurship	2
		19

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 336	Principles of Adult Education	2
ADE 342	Resources in Literacy Education	2
ADE 344	Open Learning Systems	2
ADE 346	Literacy for Special Groups	2
ADE 348	Literacy Education and Social Change	2

**Required Ancillary Courses**

COS 304	Computer Applications	2
CED 342	Business Development and Management	2
EDU 306	Teaching Practice I	3
		17

**Fourth Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 427	Population Trends and Politics	2
ADE 431	Current Issues and Problems in Adult Education	2
ADE 443	Adult Literacy Methods & Practice II	2
ADE 445	Literacy and Environment	2
ADE 481	Seminar	2
ADE 411	Motivation in Adult Education	2

**Required Ancillary Courses**

EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice II	3
		17

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 442	Curriculum Development in Adult Literacy Edu.	2
ADE 444	Functional Numeracy Education	2
ADE 446	Planning and Organization of Adult Literacy Edu.	2
ADE 448	Issues in Literacy Education	2
ADE 450	Personnel Development in Ext. & D. E.	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4

**Required Ancillary Courses**

EDU 442	Measurement and Evaluation	2
		18

**Three-Year Standard Programme in Adult Education/  
Literacy Education**

**First Year****First Semester**

CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 201	Philosophy of Adult Education	2
ADE 221	Socio-Cultural Aspects of Community Dev.	2
ADE 231	Policy and Design in Adult Education	2
ADE 241	Indigenous Communication Strategies in Adult Education	2
ADE 251	Foundations of Extension Education	2
ADE 261	Cooperative Edu. and Adult Experiential Learning	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Development: Theory and Planning	3
<b>General Studies Courses</b>		
GSP 201	Peace and Conflict Resolution I	2
GSP 207	Humanities I	2
		23
<hr/>		
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 222	Primary Health Care & Non-Formal Education	2
ADE 232	Politics in the Administration of Adult Education	2
ADE 242	Development of Learning Materials	2
ADE 252	Introduction to Open Learning and Lifelong Education	2
ADE 262	Career Motivation & Achievements in a Globalized World	2
ADE 272	Data Processing in Adult Education	2
<b>Required Ancillary Courses</b>		
EDU 224	Educational Technology	2
<b>General Studies Courses</b>		
GSP 202	Peace and Conflict Resolution II	2
GSP 208	Humanities II	2
		20
<hr/>		
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 311	Special Education for Handicapped Adults	2
ADE 313	Learning, Teaching and Communication	2
ADE 341	Literacy Education and Rural Transformation	2
ADE 343	Mass Education and Enlightenment Campaign	2
ADE 345	Post Literacy Education	2
ADE 371	Research and Evaluation in Adult Education	2
<b>Required Ancillary Courses</b>		
EDU 321	Curriculum Implementation and Instruction	3
EDU 311	Educational Psychology II	2
<b>General Studies Courses</b>		
CED 341	Introduction to Entrepreneurship	2
		19
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<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 336	Principles of Adult Education	2
ADE 342	Resources in Literacy Education	2
ADE 344	Open Learning Systems	2
ADE 346	Literacy for Special Groups	2
ADE 348	Literacy Education and Social Change	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
CED 342	Business Development and Management	2

EDU 306	Teaching Practice I	3
		17

**Third Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 427	Population Trends and Politics	2
ADE 431	Current Issues and Problems in Adult Education	2
ADE 443	Adult Literacy Methods & Practice II	2
ADE 445	Literacy and Environment	2
ADE 481	Seminar	2
ADE 411	Motivation in Adult Education	2

**Required Ancillary Courses**

EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice II	3
		17

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 442	Curriculum Development in Adult Literacy Edu.	2
ADE 444	Functional Numeracy Education	2
ADE 446	Planning and Organization of Adult Literacy Edu.	2
ADE 448	<i>Issues in Literacy Education</i>	2
ADE 450	Personnel Development in Ext. & D. E.	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4

**Required Ancillary Courses**

EDU 442	Measurement and Evaluation	2
		18

**Four-Yer Standard Programme in Extension and Distance Education****First Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 101	Introduction to Adult and Non Formal Education	2
ADE 111	Adult Learning and Group Behaviour	2
ADE 121	Adult Education and Community Dev.	2
ADE 131	Structures in Adult Education	2
ADE 141	Historical Background of Adult Literacy Education	2
ADE 151	Introduction to Distance Education	2
ADE 161	Introduction to Labour and Cooperative Education	2

**Required Ancillary Courses**

EDU 102	History of Education	2
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**General Studies Courses**

GSP 101	Use of English	2
GSP 105	Natural Sciences I	2
GSP 111	Use of Library	2
		22

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 122	Introduction to Community Development	2
ADE 132	History of Adult Education in Industrialized Countries	2
ADE 142	Special Methods of Teaching Adults	2
ADE 152	Foundations of Instructional Design	2
ADE 162	Adult Education and Labour Dev. in Nigeria	2

**Required Ancillary Courses**

EDU 206	Sociology of Education	2
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**General Studies Courses**

GSP 102	Use of English II	2
GSP 106	Natural Sciences II	2
		16

**Second Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 201	Philosophy of Adult Education	2
ADE 221	Socio-Cultural Aspects of Community Dev.	2
ADE 230	Policy and Design in Adult Education	2
ADE 241	Indigenous Communication Strategies in Adult Edu.	2
ADE 251	Foundations of Extension Education	2
ADE 261	Cooperative Edu. & Adult Experiential Learning	2

**Required Ancillary Courses**

EDU 211	Educational Psychology I	2
COS 101	Introduction to Computer Science	2
EDU 221	Curriculum Development Theory and Planning	3

**General Studies Courses**

GSP 207	Humanities I	2
GSP 201	Peace and Conflict Resolution I	2
		23

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 206	Practicum in Adult Education	2
ADE 222	Primary Health Care & Non-Formal Education	2
ADE 232	Politics in the Administration of Adult Education	2
ADE 242	Primer Construction in Adult Education	2
ADE 252	Introduction to Open Learning and Lifelong Education	2
ADE 262	Career Motivation and achievements in a Globalized World	2
ADE 272	Data Processing in Adult Education	2

**Required Ancillary Courses**

EDU 224	Educational Technology	2
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**General Studies Courses**

GSP 208	Humanities II	2
GSP 202	Peace and Conflict Resolution II	2
		20

**Third Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 331	Financing Adult Education	2
ADE 351	Distance Education Technologies	2
ADE 353	Programme, Monitoring & Evaluation in Distance Education	2
ADE 355	Social Analysis in Extension Education	2
ADE 357	Media Techniques and Extension Education.	2
ADE 371	Research and Evaluation in Adult Education	2

**Required Ancillary Courses**

CED 341	Introduction to Entrepreneurship	2
EDU 311	Educational Psychology II	2
EDU 321	Curriculum Implementation and Instruction	3
		19

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 350	Perspectives in Distance Edu. And Training	2
ADE 352	Tutoring and Student Support In Distance Education	2
ADE 354	Designing & Facilitating Extension Edu. Programme	2

ADE 356	Instructional Design in Distance Education	2
ADE 358	Administration of Distance Education	2
<b>General Studies Courses:</b>		
CED 342	Business Development and Management	2
COS 304	Computer Applications	2
<b>Required Ancillary Courses</b>		
EDU 306	Teaching Practice I	3
		17

**Fourth Year****First Semester**

CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 411	Motivation in Adult Education	2
ADE 451	Contemporary Issues in Distance Education	2
ADE 453	Trends in University Extension Education	2
ADE 455	Comparative Distance Education	2
ADE 457	Learning in Non-School Environment	2
ADE 459	Economics of Distance Education	2
ADE 481	Seminar	2
<b>Required Ancillary Courses</b>		
EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice II	3
		19

**Second Semester**

CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 436	Methods and Materials in Adult Education	2
ADE 450	Personnel Development in Extension and DE	2
ADE 452	Instructional Project Management in Distance Education	2
ADE 454	E-Learning and Adult Education	2
ADE 456	Records and Information Mgt. in Distance Education	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
<b>Required Ancillary Courses</b>		
EDU 442	Measurement and Evaluation	2
		18

**First Year****First Semester**

CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 201	Philosophy of Adult Education	2
ADE 221	Socio-Cultural Aspects of Community Dev.	2
ADE 230	Policy and Design in Adult Education	2
ADE 241	Indigenous Communication Strategies in Adult Edu.	2
ADE 251	Foundations of Extension Education	2
ADE 261	Cooperative Edu. & Adult Experiential Learning	2
<b>Required Ancillary Courses</b>		
EDU 211	Educational Psychology I	2
COS 101	Introduction to Computer Science	2
EDU 221	Curriculum Development Theory and Planning	3
<b>General Studies Courses:</b>		
GSP 207	Humanities I	2
GSP 201	Peace and Conflict Resolution I	2
		23

**Second Semester**

CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 222	Primary Health Care & Non-Formal Education	2



		Programmes	429
ADE 232	Politics in the Administration of Adult Education		2
ADE 242	Primer Construction in Adult Education		2
ADE 252	Introduction to Open Learning and Lifelong Education		2
ADE 262	Career Motivation and achievements in a Globalized World		2
ADE 272	Data Processing in Adult Education		2
<b>Required Ancillary Courses</b>			
EDU 224	Educational Technology		2
<b>General Studies Courses</b>			
GSP 208	Humanities II		2
GSP 202	Peace and Conflict Resolution II		2
			20
<b>Second Year</b>			
<b>First Semester</b>			
CODE	TITLE.		UNITS
<b>Major Courses</b>			
ADE 331	Financing Adult Education		2
ADE 351	Distance Education Technologies		2
ADE 353	Programme, Monitoring & Evaluation in Distance Education		2
ADE 355	Social Analysis in Extension Education		2
ADE 357	Media Techniques in Extension Education		2
ADE 371	Research and Evaluation in Adult Education		2
<b>Required Ancillary Courses</b>			
CED 341	Introduction to Entrepreneurship		2
EDU 311	Educational Psychology II		2
EDU 321	Curriculum Implementation and Instruction		3
			19
<b>Second Semester</b>			
CODE	TITLE.		UNITS
<b>Major Courses</b>			
ADE 350	Perspectives in Distance Edu. And Training		2
ADE 352	Tutoring and Student Support In Distance Education		2
ADE 354	Designing & Facilitating Extension Edu. Programme		2
ADE 356	Instructional Design in Distance Education		2
ADE 358	Administration of Distance Education		2
<b>General Studies Courses</b>			
CED 342	Business Development and Management		2
COS 304	Computer Applications		2
<b>Required Ancillary Courses</b>			
EDU 306	Teaching Practice I		3
			17
<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE.		UNITS
<b>Major Courses</b>			
ADE 411	Motivation in Adult Education		2
ADE 451	Contemporary Issues in Distance Education		2
ADE 453	Trends in University Extension Education		2
ADE 455	Comparative Distance Education		2
ADE 457	Learning in Non-School Environment		2
ADE 459	Economics of Distance Education		2
ADE 481	Seminar		2
<b>Required Ancillary Courses</b>			
EDU 411	Educational Psychology III		2
EDU 403	Teaching Practice II		3
			19
<b>Second Semester</b>			
CODE	TITLE.		UNITS
<b>Major Courses</b>			
ADE 436	Methods and Materials in Adult Education		2

ADE 450	Personnel Development in Extension and DE	2
ADE 452	Instructional Project Management in Distance Education	2
ADE 454	E-Learning and Adult Education	2
ADE 456	Records and Information Mgt. in Distance Education	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
<b>Required Ancillary Courses</b>		
EDU 442	Measurement and Evaluation	2
		18
<b>Four-Year Standard Programme in Labour and Cooperative Education</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 101	Introduction to Adult and Non Formal Education	2
ADE 111	Adult Learning and Group Behaviour	2
ADE 121	Adult Education and Community Dev.	2
ADE 131	Structures in Adult Education	2
ADE 141	Historical Background of Adult Literacy Education	2
ADE 151	Introduction to Distance Education	2
ADE 161	Introduction to Labour and Cooperative Education	2
<b>Required Ancillary Courses</b>		
EDU 102	History of Education	2
<b>General Studies Courses</b>		
GSP 101	Use of English	2
GSP 105	Natural Sciences I	2
GSP 111	Use of Library	2
		22
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 122	Introduction to Community Development	2
ADE 132	History of Adult Education in Industrialized Countries	2
ADE 142	Special Methods of Teaching Adults	2
ADE 152	Foundations of Instructional Design	2
ADE 162	Adult Education and Labour Dev. in Nigeria	2
<b>Required Ancillary Courses</b>		
EDU 206	Sociology of Education	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
GSP 106	Natural Sciences II	2
		16
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 201	Philosophy of Adult Education	2
ADE 221	Socio-Cultural Aspects of Community Development	2
ADE 230	Policy and Design in Adult Education	2
ADE 241	Indigenous Communication Strategies in Adult Edu.	2
ADE 251	Foundations of Extension Education	2
ADE 261	Cooperative Edu. and Adult Experiential Learning	2
<b>Required Ancillary Courses</b>		
EDU 211	Educational Psychology I	2
COS 101	Introduction to Computer Science	2
EDU 221	Curriculum Development Theory and Planning	3
<b>General Studies Courses</b>		
GS 207	Humanities I	2
GS 201	Peace and Conflict Resolution I	2

<i>Programmes</i>		431
		23
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 222	Primary Health Care & Non-Formal Education	2
ADE 232	Politics in the Administration of Adult Education	2
ADE 242	Primer Construction in Adult Education	2
ADE 252	Introduction to Open Learning and Lifelong Education	2
ADE 262	Career Motivation and Achievements in a Globalized World	2
ADE 272	Data Processing in Adult Education	2
<b>Required Ancillary Courses</b>		
EDU 224	Educational Technology	2
<b>General Studies</b>		
<b>Courses:</b>		
GSP 208	Humanities II	2
GSP 202	Peace and Conflict Resolution II	2
		20
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 361	Adult Learning and Changing World of Work	2
ADE 363	Training for Employability	2
ADE 365	Issues in Labour and Cooperative Education	2
ADE 367	Community Mobilization for Cooperative Efforts	2
ADE 369	Labour and Cooperative Edu.: Theory and Practice I	2
ADE 371	Research and Evaluation in Adult Education	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
EDU 311	Educational Psychology II	2
EDU 321	Curriculum Implementation and Instruction	3
		19
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 362	Labour Education and National Development	2
ADE 364	Principles of Adult Learning and Cooperative Edu.	2
ADE 366	Work-Based Literacy for Organizational Efficiency	2
ADE 368	Lifelong Learning and Cooperative Education	2
ADE 356	Instructional Design in Distance Education	2
<b>General Studies Courses</b>		
CED 342	Business Development and Management	2
COS 304	Computer Applications	2
<b>Required Ancillary Courses</b>		
EDU 306	Teaching Practice II	3
		17
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 411	Motivation in Adult Education	2
ADE 461	Labour Movements and Nigerian Economy	2
ADE 463	Women Empowerment/Employability of Adults through Cooperative Education through Cooperative Education	2
ADE 465	Conflict Management in Community Organizations & Cooperative Societies	2
ADE 467	Issues in Popular Education	2
ADE 469	Gender Education for Self-Reliance	2
ADE 481	Seminar	2

**Required Ancillary Courses**

EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice II	3
		19

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 436	Methods and Materials in Adult Education	2
ADE 462	Leadership and Capacity Building	2
ADE 464	Job Satisfaction in Adult Education	2
ADE 466	Adult Education and Sustainable Activities	2
ADE 468	Labour and Cooperative Edu.: Theory and Practice II	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4

**Required Ancillary Courses**

EDU 442	Measurement and Evaluation	2
		18

**Three-Year Standard Programme in Labour & Cooperative Education****First Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 201	Philosophy of Adult Education	2
ADE 221	Socio-Cultural Aspects of Community Development	2
ADE 230	Policy and Design in Adult Education	2
ADE 241	Indigenous Communication Strategies in Adult Edu.	2
ADE 251	Foundations of Extension Education	2
ADE 261	Cooperative Edu. and Adult Experiential Learning	2

**Required Ancillary Courses**

EDU 211	Educational Psychology I	2
COS 101	Introduction to Computer Science	2
EDU 221	Curriculum Development Theory and Planning	3

**General Studies Courses**

GS 207	Humanities I	2
GS 201	Peace and Conflict Resolution I	2
		23

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 206	Practicum in Adult Education	2
ADE 222	Primary Health Care & Non-Formal Education	2
ADE 232	Politics in the Administration of Adult Education	2
ADE 242	Primer Construction in Adult Education	2
ADE 252	Introduction to Open Learning and Lifelong Education	2
ADE 262	Career Motivation and Achievements in a Globalized World Globalized World	2
ADE 272	Data Processing in Adult Education	2

**Required Ancillary Courses**

EDU 224	Educational Technology	2
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**General Studies Courses**

GSP 208	Humanities II	2
GSP 202	Peace and Conflict Resolution II	2
		20

**Second Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 361	Adult Learning and Changing World of Work	2
ADE 363	Training for Employability	2
ADE 365	Issues in Labour and Cooperative Education	2

<i>Programmes</i>		433
ADE 367	Community Mobilization for Cooperative Efforts	2
ADE 369	Labour and Cooperative Edu.: Theory and Practice I	2
ADE 371	Research and Evaluation in Adult Education	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
EDU 311	Educational Psychology II	2
EDU 321	Curriculum Implementation and Instruction	3
		19
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 362	Labour Education and National Development	2
ADE 364	Principles of Adult Learning and Cooperative Edu.	2
ADE 366	Work-Based Literacy for Organizational Efficiency	2
ADE 368	Lifelong Learning and Cooperative Education	2
ADE 356	Instructional Design in Distance Education	2
<b>General Studies Courses</b>		
CED 342	Business Development and Management	2
COS 304	Computer Applications	2
<b>Required Ancillary Courses</b>		
EDU 306	Teaching Practice II	3
		17
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 411	Motivation in Adult Education	2
ADE 461	Labour Movements and Nigerian Economy	2
ADE 463	Women Empowerment/Employability of Adults through Cooperative Education through Cooperative Education	2
ADE 465	Conflict Management in Community Organizations & Cooperative Societies & Cooperative Societies	2
ADE 467	Issues in Popular Education	2
ADE 469	Gender Education for Self-Reliance	2
ADE 481	Seminar	2
<b>Required Ancillary Courses</b>		
EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice II	3
		19
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 436	Methods and Materials in Adult Education	2
ADE 462	Leadership and Capacity Building	2
ADE 464	Job Satisfaction in Adult Education	2
ADE 466	Adult Education and Sustainable Activities	2
ADE 468	Labour and Cooperative Edu.: Theory and Practice II	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
<b>Required Ancillary Courses</b>		
EDU 442	Measurement and Evaluation	2
		18
<b>Four-Year Standard Programme in Adult Education/Economics</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 101	Introduction to Adult and Non-Formal Education	2
ADE 111	Adult Learning and Group Behaviour	2

ADE 161	Introduction to Labour & Cooperative Education	2
ADE 131	Structures in Adult Education	2
ECO 101	Principles of Economics I	2
ECO 131	Introduction to Economics Statistics I	2
ECO 171	Introduction to Management	2
<b>Required Ancillary Courses</b>		
EDU 103	History of Education	2
<b>General Studies Course</b>		
GSP 101	Use of English I	2
GSP 105	Natural Science I	2
GSP 111	Use of Library	2
		<hr/> 22
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 122	Introduction to Community Development	2
ADE 144	Adult Literacy: Methods and Practice I	2
ADE 152	Foundations of Instructional Design	2
ECO 102	Principles of Economics II	2
ECO 122	Introduction to Business Accounting	2
ECO 132	Introduction to Economics Statistics II	2
<b>Required Ancillary Courses</b>		
EDU 206	Sociology of Education	2
<b>General Studies Course</b>		
GSP 102	Use of English II	2
GSP 106	Natural Sciences II	2
		<hr/> 18
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 201	Philosophy of Adult Education	2
ADE 251	Foundation of Extension Education	2
ECO 201	Micro-Finance Theory I	3
ECO 202	Intermediate Mathematics for Economics	3
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
<b>General Studies Course</b>		
GSP 201	Peace and Conflict Resolution I	2
GSP 207	Humanities I	2
		<hr/> 21
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 232	Politics in the Administration of Adult Education	2
ADE 272	Data Processing in Adult Education	2
ECO 204	Macro-Economic Theory II	3
ECO 211	History of Economic Theory I	3
<b>Required Ancillary Courses</b>		
EDU 224	Educational Technology	2
<b>General Studies Course</b>		
GSP 208	Humanities I	2
GSP 202	Peace and Conflict Resolution II	2
		<hr/> 18
<b>Third Year</b>		
<b>First Semester</b>		

CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 353	Programme Monitoring & Evaluation in D.E.	2
ADE 371	Research and Evaluation in Adult Education	2
ECO 301	Intermediate Micro Economic theory	4
ECO 351	Introduction to Demography	2
ECO 361	Development Economics	2
ECO 381	Public Policy I	2
<b>Required Ancillary Courses</b>		
EDU 321	Curriculum Development, Theory and Planning	3
EDU 311	Educational Psychology II	2
CED 341	Entrepreneurship Education I	2
		21
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 322	Approaches to Rural Development	2
ADE 332	Administration of Adult Edu. Theory & Practice I	2
ECO 302	Intermediate Macro-Economic Theory	4
-ECO 332	Introduction to Economics	2
ECO 392	Research Methods in Economics II	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Application	2
CED 342	Business Development and Management	2
EDU 306	Teaching Practice I	3
		19
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 411	Motivation in Adult Education	2
ADE 443	Adult Literacy: Methods and Practice II	2
ADE 481	Seminar	2
ECO 401	Advanced Macro-Economic: Theory Policy I	2
ECO 402	Advanced Macro-Economic: Theory Policy II	2
ECO 461	Problems and Politics of Development	2
ECO 475	Project Evaluation I	2
<b>Required Ancillary Courses</b>		
EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice II	3
		19
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 432	Administration of Adult Edu.: Theory and Practice II	2
ADE 452	Instructional Project Management in D.E.	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
ECO 403	Advanced Micro-Economic: Theory & Policy II	2
ECO 404	Advanced Macro-Economic: Theory & Policy II	2
ECO 465	Economics Planning II	2
<b>Required Ancillary Courses</b>		
EDU 442	Measurement and Evaluation	2
		18
<b>Three-Year Standard Programme in Adult Education/Economics</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		

ADE 201	Philosophy of Adult Education	2
ADE 251	Foundation of Extension Education	2
ECO 201	Micro-Finance Theory I	3
ECO 202	Intermediate Mathematics for Economics	3
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
<b>General Studies Courses</b>		
GSP 201	Peace and Conflict Resolution I	2
GSP 207	Humanities I	2
		21
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<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 232	Politics in the Administration of Adult Education	2
ADE 272	Data Processing in Adult Education	2
ECO 204	Macro-Economic Theory II	3
ECO 211	History of Economic Theory I	3
<b>Required Ancillary Courses</b>		
EDU 224	Educational Technology	2
<b>General Studies Courses</b>		
GSP 208	Humanities I	2
GSP 202	Peace and Conflict Resolution II	2
		18
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<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 353	Programme Monitoring & Evaluation in D.E.	2
ADE 371	Research and Evaluation in Adult Education	2
ECO 301	Intermediate Micro Economic theory	4
ECO 351	Introduction to Demography	2
ECO 361	Development Economics	2
ECO 381	Public Policy I	2
<b>Required Ancillary Courses</b>		
EDU 321	Curriculum Development, Theory and Planning	3
EDU 311	Educational Psychology II	2
CED 341	Entrepreneurship Education I	2
		21
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<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 322	Approaches to Rural Development	2
ADE 332	Administration of Adult Edu. Theory & Practice I	2
ECO 302	Intermediate Macro-Economic Theory	4
-ECO 332	Introduction to Economics	2
ECO 392	Research Methods in Economics II	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Application	2
CED 342	Business Development and Management	2
EDU 306	Teaching Practice I	3
		19
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<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 411	Motivation in Adult Education	2



		Programmes	437
ADE 443	Adult Literacy: Methods and Practice II		2
ADE 481	Seminar		2
ECO 401	Advanced Macro-Economic: Theory Policy I		2
ECO 402	Advanced Macro-Economic: Theory Policy II		2
ECO 461	Problems and Politics of Development		2
ECO 475	Project Evaluation I		2
<b>Required Ancillary Courses</b>			
EDU 411	Educational Psychology III		2
EDU 403	Teaching Practice II		3
			19
<b>Second Semester</b>			
CODE	TITLE.		UNITS
<b>Major Courses</b>			
ADE 432	Administration of Adult Edu.: Theory and Practice II		2
ADE 452	Instructional Project Management in D.E.		2
ADE 472	Case Studies in Adult Education		2
ADE 490	Project		4
ECO 403	Advanced Micro-Economic: Theory & Policy II		2
ECO 404	Advanced Macro-Economic: Theory & Policy II		2
ECO 465	Economics Planning II		2
<b>Required Ancillary Courses</b>			
EDU 442	Measurement and Evaluation		2
			18
<b>Four-Year Standard Programme in Adult Education/English</b>			
<b>FIRST YEAR</b>			
<b>First Semester</b>			
CODE	TITLE.		UNITS
<b>Major Courses</b>			
ADE 101	Introduction to Adult and Non-Formal Education		2
ADE 111	Adult Learning and Group Behaviour		2
ADE 131	Structures in Adult Education		2
ADE 151	Introduction to Distance Education		2
ELS 121	Basic Grammar & Composition		3
LIN 141	Introduction to General Linguistics I		3
<b>General Studies Courses</b>			
GSP 101	Use of English I		2
GSP 105	Natural Sciences I		2
GSP 111	Use of Library		2
<b>Required Ancillary Courses</b>			
EDU 103	History of Education		2
			22
<b>Second Semester</b>			
CODE	TITLE.		UNITS
<b>Major Courses</b>			
ADE 122	Introduction to Community Development		2
ADE 132	History of Adult Edu. in Industrialized Countries		2
ADE 142	Special Methods of Teaching Adults		2
LIN 140	Introduction to General Linguistics II		3
ELS 140	Introduction to Drama		3
<b>Required Ancillary Courses</b>			
EDU 206	Sociology of Education		2
<b>General Studies Courses</b>			
GSP 102	Use of English II		2
GSP 106	Natural Sciences II		2
			18
<b>Second Year</b>			
<b>First Semester</b>			
CODE	TITLE.		UNITS
<b>Major Courses</b>			

ADE 201	Philosophy of Adult Education	2
ADE 251	Foundation of Extension Education	2
ELS 241	English Literature; The Beginning	3
ELS 242	English Literature: The Renaissance Period	3
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
<b>General Studies Courses</b>		
GSP 207	Humanities I	2
GSP 201	Peace and Conflict Resolution I	2
		21
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<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 272	Data Processing in Adult Education	2
ELS 222	Intermediate English Grammar and Composition	3
ELS 231	History of Theatres Aeschylus to Shakespeare	3
<b>Required Ancillary Courses</b>		
EDU 224	Educational Technology	2
EDU 221	Curriculum Theory and Planning	3
<b>General Studies Courses</b>		
GSP 202	Peace and Conflict Resolution II	2
GSP 208	Humanities II	2
		19
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<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 311	Special education for Handicapped Adults	2
ADE 313	Learning Teaching and Communication	2
ADE 371	Research and Evaluation in Adult Education	2
ELS 321	Comparative Grammar	3
ELS 355	African Poetry	3
<b>Required Ancillary Courses</b>		
EDU 321	Curriculum Development, Theory and Planning	3
EDU 311	Educational Psychology II	2
CED 341	Introduction to Entrepreneurship	2
		19
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<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 336	Principles of Adult Education	2
ADE 342	Resources in Literacy Education	2
ELS 336	African Drama	3
ELS 342	English Literature: Victoria Period	3
<b>Required Ancillary Courses</b>		
COS 304	Computer Application	2
CED 342	Business Development and Management	2
EDU 306	Teaching Practice I	3
		17
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<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 431	Current Issues & Problems in Adult Education	2
ADE 451	Contemporary Issues in D.E.	2
ADE 481	Seminar	2

		Programmes	439
ELS 322	Advanced Prose Composition		3
ELS 344	African Fiction		3
ELS 452	Studies in Poetry		3
<b>Required Ancillary Courses</b>			
EDU 411	Educational Psychology III		2
EDU 403	Teaching Practice I		3
			20
<b>Second Semester</b>			
CODE	TITLE.		UNITS
<b>Major Courses</b>			
ADE 430	Professional Development of Adult Educators		2
ADE 472	Case Studies in Adult Education		2
ADE 490	Project		4
ELS 427	Workshop in Creative Writing		3
ELS 433	Studies in Drama		3
ELS 441	Studies in Fiction		3
<b>Required Ancillary Courses</b>			
EDU 442	Measurement and Evaluation		2
			19
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<b>Three-Year Standard Programme in Adult Education/English</b>			
<b>First Year</b>			
<b>First Semester</b>			
CODE	TITLE.		UNITS
<b>Major Courses</b>			
ADE 201	Philosophy of Adult Education		2
ADE 251	Foundation of Extension Education		2
ELS 241	English Literature; The Beginning		3
ELS 242	English Literature: The Renaissance Period		3
<b>Required Ancillary Courses</b>			
COS 101	Introduction to Computer Science		2
EDU 211	Educational Psychology I		2
EDU 221	Curriculum Theory and Planning		3
<b>General Studies Courses</b>			
GSP 207	Humanities I		2
GSP 201	Peace and Conflict Resolution I		2
			21
<hr/>			
<b>Second Semester</b>			
CODE	TITLE.		UNITS
<b>Major Courses</b>			
ADE 206	Practicum in Adult Education		2
ADE 272	Data Processing in Adult Education		2
ELS 222	Intermediate English Grammar and Composition		3
ELS 231	History of Theatres Aeschylus to Shakespeare		3
<b>Required Ancillary Courses</b>			
EDU 224	Educational Technology		2
EDU 221	Curriculum Theory and Planning		3
<b>General Studies Courses</b>			
GSP 202	Peace and Conflict Resolution II		2
GSP 208	Humanities II		2
			19
<hr/>			
<b>Second Year</b>			
<b>First Semester</b>			
CODE	TITLE.		UNITS
<b>Major Courses</b>			
ADE 311	Special education for Handicapped Adults		2
ADE 313	Learning Teaching and Communication		2
ADE 371	Research and Evaluation in Adult Education		2
ELS 321	Comparative Grammar		3
ELS 355	African Poetry		3

**Required Ancillary Courses**

EDU 321	Curriculum Development, Theory and Planning	3
EDU 311	Educational Psychology II	2
CED 341	Introduction to Entrepreneurship	2
		<hr/> 19

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 336	Principles of Adult Education	2
ADE 342	Resources in Literacy Education	2
ELS 336	African Drama	3
ELS 342	English Literature: Victoria Period	3

**Required Ancillary Courses**

COS 304	Computer Application	2
CED 342	Business Development and Management	2
EDU 306	Teaching Practice I	3
		<hr/> 17

**Third Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 431	Current Issues & Problems in Adult Education	2
ADE 451	Contemporary Issues in D.E.	2
ADE 481	Seminar	2
ELS 322	Advanced Prose Composition	3
ELS 344	African Fiction	3
ELS 452	Studies in Poetry	3

**Required Ancillary Courses**

EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice I	3
		<hr/> 20

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 430	Professional Development of Adult Educators	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
ELS 427	Workshop in Creative Writing	3
ELS 433	Studies in Drama	3
ELS 441	Studies in Fiction	3

**Required Ancillary Courses**

EDU 442	Measurement and Evaluation	2
		<hr/> 19

**Four-Year Standard Programme in Adult Education/Government****FIRST YEAR****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 101	Introduction to Adult and Non-formal Education	2
ADE 111	Adult Learning and Group Behaviour	2
ADE 121	Adult Education and Community Development	2
ADE 131	Structures in Adult Education	2
POL 101	Introduction to Political Science I	2
POL 112	Nigerian Constitutional Development	2
POL 114	Law and Politics in Nigeria I	2

**Required Ancillary Courses**

EDU 103	History of Education	2
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**General Studies Courses**

GSP 101	Use of English I	2
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<i>Programmes</i>		441
GSP 105	Natural Science I	2
GSP 111	Use of Library	2
		22
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 122	Introduction to Community Development	2
ADE 144	Adult Literacy: Methods and Practice I	2
ADE 152	Foundation of Instructional Design	2
POL 102	Introduction to Political Science II	2
POL 111	Introduction to African Politics	3
POL 113	Organization of Government: The Citizen and the State	2
POL 115	Law and Politics in Nigeria II	2
<b>Required Ancillary Courses</b>		
EDU 206	Sociology of Education	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
GSP 106	Natural Sciences II	2
		21
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 201	Philosophy of Adult Education	2
ADE 251	Foundation of Extension Education	2
POL 211	Nigerian Government and Politics I	2
POL 214	Introduction to Comparative Politics	3
POL 231	Principles of Public Administration	3
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
<b>General Studies Courses</b>		
GSP 201	Peace and Conflict Resolution I	2
GSP 207	Humanities I	2
		23
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 232	Politics in the Administration of Adult Education	2
ADE 272	Data Processing in Adult Education	2
POL 212	Nigerian Government and Politics II	3
POL 213	Introduction to Local Education	3
<b>Required Ancillary Courses</b>		
EDU 224	Educational Technology	2
<b>General Studies Courses</b>		
GSP 202	Peace and Conflict Resolution II	2
GSP 208	Humanities II	2
		18
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 311	Special Education for Handicapped Adults	2
ADE 313	Learning Teaching and Communication	2
ADE 371	Research and Evaluation in Adult Education	2
POL 341	Politics of Development and Underdevelopment	3
POL 351	History of Political Theory I	2

**Required Ancillary Courses**

CED 341	Introduction to Entrepreneurship	2
EDU 311	Educational Psychology II	2
EDU 321	Curriculum Development, Theory and Planning	3
		18

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 320	Adult Education and Society I	2
ADE 330	Non-formal Education and Cooperative Movements	2
ECO 392	Research Methods in Economics II	2
POL 301	Political Behaviour	2
POL 311	Comparative Federalism	2
POL 352	History of Political Thought II	2

**Required Ancillary Courses**

COS 304	Computer Application	2
CED 342	Business Development and Management	2
EDU 306	Teaching Practice I	3
		19

**Fourth Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 411	Motivation in Adult Education	2
ADE 431	Current Issues and Problems in Adult Education	2
ADE 443	Adult Literacy: Methods and Practice II	2
ADE 451	Contemporary Issues in Distance Education	2
ADE 481	Seminar	2
POL 411	Military and Politics	3
POL 413	Nigerian Local Government	2

**Required Ancillary Courses**

EDU 411	Educational Psychology II	2
EDU 403	Teaching Practice II	3
		20

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 420	Adult Education and Society II	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
POL 412	Politics and Law in Africa	4
POL 414	Political Parties and Pressure Groups	3
POL 441	State and Economy	3

**Required Ancillary Courses**

EDU 442	Measurement and Evaluation	2
		20

**Three-Year Standard Programme in Adult Education/Government****First Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 201	Philosophy of Adult Education	2
ADE 251	Foundation of Extension Education	2
POL 211	Nigerian Government and Politics I	2
POL 214	Introduction to Comparative Politics	3
POL 231	Principles of Public Administration	3

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
EDU 211	Educational Psychology I	2

<i>Programmes</i>		443
EDU 221	Curriculum Theory and Planning	3
<b>General Studies Courses</b>		
GSP 201	Peace and Conflict Resolution I	2
GSP 207	Humanities I	2
		23
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 232	Politics in the Administration of Adult Education	2
ADE 272	Data Processing in Adult Education	2
POL 212	Nigerian Government and Politics II	3
POL 213	Introduction to Local Education	3
<b>Required Ancillary Courses</b>		
EDU 224	Educational Technology	2
<b>General Studies Courses</b>		
GSP 202	Peace and Conflict Resolution II	2
GSP 208	Humanities II	2
		18
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 311	Special Education for Handicapped Adults	2
ADE 313	Learning Teaching and Communication	2
ADE 371	Research and Evaluation in Adult Education	2
POL 341	Politics of Development and Underdevelopment	3
POL 351	History of Political Theory I	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
EDU 311	Educational Psychology II	2
EDU 321	Curriculum Development, Theory and Planning	3
		18
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 320	Adult Education and Society I	2
ADE 330	Non-formal Education and Cooperative Movements	2
ECO 392	Research Methods in Economics II	2
POL 301	Political Behaviour	2
POL 311	Comparative Federalism	2
POL 352	History of Political Thought II	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Application	2
CED 342	Business Development and Management	2
EDU 306	Teaching Practice I	3
		19
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 411	Motivation in Adult Education	2
ADE 431	Current Issues and Problems in Adult Education	2
ADE 443	Adult Literacy: Methods and Practice II	2
ADE 451	Contemporary Issues in Distance Education	2
ADE 481	Seminar	2
POL 411	Military and Politics	3
POL 413	Nigerian Local Government	2
<b>Required Ancillary Courses</b>		

EDU 411	Educational Psychology II	2
EDU 403	Teaching Practice II	3
		20

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 420	Adult Education and Society II	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
POL 412	Politics and Law in Africa	4
POL 414	Political Parties and Pressure Groups	3
POL 441	State and Economy	3

**Required Ancillary Courses**

EDU 442	Measurement and Evaluation	2
		20

**Four-Year Standard Programme in Adult Education/Health Education****First Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 101	Introduction to Adult and Non-Formal Education	2
ADE 111	Adult Learning and Group Behaviour	2
ADE 121	Adult Education and Community Development	2
ADE 151	Introduction to Distance Education	2
HED 101	History and Philosophy of Health Education	2
HED 171	Human Growth and Development	2

**Required Ancillary Courses**

BIO 151	General Biology I	3
EDU 103	History of Education	2

**General Studies Courses**

GSP 101	Use of English I	2
GSP 105	Natural Science I	2
GSP 111	Use of Library	2
		23

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 122	Introduction to Community Development	2
ADE 132	History of Adult Education in Industrialized Countries	2
ADE 144	Adult Literacy: Methods and Practice I	2
HED 156	Nutrition Education	2
HED 162	Environmental health and Industrial Hygiene	2
HED 164	Community Health	2

**Required Ancillary Courses**

BIO 152	General Biology II	3
BIO 154	General Biology III (Practical)	2
EDU 206	Sociology of Education	2

**General Studies Courses**

GSP 102	Use English II	2
GSP 106	Natural Science II	2
		23

**Second Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 201	Philosophy of Adult Education	2
ADE 231	Policy and Design in Adult Education	2
ADE 251	Foundation of Extension Education	2
HED 175	Personal Health & Health of University Students	2



HED 265	Special Methods and Materials in Health Education	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
<b>General Studies Courses</b>		
GSP 201	Peace and Conflict Resolution I	2
GSP 207	Humanities I	2
		21
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 232	Politics in the Administration of Adult Education	2
ADE 272	Data Processing in Adult Education	2
HED 252	Communicable and Non-Communicable Diseases	2
HED 272	Human Anatomy and Physiology I	2
HED 274	Emotional, Mental and Social Health	2
<b>Required Ancillary Courses</b>		
EDU 224	Educational Technology	2
<b>General Studies Courses</b>		
GSP 202	Peace and Conflict Resolution II	2
GSP 208	Humanities II	2
		18
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 311	Special Education for Handicapped Adults	2
ADE 313	Learning Teaching and Communication	2
ADE 371	Research and Evaluation in Adult Education	2
HED 353	Drug, Alcohol & Tobacco Education	2
HED 363	Life Skills in Health Education	2
HED 373	Adolescent and Adult Health	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
EDU 311	Educational Psychology II	2
EDU 321	Curriculum Development, Theory and Planning	3
		19
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 322	Approaches to Rural Development	2
ADE 330	Non-formal education & Cooperative Movement	2
HED 356	First Aid and Safety Education	2
HED 366	Communication Skills in Health Education	2
HED 372	Human Anatomy & Physiology II	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Application	2
CED 342	Business Development and Management	2
EDU 306	Teaching Practice I	3
		17
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 411	Motivation in Adult Education	2
ADE 431	Current Issues and Problems in Adult Education	2
ADE 443	Adult Literacy: Methods and Practice II	2

ADE 451	Contemporary Issues in Distance Education	2
ADE 481	Seminar	2
HED 467	Curriculum Development and Innovations in Health Education	2
HED 453	Health Care Delivery Systems	2
<b>Required Ancillary Courses</b>		
EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice II	3
		19
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<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 424	Rural Education and National Development	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
HED 454	Population Education	2
HED 456	Ageing and Death Education	2
HED 462	Occupational Health	2
HED 466	Contemp. Health Prog., Issues and Problems in Health Edu.	2
<b>Required Ancillary Courses</b>		
EDU 442	Measurement and Evaluation	2
		18
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<b>Three-Year Standard Programme in Adult Education/Health Education</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 201	Philosophy of Adult Education	2
ADE 231	Policy and Design in Adult Education	2
ADE 251	Foundation of Extension Education	2
HED 175	Personal Health & Health of University Students	2
HED 265	Special Methods and Materials in Health Education	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
<b>General Studies Courses</b>		
GSP 201	Peace and Conflict Resolution I	2
GSP 207	Humanities I	2
		21
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<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 232	Politics in the Administration of Adult Education	2
ADE 272	Data Processing in Adult Education	2
HED 252	Communicable and Non-Communicable Diseases	2
HED 272	Human Anatomy and Physiology I	2
HED 274	Emotional, Mental and Social Health	2
<b>Required Ancillary Courses</b>		
EDU 224	Educational Technology	2
<b>General Studies Courses</b>		
GSP 202	Peace and Conflict Resolution II	2
GSP 208	Humanities II	2
		18
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<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 311	Special Education for Handicapped Adults	2

<i>Programmes</i>		447
ADE 313	Learning Teaching and Communication	2
ADE 371	Research and Evaluation in Adult Education	2
HED 353	Drug, Alcohol & Tobacco Education	2
HED 363	Life Skills in Health Education	2
HED 373	Adolescent and Adult Health	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
EDU 311	Educational Psychology II	2
EDU 321	Curriculum Development, Theory and Planning	3
		19
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 322	Approaches to Rural Development	2
ADE 330	Non-formal education & Cooperative Movement	2
HED 356	First Aid and Safety Education	2
HED 366	Communication Skills in Health Education	2
HED 372	Human Anatomy & Physiology II	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Application	2
CED 342	Business Development and Management	2
EDU 306	Teaching Practice I	3
		17
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 411	Motivation in Adult Education	2
ADE 431	Current Issues and Problems in Adult Education	2
ADE 443	Adult Literacy: Methods and Practice II	2
ADE 451	Contemporary Issues in Distance Education	2
ADE 481	Seminar	2
HED 467	Curriculum Development and Innovations in Health Education	2
HED 453	Health Care Delivery Systems	2
<b>Required Ancillary Courses</b>		
EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice II	3
		19
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 424	Rural Education and National Development	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
HED 454	Population Education	2
HED 456	Ageing and Death Education	2
HED 462	Occupational Health	2
HED 466	Contemp. Health Prog., Issues and Problems in Health Edu.	2
<b>Required Ancillary Courses</b>		
EDU 442	Measurement and Evaluation	2
		18
<b>Four-Year Standard Programme in Adult Education &amp; Igbo/Linguistics</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 101	Introduction to Adult and Non-Formal Education	2
ADE 111	Adult Learning and Group Behaviour	2

ADE 151	Introduction to D. E.	2
ADE 131	Structures in Adult Education	2
IGB 105	Advanced Composition and Comprehension	2
LIN 141	Introduction to Linguistics I	2
LIN 143	Introduction to General Phonetics I	2
<b>Required Ancillary Courses</b>		
EDU 103	History of Education	2
<b>General Studies Courses</b>		
GSP 101	Use of English I	2
GSP 105	Natural Sciences I	2
GSP 111	Use of Library	2
		<hr/> 22
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 122	Introduction to Community Development	2
ADE 144	Adult Literacy Methods & Practice I	2
ADE 152	Foundations of Instructional design	2
IGB 142	Introduction to Linguistics II	2
LIN. 106	Advanced Composition and Comprehension II	2
LIN. 144	Introduction to General Phonetics II	3
<b>Required Ancillary Courses</b>		
EDU 206	Sociology of Education	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
GSP 106	Natural Sciences II	2
		<hr/> 19
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 201	Philosophy of Adult Education	2
ADE 251	Foundations of Extension Education	2
LIN. 241	Introduction to Phonology	2
LIN. 243	Phonetics of English and Nigerian Language	2
LIN. 245	Introduction to Morphology	3
<b>Required Ancillary Courses</b>		
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Development: Theory and Planning	3
COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 207	Humanities I	2
GSP 201	Peace and Conflict Resolution	2
		<hr/> 22
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 272	Data Processing in Adult Education	2
IGBO 202	Igbo Phonology	2
IGBO 204	Igbo Morphology	2
IGBO 206	Igbo Syntax 1	2
IGBO 212	Introduction to Igbo Written Literature	2
<b>Required Ancillary Courses</b>		
EDU 224	Educational Technology	2
EDU 306	Teaching Practice I	3
<b>General Studies Courses</b>		
GSP 202	Peace and Conflict Resolution	2
GSP 208	Humanities II	2
		<hr/> 21

**Third Year****First Semester**

CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 313	Learning Teaching and Communication	2
ADE 371	Research and Evaluation in Adult Education	2
IGBO 305	Igbo Dialects	3
IGBO 313	Introduction to Igbo Drama	3
LING 381	Introduction to African Linguistics	3
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
EDU 311	Education Psychology II	2
EDU 321	Curriculum Implementation and Instruction	3
		20

**Second Semester**

CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 322	Approaches to Rural Development	2
ADE 336	Principles of Adult Education	2
ADE 356	Instructional Design in D. E.	2
IGBO 306	Igbo Syntax II	3
LING. 390	Field Methods and Research Methodology	3
<b>Required Ancillary Courses</b>		
COS 304	Curriculum Theory and Planning	3
CED 342	Business Development and Management	2
		17

**Fourth Year****First Semester**

CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 411	Motivation in Adult Education	2
ADE 443	Adult Literacy: Methods and Practice II	2
ADE 481	Seminar	2
IGBO 403	Topics in Igbo Phonology	3
IGBO 413	Igbo Stylists	3
LING 441	Semantics	3
<b>Required Ancillary Courses</b>		
EDU 411	Educational Psychology II	2
EDU 403	Teaching Practice II	3
		20

**Second Semester**

CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 430	Professional Development of Adult Educators	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
IGBO 404	Topics in Igbo Syntax	3
IGBO 416	Contemporary Igbo Poetry	3
LING 462	Theory and Practice of Translation	3
<b>Required Ancillary Courses</b>		
EDU 442	Measurement and Evaluation	2
		19

**Three-Year Standard Programme in Adult Education & Igbo/Linguistics****First Year****First Semester**

CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 201	Philosophy of Adult Education	2

ADE 251	Foundations of Extension Education	2
LIN. 241	Introduction to Phonology	2
LIN. 243	Phonetics of English and Nigerian Language	2
LIN. 245	Introduction to Morphology	3
<b>Required Ancillary Courses</b>		
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Development: Theory and Planning	3
COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 207	Humanities I	2
GSP 201	Peace and Conflict Resolution	2
		<hr/> 22
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 272	Data Processing in Adult Education	2
IGBO 202	Igbo Phonology	2
IGBO 204	Igbo Morphology	2
IGBO 206	Igbo Syntax I	2
IGBO 212	Introduction to Igbo Written Literature	2
<b>Required Ancillary Courses</b>		
EDU 224	Educational Technology	2
EDU 306	Teaching Practice I	3
<b>General Studies Courses</b>		
GSP 202	Peace and Conflict Resolution	2
GSP 208	Humanities II	2
		<hr/> 21
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 313	Learning Teaching and Communication	2
ADE 371	Research and Evaluation in Adult Education	2
IGBO 305	Igbo Dialects	3
IGBO 313	Introduction to Igbo Drama	3
LING 381	Introduction to African Linguistics	3
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
EDU 311	Education Psychology II	2
EDU 321	Curriculum Implementation and Instruction	3
		<hr/> 20
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 322	Approaches to Rural Development	2
ADE 336	Principles of Adult Education	2
ADE 356	Instructional Design in D. E.	2
IGBO 306	Igbo Syntax II	3
LING. 390	Field Methods and Research Methodology	3
<b>Required Ancillary Courses</b>		
COS 304	Curriculum Theory and Planning	3
CED 342	Business Development and Management	2
		<hr/> 17
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 411	Motivation in Adult Education	2

<i>Programmes</i>		451
ADE 443	Adult Literacy: Methods and Practice II	2
ADE 481	Seminar	2
IGBO 403	Topics in Igbo Phonology	3
IGBO 413	Igbo Stylists	3
LING 441	Semantics	3
<b>Required Ancillary Courses</b>		
EDU 411	Educational Psychology II	2
EDU 403	Teaching Practice II	3
		<hr/> 20
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 430	Professional Development of Adult Educators	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
IGBO 404	Topics in Igbo Syntax	3
IGBO 416	Contemporary Igbo Poetry	3
LING 462	Theory and Practice of Translation	3
<b>Required Ancillary Courses</b>		
EDU 442	Measurement and Evaluation	2
		<hr/> 19
<b>Four-Year Standard Programme in Adult Education/Religion</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 101	Introduction to Adult and Non-Formal Education	2
ADE 111	Adult Learning and Group Behaviour	2
ADE 151	Introduction to Distance Education	2
REL 104	An Introduction to Religious Thought	3
REL 151	Introduction To African Traditional Religion	3
REL. 124	The Background of the New Testament	3
<b>Required Ancillary Courses</b>		
EDU 103	History of Education	2
<b>General Studies Courses</b>		
GSP 101	Use of English I	2
GSP 105	Natural Science I	2
GSP 111	Use of Library	2
		<hr/> 23
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 132	History of Adult Edu. in Industrialized Countries	2
ADE 162	Adult education and Labour Dev. in Nigeria	2
ADE 144	Adult Literacy: Methods and Practice I	2
REL 101	Introduction to the Study of Religion	3
REL 125	The Tradition of Jesus	3
<b>Required Ancillary Courses</b>		
EDU 206	Sociology of Education	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
GSP 106	Natural Sciences II	2
		<hr/> 18
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 201	Philosophy of Adult Education	2
ADE 251	Foundations of Extension Education	2

REL 201	History of Religion	3
REL 301	Religious Interpretation of the Society	3
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
<b>General Studies Courses</b>		
GSP 207	Humanities I	2
GSP 201	Peace and Conflict Resolution I	2
		21
<hr/>		
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 232	Politics in the Administration of Adult Edu	2
ADE 272	Data Processing in Adult Education	2
REL 241	History of Islam in West Africa	3
REL 251	African Tradition Religion I	3
<b>Required Ancillary Courses</b>		
EDU 224	Educational Technology	2
<b>General Studies Courses</b>		
GSP 208	Humanities I	2
GSP 202	Peace and Conflict Resolution II	2
		18
<hr/>		
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 311	Special Education for Handicapped adults	2
ADE 313	Learning Teaching and Communication	2
ADE 371	Research and Evaluation in Adult Education	2
REL 323	New Testament Tests I	3
REL 351	African Traditional Religion II	3
<b>Required Ancillary Courses</b>		
EDU 321	Curriculum Development, Theory and Planning	3
EDU 311	Educational Psychology II	2
CED 341	Introduction to Entrepreneurship	2
		19
<hr/>		
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 332	Administration of Adult Edu.: Theory & Practice I	2
ADE 356	Instructional Design in D.E	2
REL 233	Religious Ethics I	2
REL 331	Christian History and Doctrine II	3
REL 333	Religious Ethics II	3
<b>Required Ancillary Courses</b>		
COS 304	Computer Application	2
CED 342	Business Development and Management	2
EDU 306	Teaching Practice I	3
		19
<hr/>		
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 443	Adult Literacy: Methods and Practice II	2
ADE 411	Motivation in Adult Education	2
ADE 481	Seminar	2
REL 332	History of Christianity in West Africa	3



<i>Programmes</i>		453
REL 431	Christian History and Doctrine II	3
REL 437	Modern African Religious Thoughts	3
<b>Required Ancillary Courses</b>		
EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice	3
		20
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 422	Rural Development Programming	2
ADE 432	Administration of Adult Edu.: Theory & Practice II	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
REL 333	Religious Ethics II	3
REL 422	New Testaments Text II	3
<b>Required Ancillary Courses</b>		
EDU 442	Measurement and Evaluation	2
		18
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 201	Philosophy of Adult Education	2
ADE 251	Foundations of Extension Education	2
REL 201	History of Religion	3
REL 301	Religious Interpretation of the Society	3
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
<b>General Studies Courses</b>		
GSP 207	Humanities I	2
GSP 201	Peace and Conflict Resolution I	2
		21
<b>Second Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 206	Practicum in Adult Education	2
ADE 232	Politics in the Administration of Adult Edu	2
ADE 272	Data Processing in Adult Education	2
REL 241	History of Islam in West Africa	3
REL 251	African Tradition Religion I	3
<b>Required Ancillary Courses</b>		
EDU 224	Educational Technology	2
<b>General Studies Courses</b>		
GSP 208	Humanities I	2
GSP 202	Peace and Conflict Resolution II	2
		18
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
ADE 311	Special Education for Handicapped adults	2
ADE 313	Learning Teaching and Communication	2
ADE 371	Research and Evaluation in Adult Education	2
REL 323	New Testament Tests I	3
REL 351	African Traditional Religion II	3
<b>Required Ancillary Courses</b>		
EDU 321	Curriculum Development, Theory and Planning	3

EDU 311	Educational Psychology II	2
CED 341	Introduction to Entrepreneurship	2
		19

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 332	Administration of Adult Edu.: Theory & Practice I	2
ADE 356	Instructional Design in D.E	2
REL 233	Religious Ethics I	2
REL 331	Christian History and Doctrine II	3
REL 333	Religious Ethics II	3

**Required Ancillary Courses**

COS 304	Computer Application	2
CED 342	Business Development and Management	2
EDU 306	Teaching Practice I	3
		19

**Third Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 443	Adult Literacy: Methods and Practice II	2
ADE 411	Motivation in Adult Education	2
ADE 481	Seminar	2
REL 332	History of Christianity in West Africa	3
REL 431	Christian History and Doctrine II	3
REL 437	Modern African Religious Thoughts	3

**Required Ancillary Courses**

EDU 411	Educational Psychology III	2
EDU 403	Teaching Practice	3
		20

**Second Semester**

CODE	TITLE.	UNITS
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**Major Courses**

ADE 422	Rural Development Programming	2
ADE 432	Administration of Adult Edu.: Theory & Practice II	2
ADE 472	Case Studies in Adult Education	2
ADE 490	Project	4
REL 333	Religious Ethics II	3
REL 422	New Testaments Text II	3

**Required Ancillary Courses**

EDU 442	Measurement and Evaluation	2
		18

**Department of Arts Education****Staff**

G. C. Offorma, B.A. (Ed), M.Ed., Ph.D. (Nigeria)	Professor
O. Nwafor, B.Sc. (Ed), M.Ed., Ph.D. (Nigeria)	Professor
Q. J. Nwoji, B.Ed., M.Ed., Ph.D. (Nigeria)	Professor
F. A. Okwo, B.Ed., M.Ed., Ph.D. (Ibadan)	Professor
U. C. Umo, B.A.Ed., M.Ed., Ph.D. (Nigeria)	Professor
P. N. Uzoegwu, B.A. (Ed) Ed/ M.Ed., Ph.D. (Nigeria)	Professor/Head 2014-2017
E. N. Oluikpe, B.A., PGDE, M.Ed., Ph.D. (Nigeria)	Professor/Head
R. Uchem, B.Sc. (Ife), M. A. (New York), Ph.D. (Indiana)	Senior Lecturer
U. Igboke, B.A, PGDE, PGD, M.Ed., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
J. U. Akabuogu, B.A. (Ed) (Port Harcourt), M.Ed., M.A., Ph.D. (Nigeria)	Senior Lecturer
T. O. Ofoegbu, B.Sc. (Ed), M.Ed., Ph.D. (Nigeria)	Senior Lecturer
E. N. Ogwu, B.Sc. (Ed) (Abraka), M.Sc. (Ife), M.Ed., Ph.D. (Botswana)	Senior Lecturer
E. N. Nwokenna, B.A. (Ed), M.A., M.Ed., Ph.D. (Nigeria)	Senior Lecturer
B. A. Ogboji, B.Ed. (Zaria), M.Ed., M.A., Ph.D. (Nigeria)	Lecturer I
U. Asogwa, B.A. (Ed), M.Ed., Ph.D. (Nigeria)	Lecturer I
M. O. Omeje, B.A. (Ed), M.Ed., Ph.D. (Nigeria)	Lecturer I

L. C. Ilechukwu, B.Phil., B. Theol. (Rome), Dip., M.A., Ph.D. (Frankfurt)	Lecturer I
C. I. Ibenegbu, B.A. (Ed), MFA (Awka), Ph.D. (Nigeria)	Lecturer I
K O. Eze, NCE, B.A. (Ed) (Nigeria)	Lecturer I
C. I. Egbe, B.A. (Ed), B.A., P.G.D., M.Ed., Ph.D. (Nigeria)	Lecturer I
F. Akubuilu, B.Sc. (Frankfurt), MBA (Sandiego) Ph.D. (California)	Lecturer I
A. C. Uloh-Bethels, B. A., M.Ed. (Nigeria)	Lecturer I
G. T. Onwuka, B.Ed., M.Ed., Ph.D. (Nigeria)	Lecturer I
R.I. Eze, M.ED., Ph.D. (Nigeria)	Lecturer I
E. O. Okon, B.A. (Ed), M.Ed. (Nigeria)	Lecturer I
F. U. Ude, NCE, B.A. (Ed), M.A., M.Ed. (Nigeria)	Lecturer I
O. S. Chineke, NCE, B.A. (Ed), M.A. (Nigeria)	Lecturer II
E.O. Ukoha, NCE, B.Ed., MA. (Ed.) (Nigeria)	Lecturer II
E. M. Nnadi, B.Ed., PG DIP, M.Ed. Ed. (Nigeria)	Lecturer II
P. C. Ukwueze, B.Ed., M.Ed. (Nigeria)	Lecturer II
C. N. Mbadimma, BA., MFA (Nigeria)	Lecturer II
C. F. Onwuasoanya, NCE, B.A., M.A., MFA (Nigeria)	Lecturer II
N. U. Emelogu, B.A. (Ed.) (Uturu), M.Ed. (Abuja) (Nigeria)	Assistant Lecturer
C.I Ogbu, M.Ed. (Imo State), BA. (Ed.), (Nigeria)	Assistant Lecturer
C. J. Ugwu, B.A. (Ed.), M.Ed. (Nigeria)	Assistant Lecturer
M. S. Ude, B.A. (Ed.), M.Ed. (Nigeria)	Assistant Lecturer
T. C. Chinyelugo, B.Sc.(Ed.), M.Ed. (Nigeria)	Assistant Lecturer
C. P. Patrick, B.A.(Ed) M.Ed. (Nigeria)	Assistant Lecturer
U. P. Ugwu, B.A, M.A. (Nigeria)	Assistant Lecturer
E. L. Ekwewuo, B.A, M.Ed. (Nigeria)	Assistant Lecturer
N. G. Okoyekwu, B.A Ed., M.Ed. (Nigeria)	Assistant Lecturer
C. K. Nwafor, B.Ed. (Nigeria)	Graduate Assistant
P. A. Agbo, B.A (Nigeria)	Graduate Assistant
C. R. Ossai, BA. (Nigeria)	Graduate Assistant
C. M. Menakaya, B.A. Ed. (Nigeria)	Graduate Assistant
B. N. Nwodo, B.Sc. (Nigeria)	Principal Technical Officer I
J. O. Ochi, B.Ed., M.Ed. (Nigeria)	Technical Instructor I
	Senior Data Processing Officer
R. U. Obioma	Higher Technical Officer
J. C. Ezebuike, B.Sc (Uli)	Curator II
C. D. Eneasato, B.A. (Nigeria)	Technical Instructor II
U. G. Ekeh, B.A. (Nigeria)	Technical Instructor II
C. V. Chubuzoh, B. A. (Nigeria)	Curator II
U. S. Nwamarah, B.A. (Nigeria)	Technical Instructor II
C. I. Mbajiogu, B.Ed. (Nigeria)	Higher Technical Officer II
P. I. Agbo, B.A. Ed. (Nigeria)	Higher Technical Officer II
G. C. Iwu, B.A. (Nigeria)	Higher Technical Officer II
U. O. Onuorah, B.Sc. (Owerri)	Higher Technical Officer II
N. S. Agugu, B.Ed. (Nigeria)	Higher Technical Officer II
B. N. Ogbochie, B.A.Ed. (Nigeria)	Higher Technical Officer II
O. J. Onwubuya, B.Ed. (Nigeria)	Higher Technical Officer II
B. I. Ezeh, B.Ed. (Nigeria)	Higher Technical Officer II
E. G. Anyanwu, B.A ED. (Nigeria)	Technical Instructor II
C. F. Anyanwu, B.Ed. (Nigeria)	Higher Technical Officer II
C. U Ezebuilo, N.C.E. (Nigeria)	Technical Officer II
O. D. Ojo, B.A.Ed.	Higher Technical Officer II
N. S. Oji, B.Sc. (Nigeria)	Assistant Executive Officer

### Philosophy

The philosophy of the department is in tandem with Nigerian Philosophy of Education which is to develop individuals into sound and effective citizens who will fully integrate themselves into the Nigerian Society. It is said that art is life. The programmes offered in the department are planned for maximum self-development, self-fulfilment and self-sufficiency of the students. They will also make their students, upon graduation, life-long learners. In other words, these programmes are designed to

expose students to a robust and rounded education for the training of the mind and equipping them with appropriate skills and competencies for them to live in and contribute to the development of their society.

There is also the need to produce competent arts teachers to teach at the different levels of education in Nigeria. As a result the students are equipped with the knowledge, skills, competencies and values, required to teach the art subjects.

### **Objectives**

The main objectives of the department are as follows:

1. To produce highly qualified and competent arts teachers.
2. To produce enough arts teachers who will teach the different art subjects in school.
3. To produce teachers who are professionals and educators with sound ethics.
4. To produce arts teachers with Information and Communication Technology skills and who can integrate them in teaching and learning.
5. To produce teachers who will be dedicated to finding solutions to the great challenges of arts education in Nigeria.
6. To produce teachers who have a well-informed knowledge of the different arts subject which they will apply in the advancement of the Nigerian society.
7. To enable the students acquire entrepreneurial and Information skills that would help them function effectively in the 21<sup>st</sup> century.
8. To produce arts teachers who can appreciate the values of the Nigerian society and inculcate them in the learners.
9. To produce teachers who are broad minded and can instil the spirit of tolerance in learners from diverse areas of Nigeria.

### **Scope**

The programmes offered in the Department of Arts Education are as follows:

1. Education and Creative Arts
2. Education/English
3. Education/Fine and Applied Arts
4. Education/French
5. Education/History
6. Education/Igbo Linguistics
7. Education/Music
8. Education/Religion

The theoretical and practical aspects of these programmes are explored in-depth to enable students acquire pedagogical and life skills for 21<sup>st</sup> Century existence.

The department runs a four and three – year standard degree programmes for students admitted through UTME or Direct Entry (DE). The students, in each category, undertake courses in the different arts subjects, education and teaching practice carried out in existing secondary schools around the University in their second, third and final years as applicable.

### **Entry Requirements**

In addition to the University general admission requirement, students are admitted into these programmes in two levels:

#### **1. UTME**

To qualify to be admitted into the programme in this mode, candidates must possess the West African School Certificate (WASC) or Senior Secondary School Certificate or the General Certificate of Education at ordinary level or their equivalence, with credit passes in at least five(5) subjects in not more than two sittings. One of these five subjects to be passed at credit level must be English Language and other arts subjects to be combined with education.

#### **2. DIRECT ENTRY (DE)**

To qualify for Direct Entry, candidates must have NCE or OND with at least merit pass in their art subjects' combination plus Five (5) credits including English Language at O'level.

### **Job Opportunities**

The programmes in the department are designed to produce professional teachers whose services are needed in the following establishments:

- Schools

- Ministries (Education, Internal Affairs, Foreign Affairs etc.)
- Banks
- Museums
- National Universities Commission
- Embassies
- National Commission for Colleges of Education
- Media Houses
- Airports, Oil and Motor Companies
- Arts Councils/Galleries
- Performing Arts Organisations

**Stress Areas**

Foundation Courses	0
Festivals and Cultures	1
Teaching Methods	2
Music and Cultures	3
Arts and Crafts	4
Children's Literature	5
Drama in Education	6
Entrepreneurship in Arts Education	7
Moral Education	8
Project	9

**Four-Year Standard Degree Programme in Education Cultural and Creative Arts****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 101	Introduction to Education	2
EDU 103	History of Education	2
EDA 101	Introduction to Creative Arts Education	2
EDA 103	Introduction to Creative Designs I	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
<b>Elective Courses: Choose Four Courses</b>		
TFS 101	Introduction to Drama and Theatre	3
MUS 141	African Music and Society I	2
ELS 131	Introduction to Oral Literature	3
MUS 161	Primary Instrument Study I	1
ELS 121	Basic English Grammar and Composition	3
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 201	The Social Sciences	2
		<u>19/20/21</u>

**Second Semester**

CODE		UNITS
<b>Major Courses</b>		
EDU 202	Philosophy of Education	2
EDA 146	Three Dimensional Designs in Education	2
<b>Required Ancillary Courses</b>		
TFS 102	Practice Participation Orientation	2
TFS 130	Basic Acting Skills	3
MUS 164	Performance Workshop II	1
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
		<u>14</u>

**Four-Year Standard Programme in Education Cultural & Creative Arts****Second Year****First Semester**

CODE		UNITS
<b>Major Courses</b>		
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
EDA 211	Festivals in Different Cultures	1
EDA 231	Music in Ceremonies	1
<b>Elective Courses: Choose Four Courses</b>		
TFS 221	Basic Costume & Make-up Design	2
TFS 231	Basic Non-Verbal Communication	2
FAA 201	Still-Life Drawing	2
FAA 231	Painting Composition	3
MUS 243	African Music and Society II	2
MUS 261	Primary Instrument Study II	1
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
CED 341	Introduction to Entrepreneurship	2
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
		20/21/22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 206	Sociology of Education	2
EDU 224	Educational Technology	2
EDA 222	Special Methods	3
EDA 232	Composition of Choreographic Dances and Occupational Rhythms	1
EDA 242	Three Dimensional Representations of Historical Objects	1
EDA 272	Local Resources in Craft Production	2
<b>Electives: Choose Two Courses</b>		
TFS 250	Fundamentals of Playwriting	2
TFS 260	Children's Theatre Education	3
FAA 202	Figure Drawing	2
MUS 264	Performance Workshop IV	1
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
<b>General Studies Courses</b>		
GSP 106	Natural Sciences II	2
		20/21/22
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 341	Research Methods, Statistics and Computer Usage	3
EDA 325	Teaching Practice I	3
EDA 341	Nigerian Folk Arts and Crafts	1
EDA 361	Dramatic Representations in Festival Events	2
<b>Elective Courses: Choose any Four Courses</b>		
TFS 341	Introduction to Directing	3
FAA 301	Draughtsmanship I	2
MUS 323	Composition	2
MUS 361	Primary Instrument Study III	1
TFS 301	Modern African Drama and Theatre	3
		17/19
<b>Second Semester</b>		
CODE		UNITS
<b>Major Courses</b>		
EDU 312	Educational Psychology II	2
EDU 322	Curriculum Implementation and Instruction	3
EDA 332	Music in Occupations	1

EDA 342	Nigerian Indigenous Arts	1
EDA 372	Crafts and Entrepreneurship	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	3
TFS 304	Basic Choreography and Kinaesthetic	3
FAA 302	Draughtsmanship II	2
MUS 324	Conductions and Performance Management	1
MUS 364	Performance Workshop VI	1
		19

**Fourth Year****First Semester**

CODE		UNITS
<b>Major Courses</b>		
EDU 411	Educational Psychology III	2
EDU 431	Classroom Organization and Management	2
EDA 425	Teaching Practice II	3
EDA 447	Moral Education	1
EDA 441	Nigerian Masks	1
<b>Required Ancillary Courses</b>		
TFS 411	Theories of Dramatic Criticism	3
FAA 401	Advanced Drawing I	2
MUS 461	Primary Instrument Study IV	2
		172

**Second Semester**

CODE		UNITS
<b>Major Courses</b>		
EDU 442	Measurement and Evaluation	2
EDA 424	Theories of Language Teaching	2
EDA 442	Nigerian Museums	1
EDA 452	Teaching Children's Literature	2
EDA 490	Project	4
<b>Elective Courses: Choose Two Courses</b>		
TFS 412	Studies in Dramatic Literature	3
FAA 402	Advanced Drawing II	3
MUS 464	Performance Workshop	3
		18/19

**Three-Year Standard Degree Programme in Education & Culture and Creative Arts****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
EDA 211	Festivals in Different Cultures	1
EDA 231	Music in Ceremonies	1
<b>Elective Courses: Choose Four Courses</b>		
TFS 221	Basic Costume & Make-up Design	2
TFS 231	Basic Non-Verbal Communication	2
FAA 201	Still-Life Drawing	2
FAA 231	Painting Composition	3
MUS 243	African Music and Society II	2
MUS 261	Primary Instrument Study II	1
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
CED 341	Introduction to Entrepreneurship	2
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2

20/21/22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 206	Sociology of Education	2
EDU 224	Educational Technology	2
EDA 222	Special Methods	3
EDA 232	Composition of Choreographic Dances and Occupational Rhythms	1
EDA 242	Three Dimensional Representations of Historical Objects	1
EDA 272	Local Resources in Craft Production	2
<b>Elective Courses: Choose Two Courses</b>		
TFS 250	Fundamentals of Playwriting	2
TFS 250	Children's Theatre Education	3
FAA 202	Figure Drawing	2
MUS 264	Performance Workshop IV	1
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
<b>General Studies Courses</b>		
GSP 106	Natural Sciences II	2
		<hr/> 20/21/22

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 341	Research Methods, Statistics and Computer Usage	3
EDA 325	Teaching Practice I	3
EDA 341	Nigerian Folk Arts and Crafts	1
3EQ 361	Dramatic Representations in Festival Events	2
<b>Elective Courses: Choose any Four Courses</b>		
TFS 341	Introduction to Directing	3
FAA 301	Draughtsmanship I	2
MUS 323	Composition	2
MUS 361	Primary Instrument Study III	1
TFS 301	Modern African Drama and Theatre	3
		<hr/> 17/19

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 312	Educational Psychology II	2
EDU 322	Curriculum Implementation and Instruction	3
EDA 332	Music in Occupations	1
EDA 342	Nigerian Indigenous Arts	1
EDA 372	Crafts and Entrepreneurship	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	3
TFS 304	Basic Choreograph and Kinaesthetic	3
FAA 302	Draughtsmanship II	2
MUS 324	Conductions and Performance Management	1
MUS 364	Performance Workshop VI	1
		<hr/> 19

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 411	Educational Psychology III	2
EDU 433	Classroom Organisation and Management	2
EDU 425	Teaching Practice II	3
EDA 447	Moral Education	1
EDA 441	Nigerian Masks	2
<b>Required Ancillary Courses</b>		
TFS 411	Theories of Dramatic Criticism	3
FAA 401	Advanced Drawing I	2



MUS 461 Primary Instrument Study IV

2  
17

**Second Semester**

CODE TITLE

UNITS

**Major Courses**

EDU 442 Measurement and Evaluation  
EDA 434 Theories of Language Teaching  
EDA 442 Nigerian Museums  
EDA 452 Teaching Children's Literature  
EDA 490 Project

2  
2  
1  
2  
4

**Elective Courses: Choose Two Courses**

THA 412 Studies in Dramatic Literature  
FAA 402 Advanced Drawing II  
MUS 464 Performance Workshop VIII

3  
3  
2

18/19

**Four-Year Standard Degree Programme in Education/English**

**First Year**

**First Semester**

CODE TITLE

UNITS

**Major Courses**

EDU 103 History of Education  
EDU 211 Educational Psychology I  
EDA 105 Introduction to Arts Education  
ELS 103 Introduction to African Literature  
ELS 121 Basic Grammar and Composition  
ELS 123 Introduction to Phonetics  
ELS 131 Introduction to Oral Literature

2  
2  
2  
2  
3  
2  
2

**Required Ancillary Courses**

LIN 141 Introduction to General Linguistics I

2

**General Studies Courses**

GSP 101 The Use of English I  
GSP 201 The Social Sciences

2  
2  
21

**Second Semester**

CODE TITLE

UNITS

**Major Courses**

EDU 206 Sociology of Education  
EDU 202 Philosophy of Education  
EDA 106 Arts Education and Culture  
ELS 140 Introduction to Drama  
ELS 150 Introduction to Poetry  
ELS 160 Introduction to Fiction

2  
2  
2  
3  
3  
3

**Required Ancillary Courses**

LIN 140 Introduction to General Linguistics II

2

**General Studies Courses**

GSP 102 The Use of English II  
GSP 202 Issues in Peace and Conflict Resolution

2  
2  
21

**Second Year**

**First Semester**

CODE TITLE

UNITS

**Major Courses**

EDU 213 School Guidance and Counselling  
EDU 221 Curriculum Theory and Planning  
ELS 211 American Literature: The Beginnings to the Romantic Movement  
ELS 213 English Literature: The Renaissance Period  
ELS 221 Spoken English/Lab Work

2  
2  
2  
3  
3

**Required Ancillary Courses**

COS 101 Introduction to Computer Science

2

CED 341	Introduction to Entrepreneurship	2
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
		18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 204	Comparative Education	2
EDU 224	Educational Technology	2
EDA 226	Language Skills	2
EDA 222	Special Methods	3
ELS 214	English Literature: Neo-Classical Period	3
ELS 222	Intermediate English Grammar and Composition	3
ELS 240	Comedy: Moliere to Soyinka	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
<b>General Studies Courses</b>		2
GSP 106	Natural Science II	2
		21
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 341	Research Methods, Statistics and Computer Usage	3
EDA 325	Teaching Practice I	3
ELS 311	English Literature: Romantic Movement	3
ELS 321	Advanced Prose Composition	3
ELS 351	African Poetry	3
ELS 361	African Fiction	3
		18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 312	Educational Psychology II	2
EDU 322	Curriculum Implementation and Instruction	3
EDA 316	Language Education	2
ELS 312	English Literature: Victorian Period	3
ELS 314	English Literature: Modern Period	3
ELS 340	African Drama	3
ELS 322	History of English	3
ELS 324	Phonology	3
		22
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 313	Adolescence and Education	2
EDU 411	Educational Psychology III	2
EDU 433	Classroom Organization and Management	2
EDA 447	Moral Education	1
EDA 425	Teaching Practice II	3
ELS 423	Comparative Grammar	3
ELS 425	Stylistics	3
ELS 461	Studies in Fiction	3
ELS 421	Morphology and Syntax	3
		22
<b>Second Semester</b>		
CODE	TITLE	UNITS

**Major Courses**

EDU 442	Measurement and Evaluation	2
EDA 424	Theories of Language Teaching and Learning	2
EDA 490	Project	4
ELS 440	Shakespeare	3
ELS 442	Studies in Drama	3
ELS 452	Studies in Poetry	3
ELS 422	Problems of English in West Africa	3
		18

**Three-Year Standard Degree Programme in Education/English****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 213	School Guidance and Counselling	2
EDU 221	Curriculum Theory and Planning	2
ELS 211	American Literature: The Beginnings to the Romantic Movement	2
ELS 213	English Literature: The Renaissance Period	3
ELS 221	Spoken English/Lab Work	3

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
CED 341	Introduction to Entrepreneurship	2

**General Studies Courses**

GSP 105	Natural Science I	2
		18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 204	Comparative Education	2
EDU 224	Educational Technology	2
EDA 226	Language Skills	2
EDA 222	Special Methods	3
ELS 214	English Literature: Neo-Classical Period	3
ELS 222	Intermediate English Grammar and Composition	3
ELS 240	Comedy: Moliere to Soyinka	2

**Required Ancillary Courses**

COS 304	Computer Applications	2
CED 342	Business Development and Management	2

**General Studies Courses**

GSP 106	Natural Science II	2
		21

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 341	Research Methods, Statistics and Computer Usage	3
EDA 325	Teaching Practice I	3
ELS 311	English Literature: Romantic Movement	3
ELS 321	Advanced Prose Composition	3
ELS 351	African Poetry	3
ELS 361	African Fiction	3
		18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 312	Educational Psychology II	2
EDU 322	Curriculum Implementation and Instruction	3
EDA 316	Language Education	2
ELS 312	English Literature: Victorian Period	3

ELS 314	English Literature: Modern Period	3
ELS 340	African Drama	3
ELS 322	History of English	3
ELS 324	Phonology	22

**Third Year )****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 411	Educational Psychology III	2
EDU 433	Classroom Organization and Management	2
EDA 313	Adolescence and Education	2
EDA 447	Moral Education	1
EDA 425	Teaching Practice II	3
ELS 423	Comparative Grammar	3
ELS 425	Stylistics	3
ELS 461	Studies in Fiction	3
ELS 421	Morphology and Syntax	3
		22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 442	Measurement and Evaluation	2
EDA 424	Theories of Language Teaching and Learning	2
EDA 490	Project	4
ELS 440	Shakespeare	3
ELS 442	Studies in Drama	3
ELS 452	Studies in Poetry	3
ELS 422	Problems of English in West Africa	3
		18

**Four-Year Standard Degree Programme in Education/Fine and Applied Arts****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 211	Educational Psychology I	2
EDU 101	Introduction to Education	2
FAA 101	Basic Drawing I	3
FAA 103	Two Dimensional Design I	3
FAA 105	Three Dimensional Design I	3

**General Studies Courses**

GSP 101	The Use of English I	2
GSP 201	The Social Sciences	2

**Required Ancillary Course**

COS 101	Introduction to Computer Science	2
		19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 102	History of Education	2
EDU 202	Philosophy of Education	2
EDU 224	Educational Technology	2
FAA 102	Basic Drawing II	3
FAA 104	Two Dimensional Design II	3
FAA 106	Three Dimensional Design II	2
FAA 122	Basic Photography	2

**General Studies Courses**

GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
		20

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
FAA 201	Still-Life Drawing	2
FAA 231	Introduction to Painting	2
FAA 241	Sculpture Processes: Modelling and Casting I	2
FAA 281	Historical Survey of Western and Oriental Art I	2
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
<b>Required Ancillary Course</b>		
CED 341	Introduction to Entrepreneurship	2
		17

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 206	Sociology of Education	2
EDU 312	Education Psychology II	2
EDA 222	Special Methods	3
FAA 202	Figure Drawing	2
FAA 262	Textile Design I	2
FAA 272	Ceramics: Throwing and Modelling	2
FAA 282	Historical Survey of Western and Oriental Art II	2
<b>General Studies Courses</b>		
GSP 106	Natural Science II	2
<b>Required Ancillary Course</b>		
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
		21

**Four-Year Standard Degree Programme in Education/Fine and Applied Arts****Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 341	Research Methods, Statistics and Computer Usage	3
EDA 325	Teaching Practice I	3
FAA	Special Subject Area (Select Course from Options)	3

**PAINTING OPTION****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 301	Draughtsmanship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 331	Oil/Water Based and other Media Exploration	2
FAA 333	Landscape & Still – Life Painting	3
FAA 335	Painting Theory I	2
FAA 337	Life Painting	2
FAA 339	Narrative Painting and Nigerian Painting Styles/Techniques	3
FAA 385	African Art I	2
		18

**SCULPTURE OPTION****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 301	Draughtsman ship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 341	Modelling and Casting II	3

FAA 343	Sculpture Theory	2
FAA 345	Exploration of Africa Sculpture Forms Ideas and Techniques	3
FAA 347	Utility Wood Sculpture	3
FAA 349	Outdoor Sculpture Project	3
FAA 385	African Art I	2
		<hr/> 20

**VISUAL COMMUNICATION DESIGN OPTION*****First Semester***

CODE	TITLE	UNITS
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***Major Courses***

FAA 301	Draughtsman ship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 321	Printmaking I	2
FAA 323	Creative Photography	2
FAA 325	Computer Graphics I	3
FAA 327	Visual Communication Design and Multimedia Visual Production	2
FAA 329	Visual Communication Design Theory I	2
FAA 385	African Art I	2
		<hr/> 18

**TEXTILE OPTION*****First Semester***

CODE	TITLE	UNITS
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***Major Courses***

FAA 301	Draughtsman ship I	2
FAA 303	Research Techniques in Fine and Applied Art	2
FAA 353	History of Costumes I	2
FAA 361	Textile Design II	3
FAA 363	Computer Aided Design I	3
FAA 365	Textile Theory I	2
FAA 367	Woven Structures and Fibres I	3
FAA 385	African Art I	2
		<hr/> 19

**FASHION DESIGN OPTION*****First Semester***

CODE	TITLE	UNITS
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***Major Courses***

FAA 301	Draughtsman ship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 351	Clothing Construction I	3
FAA 353	History of Costumes I	2
FAA 355	Fashion Design Illustration I	2
FAA 361	Textile Design II	3
FAA 363	Computer Aided Design I	3
FAA 365	Textile Theory I	2
FAA 385	African Art I	2
		<hr/> 21

**CERAMICS OPTION*****First Semester***

CODE	TITLE	UNITS
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***Major Courses***

FAA 301	Draughtsman ship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 370	Ceramics Theory I	2
FAA 371	Ceramics Throwing I	3
FAA 373	Special Ceramics	2
FAA 375	Exploration of Ceramic Forms and Ideas	3
FAA 377	Ceramics Modelling I	3
FAA 379	Industrial Ceramic Design I	2
FAA 385	African Art I	2

21

**ART HISTORY OPTION****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FAA 301	Draughtsman ship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 381	Historical Survey of Western and Oriental Art III	3
FAA 383	Aspects of Western Art	3
FAA 385	African Art I	2
FAA 387	Pre-Columbian and Oceanic Art and Culture	3
FAA 389	Study of Indigenous African Art and Architecture forms and Materials	3
		18

**Third Year****Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 322	Curriculum Implementation and Instruction	3
FAA SIWES	Not applicable to ED/FAA Students	
EDA	Special Option Area (Select Subjects in EDA Options)	10

**Required Ancillary Course**

COS 304	Computer Application II	2
		15

**Second Semester EDA Special Subject Options**

CODE	TITLE	UNITS
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**Major Courses**

EDA 242	Three Dimensional Representations of Historical Objects	3
EDA 272	Local Resources in Craft Production	3
EDA 342	Nigerian Indigenous Arts and Crafts	2
EDA 346	Art and Society	2
EDA 348	Aesthetics and Art Education	2
EDA 372	Crafts and Entrepreneurship	2
EDA 442	Nigerian Museum	2
EDA 448	Creativity and Art Education	2
EDA 462	Costumes and Body Adornment	2
		20

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 433	Classroom Organisation and Management Administration 2	2
EDA 425	Teaching Practice II	3
FAA	Special Subject Area (Select Course in One Option)	10

**FA Special Subject Option****PAINTING OPTION****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FAA 401	Advanced Drawing I	2
FAA 431	Advanced Oil Painting	3
FAA 433	Portrait Painting	2
FAA 435	Advanced Landscape Painting	2
FAA 437	Abstract and Conceptual Painting	3
FAA 439	Advanced Water Colour Painting	3
FAA 480	Fine Art Criticism I	2
FAA 487	African Art I	2
		20

**SCULPTURE OPTION****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 401	Advanced Drawing I	2
FAA 441	Sculpture Processes: Modelling & Casting	3
FAA 443	Sculpture Process: Carving II	3
FAA 445	Sculpture Theory II	2
FAA 447	Special Sculpture Project	3
FAA 449	Space Organization	2
FAA 480	Fine Art Criticism I	2
FAA 487	African Art I	2
		18
<b>VISUAL COMMUNICATION DESIGN OPTION</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 401	Advanced Drawing I	2
FAA 421	Printmaking II	3
FAA 423	Typography Design	
FAA 425	Computer Graphics II	3
FAA 427	Visual Communication Design III	3
FAA 429	Visual Communication Design Theory II	2
FAA 480	Fine Art Criticism I	2
FAA 487	African Art II	2
		20
<b>TEXTILE DESIGN OPTION</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 401	Advanced Drawing I	2
FAA 421	Printmaking II	3
FAA 453	History of Costumes II	2
FAA 461	Textile Design III	3
FAA 463	Woven Structures and Fibre II	3
FAA 465	Textile Design Theory II	2
FAA 467	Computer Aided Design II	3
FAA 480	Fine Art Criticism I	2
FAA 487	African Art I	2
		21
<b>FASHION DESIGN OPTION</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 401	Advanced Drawing II	2
FAA 451	Clothing Construction II	2
FAA 457	Pattern Drafting and Studio Practice I	3
FAA 445	Fashion Design Illustration II	3
FAA 459	History of Costumes II	2
FAA 465	Textile Theory II	2
FAA 467	Computer Aided Design II	3
FAA 480	Fine Art Criticism I	2
FAA 487	African Art II	2
		20
<b>CERAMIC DESIGN OPTION</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 401	Advanced Drawing I	2
FAA 470	Ceramics Theory II	2
FAA 471	Ceramics Throwing II	3



FAA 473	Kill Design and Firing	3
FAA 477	Ceramics Modelling II	3
FAA 479	Industrial Ceramic Design II	3
FAA 480	Fine Art Criticism I	2
FAA 487	African Art II	2
		20

**Electives: Choose Two Courses**

FAA 431	Advanced Oil Painting	3
FAA 439	Advanced Water Colour Paintings	3
FAA 441	Sculpture Process: Modelling & Casting	3
FAA 443	Sculpture Process: Carving II	3
FAA 421	Printmaking II	3
FAA 427	Visual Communication Design III	3
FAA 461	Textile Design III	3
FAA 471	Ceramics Throwing II	3
FAA 473	Industrial Ceramic Design II	3
FAA 457	Pattern Drafting & Studio Practice I	3
FAA 451	Clothing Construction II	3

**ART HISTORY OPTION****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 401	Advanced Drawing I	2
FAA 481	Special Readings in Art History I	3
FAA 480	Fine Art Criticism I	2
FAA 484	Advanced Field Exploration of African Art and Architectural Forms	3
FAA 487	African Arts II	2
FAA 488	Modern Western Art	3
FAA 489	Problems in African Art History	3
		18

**Fourth Year****Second Semester EDA Special Subject Options**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 412	Educational Psychology III	2
EDU 422	Measurement and Evaluation	2
EDA 490	Project	4
FAA	Special Subject Area (Select Courses from One Option)	14
		18

**Second Semester FAA Special Subject Options****PAINTING OPTION**

CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practice in Fine and Applied Arts	2
FAA 430	Advanced Painting & Colour Language	2
FAA 432	Advanced Life Painting	2
FAA 434	Human Image and Metaphor	2
FA 436	Mixed Media Painting	2
FAA 438	Painting Theory II	2
FAA 484	African Architecture	2
FAA 485	Modern African Art I	2
FAA 492	Project II	4
		22

**SCULPTURE OPTION**

CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practice in Fine and Applied Arts	2

FAA 442	Sculpture Mixed Media	3
FAA 444	Exploration of Sculpture Material & Process	3
FAA 446	Living Sculpture	2
FAA 484	African Architecture	2
FAA 485	Modern African Art I	2
FAA 492	Project II	4
		20

**VISUAL COMMUNICATION DESIGN OPTION**

CODE	TITLE	UNITS
<i>Major Courses</i>		
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practice in Fine and Applied Arts	2
FAA 422	Illustration, Editorial and Advertising Design	3
FAA 424	Production Design I	3
FAA 426	Colour and Design	2
FAA 4984	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4
		20

**TEXTILE DESIGN OPTION**

CODE	TITLE	UNITS
<i>Major Courses</i>		
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practice in Fine and Applied Arts	2
FAA 462	Explorations of Indigenous Textile Design Ideas, Forms and Materials	3
FAA 464	Woven Structures and Fibre III	2
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4
		20

**FASHION DESIGN OPTION**

CODE	TITLE	UNITS
<i>Major Courses</i>		
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practice in Fine and Applied Arts	2
FAA 458	Pattern Drafting and Studio Practice II	3
FAA 454	Explorations of Indigenous Fashion, Design Ideas, Forms	3
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4

**CERAMIC DESIGN OPTION**

CODE	TITLE	UNITS
<i>Major Courses</i>		
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practice in Fine and Applied Arts	2
FAA 472	Architectural Ceramics	2
FAA 474	Mixed Media Ceramics	2
FAA 475	Advanced Exploration of Ceramic Materials and Process	3
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4
		19

**ART EDUCATION OPTION**

CODE	TITLE	UNITS
<i>Major Courses</i>		
FAA 402	Advanced Drawing II	2
FAA 412	Curriculum and Instruction for Art Education	3
FAA 484	African Architecture	2
FAA 485	Modern African Art	2

FAA 492	Project II	4
<b>Required Ancillary Courses</b>		
EDU 211	Educational Psychology I	2
EDU 224	Educational Technology	2
<b>Elective Courses: Choose One Course (only)</b>		
EDU 316	Organization and Administration of Guidance Service	2
EDU 431	Educational Administration	2
		19

#### ART HISTORY OPTION

CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practice in Fine and Applied Arts	2
FAA 482	Special Readings in Art History II	3
FAA 483	Fine Art Criticism II	2
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4
		17

#### Three-Year Standard Degree Programme in Education/Fine & Applied Arts

##### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
FAA 201	Still-Life Drawing	2
FAA 231	Introduction to Painting	2
FAA 241	Sculpture Processes: Modelling and Casting	2
FAA 281	Historical Survey of Western and Oriental Art I	2
<b>General Studies Courses</b>		
GSP 101	Use of English I	2
GSP 201	The Social Sciences	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
		19

##### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 202	Philosophy of Education	2
EDU 224	Educational Technology	2
EDU 312	Educational Psychology II	2
EDA 222	Special Methods	3
FAA 202	Figure Drawing	2
FAA 262	Textile Design I	2
FAA 272	Ceramics: Throwing and Modelling I	2
FAA 282	Historical Survey of Western and Oriental Arts II	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
		21

##### Second Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 341	Research Methods, Statistics and Computer	3
EDA 325	Teaching Practice I	3
FAA	Special Subject Area (Select Course from Option One)	8
<b>General Studies Courses</b>		

GSP 105	Natural Science I	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
		18

**First Semester      FAA Special Subject Options****PAINTING OPTION****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 301	Draughtsmanship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 331	Oil/Water Based and other Media Exploration	2
FAA 333	Landscape & Still-Life Painting	2
FAA 335	Painting Theory I	2
FAA 337	Life Painting	2
FAA 339	Narrative Painting and Nigerian Painting Styles/Techniques	3
FAA 385	African Art I	2
		17

**SCULPTURE OPTION****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 301	Draughtsman ship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 341	Sculptural Processes: Modelling and Casting II	2
FAA 343	Sculpture Theory	2
FAA 345	Exploration of Africa Sculpture Ideas, Forms and Materials	3
FAA 347	Utility Wood Sculpture	3
FAA 349	Outdoor Sculpture Project	3
FAA 385	African Art I	2
		19

**VISUAL COMMUNICATION DESIGN OPTION****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 301	Draughtsman ship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 321	Printmaking I	2
FAA 323	Creative Photography	3
FAA 325	Computer Graphics I	3
FAA 327	Visual Communication Design and Multimedia Visual Production	3
FAA 329	Visual Communication Design Theory I	2
FAA 385	African Art I	2
		19

**TEXTILE OPTION****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 301	Draughtsman ship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 353	History of Costumes I	2
FAA 361	Textile Design II	3
FAA 363	Computer Aided Design I	3
FAA 365	Textile Theory I	2
FAA 367	Woven Structures and Fibres I	2
FAA 385	African Art I	2
		19

**FASHION DESIGN OPTION****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 301	Draughtsman ship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 351	Clothing Construction I	2
FAA 353	History of Costumes I	2
FAA 355	Fashion Design Illustration I	2
FAA 355	Textile Design II	3
FAA 363	Computer Aided Design I	3
FAA 365	Textile Theory I	2
FAA 385	African Art I	2
		<hr/> 21
<b>ERAMICS OPTION</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 301	Draughtsman ship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 370	Ceramics Theory I	2
FAA 371	Ceramics Throwing I	3
FAA 373	Special Ceramics	2
FAA 375	Exploration of Ceramic Ideas, Forms, and Materials	2
FAA 377	Ceramics Modelling I	3
FAA 379	Industrial Ceramics Design I	3
FAA 385	African Art I	2
		<hr/> 21
<b>ART HISTORY OPTION</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 301	Draughtsman ship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 370	Ceramics Theory I	2
FAA 371	Ceramics Throwing I	3
FAA 373	Special Ceramics	2
FAA 375	Exploration of Ceramic Ideas, Forms, and Materials	2
FAA 377	Ceramics Modelling I	3
FAA 379	Industrial Ceramics Design I	3
FAA 385	African Art I	2
		<hr/> 21
<b>ART HISTORY OPTION</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 301	Draughtsman ship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 370	Ceramics Theory I	2
FAA 371	Ceramics Throwing I	3
FAA 373	Special Ceramics	2
FAA 375	Exploration of Ceramic Ideas, Forms, and Materials	2
FAA 377	Ceramics Modelling I	3
FAA 379	Industrial Ceramics Design I	3
FAA 385	African Art I	2
		<hr/> 21
<b>ART HISTORY OPTION</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 301	Draughtsman ship I	2
FAA 303	Research Techniques in Fine and Applied Arts	2
FAA 381	Historical Survey of Western and Oriental Art III	3
FAA 383	Aspects of Western Art	3
FAA 385	African Art I	2
FAA 387	Pre-Columbian and Oceanic Art and Culture	3
		<hr/> 18
<b>Second Year</b>		
<b>SECOND SEMESTER</b>		
CODE	COURSE TITLE	
<b>MAJOR COURSES</b>		
EDU 206	Sociology of Education	2
EDU 322	Curriculum Implementation and Instruction	3
FAA SIWES	Not applicable to EDA/FAA Studies	
EDA	Special Option Area (Select Subjects in EDA Options)	8

**General Studies Courses**

GSP 106	Natural Sciences II	2
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**Required Ancillary Course**

CED 342	Business Development and Management	2
COS 304	Computer Applications II	2
		19

**Second Semester: EDA Special Subject Options**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDA 342	Three Dimensional Representations of Histological Objects	3
EDA 272	Local Resources in Craft Production	3
EDA 342	Nigerian Indigenous Arts and Crafts	2
EDA 346	Art and Society	2
EDA 348	Aesthetics and Art Education	2
EDA 372	Crafts and Entrepreneurship	2
EDA 442	Nigerian Museum	2
EDA 448	Creativity and Art Education	2
EDA 462	Costumes and Body Adornment	2
		20

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 433	Classroom Organisation and Management	2
EDU 425	Teaching Practice II	3
FAA	Special Subject Area (Select Course in one Option)	10
		15

**First Semester FAA Special Subject Options****Semester****PAINTING OPTION****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 401	Advanced Drawing I	2
FAA 431	Advanced Oil Painting	3
FAA 433	Portrait Painting	2
FAA 435	Advanced Landscape Painting	3
FAA 437	Abstract and Conceptual Painting	3
FAA 439	Advanced Water Colour Painting	3
FAA 480	Fine Art Criticism I	2
FAA 487	African Art I	2
		20

**SCULPTURE OPTION****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
FAA 401	Advanced Drawing I	2
FAA 441	Sculpture Processes: Modelling & Casting	3
FAA 443	Sculpture Process: Carving II	3
FAA 445	Sculpture Theory II	2
FAA 447	Special Sculpture Project	3
FAA 449	Space Organisation	3
FAA 480	Fine Art Criticism I	2
FAA 487	African Art I	2
		20

**VISUAL COMMUNICATION DESIGN OPTION****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		

FAA 401	Advanced Drawing I	2
FAA 421	Printmaking II	3
FAA 423	Typography Design	3
FAA 425	Computer Graphics II	3
FAA 427	Visual Communication Design III	3
FAA 429	Visual Communication Design Theory II	2
FAA 480	Fine Art Criticism I	2
FAA 487	African Art I	2
		<hr/> 20

**TEXTILE DESIGN OPTION*****First Semester***

CODE	TITLE	UNITS
<b><i>Major Courses</i></b>		
FAA 401	Advanced Drawing I	2
FAA 421	Printmaking II	3
FAA 453	History of Costumes II	2
FAA 461	Textile Design III	3
FAA 463	Woven Structures and Fibre II	3
FAA 465	Textile Design Theory II	2
FAA 467	Computer Aided Design II	2
FAA 480	Fine Art Criticism I	2
FAA 487	African Art I	2
		<hr/> 22

**FASHION DESIGN OPTION*****First Semester***

CODE	TITLE	UNITS
<b><i>Major Courses</i></b>		
FAA 401	Advanced Drawing I	2
FAA 451	Clothing Construction II	2
FAA 457	Pattern Drafting and Studio Practice I	3
FAA 445	Fashion Design Illustration II	3
FAA 459	History of Costumes II	2
FAA 465	Textile Design Theory II	2
FAA 467	Computer Aided Design II	2
FAA 480	Fine Art Criticism I	2
FAA 487	African Art I	2
		<hr/> 21

**CERAMIC DESIGN OPTION*****First Semester***

CODE	TITLE	UNITS
<b><i>Major Courses</i></b>		
FAA 401	Advanced Drawing I	2
FAA 470	Ceramics Theory II	2
FAA 471	Ceramic Throwing II	3
FAA 473	Kiln Design and Firing	3
FAA 473	Ceramics Modelling II	3
FAA 479	Industrial Ceramic Design II	3
FAA 480	Fine Art Criticism I	2
FAA 487	African Art I	2
		<hr/> 20

**Electives: Choose two Courses**

FAA 431	Advanced Oil Painting	3
FAA 439	Advanced Water Colour Paintings	3
FAA 441	Sculptured Process: Modelling & Casting	3
FAA 443	Sculpture Process: Carving II	3
FAA 421	Print Making II	3
FAA 427	Visual Communication Design III	3
FAA 451	Clothing Construction II	3
FAA 457	Pattern Drafting & Studio Practice I	3

FAA 461	Textile Design III	3
FAA 463	Woven Structure and Fibre	3
FAA 471	Ceramics Throwing II	3
FAA 479	Industrial Ceramic Design II	3

**ART HISTORY OPTION****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

FAA 401	Advanced Drawing I	2
FAA 481	Special Readings in Art History I	3
FAA 480	Fine Art Criticism I	2
FAA 484	Advanced Field Exploration of African Art & Architecture Forms	3
FAA 487	African Art II	2
FAA 488	Modern Western Art	3
FAA 489	Problems in African Art History	3
		18

**Third Year****Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 411	Educational Psychology III	2
EDU 433	Classroom Organisation and Management	2
EDU 490	Research Project	4
EDU 442	Measurement and Evaluation	2
FAA	Special Area (Select Courses from One Option)	10
		20

**Second Semester: FAA Special Subject Options****PAINTING OPTION**

CODE	TITLE	UNITS
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**Major Courses**

FAA 402	Advanced Drawing II	2
FAA 404	Professional Practice in Fine and Applied Arts	2
FAA 430	Advanced Painting & Colour Language	2
FAA 432	Advanced Life Painting	2
FAA 434	Human Image and Metaphor	2
FAA 436	Mixed Media Painting	2
FAA 438	Painting Theory II	2
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4

**SCULPTURE OPTION**

CODE	TITLE	UNITS
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**Major Courses**

FAA 402	Advanced Drawing II	2
FAA 404	Professional Practice in Fine and Applied Arts	2
FAA 442	Sculpture: Mixed Media	3
FAA 444	Exploration of Sculpture Material & Process	3
FAA 446	Living Sculpture	2
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4
		20

**VISUAL COMMUNICATION DESIGN OPTION**

CODE	TITLE	UNITS
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**Major Courses**

FAA 402	Advanced Drawing II	2
FAA 404	Professional Practice in Fine and Applied Arts	2
FAA 422	Illustration, Editorial and Advertising Design	2
FAA 424	Product Design I	3



FAA 426	Colour and Design	3
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4
		<hr/> 20
<b>TEXTILE DESIGN OPTION</b>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practice in Fine and Applied Arts	2
FAA 462	Exploration of Indigenous Textile Design Ideas, Forms and Materials	3
FAA 464	Woven Structures and Fibre III	3
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4
		<hr/> 18
<b>FASHION DESIGN OPTION</b>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practice in Fine and Applied Arts	2
FAA 458	Pattern Drafting and Studio Practice II	3
FAA 454	Exploration of Indigenous Textile Design Ideas, Forms and Materials	3
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4
		<hr/> 18
<b>CERAMICS DESIGN OPTION</b>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
FAA 402	Advanced Drawing II	2
FAA 404	Professional Practice in Fine and Applied Arts	2
FAA 472	Architecture Ceramics	2
FAA 474	Mixed Media Ceramics	2
FAA 474	Mixed Media Ceramics, Forms and Materials	2
FAA 475	Advanced Exploration of Ceramic Materials and Process	3
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4
		<hr/> 19
<b>ART EDUCATION OPTION</b>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
FAA 402	Advanced Drawing II	2
FAA 412	Curriculum and Instruction for Art Education	
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4
<b>Required Ancillary Courses</b>		
EDU 211	Educational Psychology I	
EDU 224	Educational Technology	
<i>Elective Courses: Choose One Course</i>		
EDU 316	Organization and Administration of Guidance Service	2
EDU 433	Classroom Organisation and Management	12
		<hr/> 19
<b>ART HISTORY OPTION</b>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
FAA 402	Advanced Drawing II	2

FAA 404	Professional Practice in Fine and Applied Arts	2
FAA 483	Fine Art Criticism II	2
FAA 482	Special Readings in Art History II	3
FAA 484	African Architecture	2
FAA 485	Modern African Art	2
FAA 492	Project II	4
		17

**Four-Year Standard Degree Programme in Education/French****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 103	History of Education	2
EDU 211	Educational Psychology I	2
EDA 105	Introduction to Arts Education	2
FRE 111	French Grammar I	2
FRE 121	Introduction to French Composition I	2
FRE 131	Readings in French I	2
FRE 161	Oral French I	2
<b>General Studies Courses</b>		
GSP 101	The use of English I	2
GSP 201	The Social Sciences	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
		20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 202	Philosophy of Education	2
EDA 106	Arts Education and Culture	2
FRE 112	French Grammar II	2
FRE 122	Introduction to French Composition II	2
FRE 132	Readings in French II	2
FRE 162	French Phonetics	2
FRE 164	Oral French II	2
<b>General Studies Courses</b>		
GSP 102	The use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
		20

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 221	Curriculum Theory and Planning	3
EDU 341	Research Methods, Statistics and Computer Usage	3
FRE 211	French Grammatical Structure	2
FRE 221	French Comprehension and Stylistics I	2
FRE 231	French Literatures in Perspectives I	1
FRE 233	World Literature in French	1
FRE 261	Oral Expression and Comprehension in French	2
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
		18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 224	Educational Technology	2
EDU 312	Educational Psychology II	2
EDA 204	Comparative Education	2
EDA 222	Special Methods	3
EDA 216	Language Skills	2
FRE 212	French Grammatical Structures II	2
FRE 222	Comprehensive and Stylistics II	1
FRE 234	French Literature in Perspectives II	1
FRE 252	Culture and Civilisation of Francophone Africa	2
FRE 254	French Club	1
FRE 262	French Phonetics and Phonology	1

**General Studies Courses**

GSP 106	Natural Science II	2
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**Required Ancillary Courses**

CED 342	Business Development and Management	2
		<hr/> 23

**Third Year – YEAR ABROAD****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDA 235	Teaching Practice I	3
FRE 311	Advanced Studies in French Grammar I	3
FRE 331	African Literature in French	3
FRE 333	Introduction to French Prose	2
FRE 341	Introduction to Translation I	3
FRE 351	Culture and Civilisation of France	2
FRE 361	Advanced Studies in French Phonetics	3
FRE 363	Communication Skills I	3
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

*FRE 312	Advanced Studies in French Grammar II	3
FRE 322	Essay Writing in French	3
FRE 334	French Literature of the 18 <sup>th</sup> Century	2
FRE 336	Literature and Philosophy	2
FRE 342	Introduction to Translation II	3
FRE 364	Communication Skills II	3
		<hr/> 16

\*This result should be worked separately from the Year Abroad results, since the students complete Teaching Practice I in the first semester before leaving for the Year Abroad Programme.

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 411	Educational Psychology III	2
EDU 433	Classroom Organization and Management	2
EDA 425	Teaching Practice II	3
EDA 447	Moral Education	1
FRE 411	Applied Linguistics I	1
FRE 421	Essay Writing in French	2
FRE 431	19 <sup>th</sup> Century French Literature	2
FRE 435	African Literature in French: Poetry and Theatre	2
FRE 437	Literary Criticism in French	1
FRE 411	Advanced Translation I	1
		<hr/> 17

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 322	Curriculum Implementation & Instruction	
EDU 442	Measurement and Evaluation	2
EDA 316	Language Education	2
EDA 490	Project	4
FRE 412	Applied Linguistics II	1
FRE 434	Contemporary French Literature	1
FRE 436	Francophone African Literature	2
FRE 422	Advanced Translation II	1
FRE 454	World Literature in Translation	2
FRE 462	Advanced Oral French	1
		19
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<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 421	Curriculum Theory and Planning	3
EDU 431	Research Methods, Statistics and Computer Usage	3
EDA 105	Introduction to Arts Education	2
FRE 211	French Grammatical Structures I	2
FRE 221	French Comprehension and Stylistics I	2
FRE 231	French Literatures in Perspectives I	1
FRE 233	World Literature in French	1
FRE 261	Oral Expression and Comprehension in French	2
<b>General Studies Courses</b>		
GSP 105	Natural Sciences I	2
GSP 201	The Social Sciences	2
CED 341	Introduction to Entrepreneurship	2
		22
<hr/>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 224	Educational Technology	2
EDA 106	Arts Education and Culture	2
EDA 216	Language Skills	2
EDA 222	Special Methods	3
FRE 212	French Grammatical Structures II	2
FRE 222	Comprehension and Stylistics II	1
FRE 234	French Literature in Perspectives II	1
FRE 252	Culture and Civilization of Francophone Africa	2
FRE 254	French Club	1
FRE 262	French Phonetics and Phonology	1
<b>General Studies Courses</b>		
GSP 106	Natural Science II	2
GSP 202	Issues in Peace and Conflict Studies	2
<b>Required Ancillary Courses</b>		
CED 342	Business Development and Management	2
		23
<hr/>		
<b>SECOND YEAR - ABROAD</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
*EDA 325	Teaching Practice I	3
FRE 311	Advanced Studies in French Grammar I	3
FRE 331	African Literature in French	3
FRE 333	Introduction to French Prose	2
FRE 431	Introduction to Translation I	3
FRE 351	Culture and Civilization of France	2
FRE 361	Advanced Studies in French Phonetics	3

FRE 363	Communication Skills I	3
		22
<hr/>		
* As above		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
FRE 312	Advanced Studies in French Grammar II	3
FRE 322	Essay writing in French	3
FRE 334	French Literature of the 18 <sup>th</sup> Century	2
FRE 336	Literature and Philosophy	2
FRE 342	Introduction to Translation II	3
FRE 364	Communication Skills II	3
		17
<hr/>		
*As above		
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 411	Educational Psychology III	3
EDU 441	Measurement and Evaluation	2
EDA 425	Teaching Practice II	3
EDA 447	Moral Education	2
FRE 411	Applied Linguistics I	2
FRE 421	Essay Writing in French	2
FRE 431	19 <sup>th</sup> Century French Literature	2
FRE 435	African Literature in French: Poetry and Theatre	2
FRE 437	Literary Criticism in French	1
FRE 441	Advanced Translation I	1
		19
<hr/>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 322	Curriculum Implementation & Instruction	3
EDU 442	Measurement and Evaluation	2
EDA 316	Language Education	2
EDA 490	Project	4
FRE 412	Applied Linguistics II	1
FRE 434	Contemporary French Literature	1
FRE 436	Francophone African Literature	2
FRE 422	Advanced Translation II	1
FRE 454	World Literature in Translation	2
FRE 462	Advanced Oral French	1
		19
<hr/>		
<b>Four-Year Standard Degree Programme in Education/History &amp; International Studies</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 201	Philosophy of Education	2
EDU 101	Introduction to Education	3
HIS 101	Introduction to History	2
HIS 103	Introduction to International Studies	2
HIS 111	Nigeria up to 1900	3
HIS 121	Africa 1500 to 1800	2
ARC 101	Fundamentals of Archaeology	2
TRM 101	Introduction to Tourism	2
<b>General Studies Courses</b>		
GSP 101	Use of English I	2
GSP 201	The Social Sciences	2

		22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 102	History of Education	2
EDU 202	Philosophy of Education	2
EDU 206	Sociology of Education	2
EDU 224	Educational Technology	2
HIS 102	Introduction to Economic History	2
HIS 104	Evolution of International System since 1815	2
HIS 132	Europe from French Revolution to the Second World War	2
ARC 104	Archaeology of Traditional Industries and Technology	2
TRM 142	Tourism Planning and Development	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
GSP 202	Issues in Peace and Conflict Studies	2
		22
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
HIS 213	Diplomatic History of Nigeria since 1960	2
HIS 224	Southern Africa since 1400	2
HIS 223	East and Central Africa since 1000 AD	2
HIS 251	South East Asia since the 19 <sup>th</sup> Century	2
ARC 211	Environmental Archaeology	2
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
CED 341	Introduction to Entrepreneurship	2
		21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 224	Educational Technology	2
EDA 222	Special Methods	3
HIS 206	Political Thought	3
HIS 222	African and European Imperialism in the 19 <sup>th</sup> and 20 <sup>th</sup> Centuries	3
HIS 224	Economic History of West Africa to the 20 <sup>th</sup> Century	2
ARC 222	Earliest Human Settlement in Africa	2
<b>General Studies Courses</b>		
GSP 106	Natural Sciences II	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
COS 342	Business Development and Management	2
		21
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 341	Research Methods, Statistics and Computer Usage	3
EDA 325	Teaching Practice I	3
HIS 311	Nigeria 1900 to 1960	3
HIS 343	USA since 1865	3
HIS 361	Historiography	2
ARC 321	Ethnography of Africa	2

ARC 351 Conservation of Objects and Monuments

2  
17

**Second Semester**

CODE TITLE

UNITS

**Major Courses**

EDU 312 Educational Psychology II 2  
EDU 322 Curriculum Implementation and Instruction 3  
HIS 322 Problems and Prospect of Regional Economic Development in Africa 3  
HIS 332 Russia since 1917 2  
HIS 302 Issues in International Relations I 2  
ARC 304 Introduction to Ethno-Archaeology of Africa 2  
ARC 322 Trade, Urbanization and State formation in Africa 3

19

**Fourth Year**

**First Semester**

CODE TITLE

UNITS

**Major Courses**

EDU 411 Educational Psychology III 2  
EDA 433 Classroom Organization and Management 2  
EDA 425 Teaching Practice 3  
HIS 403 History of Science and Technology 3  
HIS 411 Nigeria from 1970-present 2  
HIS 413 Economic History of Nigeria in 20<sup>th</sup> Century 2  
HIS 415 Igbo land to the present 3  
ARC 421 Archaeology of Nigeria 3

20

**Second Semester**

CODE TITLE

UNITS

**Major Courses**

EDU 442 Measurement and Evaluation 2  
EDA 490 Project 4  
HIS 402 Issues in International Relations II 2  
HIS 408 International/Continental Organizations Commonwealth, OAU/AU, Arab League, EU, ASEAN, OAS 3  
HIS 422 Africa since 1800 3  
ARC 422 Africa's Indigenous knowledge and Technology 2

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**Three-Year Standard Degree Programme in Education/History & International Studies**

**First Year**

**First Semester**

CODE TITLE

UNITS

**Major Courses**

EDU 101 Introduction to Education 3  
EDU 211 Educational Psychology I 2  
EDU 221 Curriculum Theory and Planning 2  
HIS 213 Diplomatic History of Nigeria since 1960 2  
HIS 221 Southern Africa since 1400 2  
HIS 223 East and Central Africa since 1000 AD 2  
HIS 251 Southeast Asia since the 19<sup>th</sup> Century 2  
TRM 241 Tourism Products and Services 2

**General Studies Courses**

GSP 101 The Use of English I 2  
GSP 201 The Social Sciences 2

21

**Second Semester**

CODE TITLE

UNITS

**Major Courses**

EDU 224 Educational Technology 2

2

EDU 222	Special Methods	3
HIS 206	Political Thoughts	2
HIS 222	Africa and European Imperialism in the 19 <sup>th</sup> and 20 <sup>th</sup> Centuries	2
HIS 224	Economic History of West Africa to the 20 <sup>th</sup> Century	2
ARC 221	Earliest Human Settlement in Africa	3
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
		<hr/> 18

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 341	Research Methods, Statistics and Computer Usage	3
EDA 325	Teaching Practice I	3
HIS 311	Nigeria 1900 to 1960	3
HIS 343	USA since 1865	3
HIS 361	Historiography	3
ARC 351	Conversation of Objects, Sits & Movements	2
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
CED 341	Introduction to Entrepreneurship	2
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 202	Philosophy of Education	2
EDU 312	Educational Psychology II	2
HIS 322	Problems and Prospects of Regional Economic Development in West Africa	2
HIS 332	Russia since 1917	2
HIS 302	Issues in International Relations I	2
ARC 304	Introduction to Ethno-Archaeology	2
ARC 322	Trade, Urbanization and State Formation in Africa	3
<b>General Studies Courses</b>		
GSP 106	Natural Science II	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Application	3
CED 342	Business Development and Management	2
		<hr/> 22

**Three-Year Standard Degree Programme in Education/History & International Studies****Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 103	History of Education	2
EDU 411	Educational Psychology III	2
EDA 425	Teaching Practice II	3
HIS 403	History of Science and Technology	3
HIS 411	Nigeria since 1960	2
HIS 413	Economic History of Nigeria since 1800	2
HIS 415	Igbo Land to the Present	3
<b>Required Ancillary Courses</b>		
ARC 421	Archaeology of Nigeria	2
		<hr/> 19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 206	Sociology of Education	2
EDU 322	Curriculum Implementation and Instruction	3
EDU 442	Measurement and Evaluation	2
EDA 490	Project	4
HIS 402	Issues in International Relations II	2
HIS 408	International/Continental Organizations (Commonwealth, OAU/AU, Arab League, EU, OAS, ASEAN)	3
OAU/AU, Arab League, EU, OAS, ASEAN)		3
HIS 422	Africa since 1800	3

**Required Ancillary Courses**

ARC 422	Africa's Indigenous Knowledge and Technology	2
		21

**Four-Year Standard Degree Programme in Education/Igbo/Linguistics****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 101	Introduction to Education	2
EDU 103	History of Education	2
IGB 105	Advanced Composition & Comprehension in Igbo	3
IGB 121	Introduction to the Igbo People and their Language	2
LIN 141	Introduction to Linguistics I	3
LIN 143	Introduction to General Phonetics I	3

**General Studies Courses**

GSP 101	Use of English I	2
GSP 201	The Social Sciences	2
		19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 222	Philosophy of Education	2
EDU 206	Sociology of Education	2
IGB 106	Advanced Composition & Comprehension in Igbo II	2
IGB 122	Introduction to the Igbo People and the Speaking People	2
LIN 142	Introduction to Linguistics II	3
LIN 144	Introduction to General Phonetics II	3

**General Studies Courses**

GSP 102	Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
		18

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 211	Educational Psychology I	2
EDU 213	School Guidance Counselling	3
EDU 221	Curriculum Theory and Planning	3
IGB 211	Introduction to Igbo Oral Literature	2
IGB 241	Introduction to Phonology	2
LIN 243	Phonetics of English and Nigerian Languages	2
LIN 245	Introduction to Morphology	2

**General Studies Courses**

GSP 105	Introduction to Computer Science	2
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**Required Ancillary Courses**

CED 341	Introduction to Entrepreneurship	2
		20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 224	Educational Technology	2
EDA 222	Special Methods	2
IGB 204	Igbo Phonology I	2
IGB 206	Igbo Morphology	2
IGB 208	Igbo Syntax I	2
IGB 212	Introduction to Igbo written Literature	2

**General Studies Courses**

GSP 106	Natural Science II	2
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**Required Ancillary Courses**

COS 304	Computer Application	3
CED 342	Business Development and Management	2
		19

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 325	Teaching Practice	3
EDU 341	Research Methods, Statistics and Computer Usage	3
IGB 305	Igbo Dialects	3
IGB 313	Introduction to Igbo Drama	3
IGB 315	Literary Criticism	3
LIN 361	Survey of Applied Linguistics	3
LIN 381	Introduction to African Linguistics	3
		21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 312	Educational Psychology II	2
EDU 322	Curriculum Implementation & Instruction	3
EDU 433	Classroom Organisation & Management	2
IGB 304	Igbo Phonology II	2
IGB 312	Contemporary Igbo Prose Fiction	3
IGB 308	Syntax II	3
LIN 352	Introduction to Sociolinguistics	3
LIN 390	Field Methods and Research Methodology	3
		21

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 411	Educational Psychology III	2
EDA 425	Teaching Practice II	3
IGB 403	Topics in Igbo Phonology	3
IGB 413	Igbo Stylistics	3
LIN 441	Semantics	3
LIN 461	Lexicography	3
		17

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 442	Measurement and Evaluation	2
EDA 490	Project	4
IGB 404	Topics in Igbo Syntax	3
IGB 416	Contemporary Igbo Poetry	3
IGB 418	Contemporary Igbo Drama	3
LIN 462	Theory and Practice of Translation	3
LIN 470	Psycholinguistics	3
		21

**First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
IGB 211	Introduction to Igbo Oral Literature	2
LIN 141	Introduction to Linguistics I	3
LIN 241	Introduction to Phonology	2
LIN 245	Introduction to Morphology	2

**General Studies Courses**

GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
GSP 201	The Social Sciences	2

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
		<b>22</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 202	Philosophy of Education	2
EDA 222	Special Methods	3
IGB 204	Igbo Phonology I	2
IGB 208	Igbo Syntax I	2
IGB 212	Introduction to Igbo Written Literature	2
LIN 142	Introduction to Linguistics II	3

**General Studies Courses**

GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
GSP 202	Issues in Peace and Conflict Resolution	2

**Required Ancillary Courses**

COS 304	Computer Applications	2
		<b>22</b>

**Three-Year Standard Degree Programme in Education/Igbo/Linguistics****Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 103	History of Education	2
EDU 3141	Research Method, Statistics and Computer Usage	3
EDA 325	Teaching Practice I	3
IGB 305	Igbo Dialects	3
IGB 313	Introduction to Igbo Drama	3
LIN 361	Survey of Applied Linguistics	3
LIN 381	Introduction to African Linguistics	3

**Required Ancillary Courses**

CED 341	Introduction to Entrepreneurship	2
		<b>22</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 206	Sociology of Education	2
EDU 322	Curriculum Implementation & Instruction	3
IGB 306	Syntax	3
IGB 412	Contemporary Igbo Prose and Fiction	3
LIN 352	Introduction to Sociolinguistics	3
LIN 462	Theory and Practice of Translation	3

**Required Ancillary Courses**

CED 342	Business Development and Management	2
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COS 304	Computer Applications	3
		<hr/> 22

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 411	Educational Psychology III	2
EDA 425	Teaching Practice II	3
IGB 403	Topics in Igbo Phonology	3
IGB 413	Igbo Stylistics	3
LIN 441	Semantics	3
LIN 461	Lexicography	3
		<hr/> 17

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 312	312
EDU 442	442
EDA 490	490
IGB 404	404
IGB 416	416
IGB 418	418
LIN 470	470

**Four-Year Standard Programme in Education/Music****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 103	History of Education	2
EDU 211	Educational Psychology I	2
MUS 101	Music as an Arts and Science	2
MUS 121	Foundations of Musicianship I	1
MUS 125	Tonal Harmony I	1
MUS 141	African Music: Music and Society I	2
MUS 161	Primary Instrument I	1
MUS 163	Performance Workshop-Western Ensembles	1
MUS 165	Performance Workshop-African Ensembles	1
MUS 143	Introduction to Popular Music	1
MUS 201	Introduction to Computer Music	1

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
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**General Studies Courses**

GSP 101	The Use of English I	2
GSP 201	The Social Sciences	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 202	Philosophy of Education	2
MUS 122	Foundations of Musicianship II	1
MUS 124	Tonal Harmony II	1
MUS 132	Survey of History of Western Music I	2
MUS 152	Basic Keyboard Studies	1
MUS 162	Primary Instrument II	1
MUS 164	Performance Workshop-Western Ensembles II	2
MUS 166	Performance Workshop-African Ensembles II	2
MUS 144	Popular Music in Nigeria	2

**General Studies Courses**

GSP 102	The Use of English II	2
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GSP 202	Issues in Peace and Conflicts Resolution	2
		18
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 221	Curriculum Theory and Planning	3
MUS 201	Introduction to Computer Music	1
MUS 221	Foundations of Musicianship III	1
MUS 223	Tonal Harmony III	2
MUS 241	African Music: Theoretical Studies I	2
MUS 243	African Music: Music and Society II	2
MUS 251	Basic Keyboard Studies II	1
MUS 262	Primary Instrument III	1
MUS 263	Performance Workshop-Western Ensembles III	2
MUS 265	Performance Workshop-Western Ensembles III	2
MUS 267	Secondary Instrument III	1
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Sciences	2
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
		22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 224	Educational Technology	2
EDA 222	Special Methods	3
MUS 202	Computer Music Application	1
MUS 222	Foundations of Musicianship IV	1
MUS 242	African Music: Theoretical Studies II	2
MUS 252	Basic Keyboard Studies III	1
MUS 262	Primary Instrument IV	1
MUS 264	Performance Workshop-Western Ensembles IV	2
MUS 266	Performance Workshop-Western Ensembles IV	2
<b>Required Ancillary Courses</b>		
CED 342	Business Development and Management	2
<b>General Studies Courses</b>		
GSP 106	Natural Science II	2
		19
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 213	School of Guidance and Counselling	2
EDU 341	Research Methods, Statistics and Computer Usage	3
EDA 325	Teaching Practice I	3
MUS 321	Counterpoint	2
MUS 331	Western Music after 1750	2
MUS 341	African Music: Theoretical Studies III	2
MUS 351	Elementary Keyboard Harmony	1
MUS 361	Primary Instrument V	2
MUS 363	Performance Workshop-Western Ensembles V	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
		21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 312	Educational Psychology II	2

MUS 302	Introduction to Musical Instrument Technology	2
MUS 322	Composition	2
MUS 324	Conducting and Performance Management	2
MUS 342	Music of other Cultures of the World	1
MUS 362	Primary Instrument/Voice VI	1
MUS364	Performance Workshop-African Ensembles IV	2
MUS 366	Performance Workshop-African Ensembles IV	2
MUS 368	Secondary Instrument II	1
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	1
		<hr/> 16

**Fourth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 433	Classroom Organization and Management	2
EDU 411	Educational Psychology III	2
EDA 425	Teaching Practice II	3
MUS 401	Acoustics of Music	2
MUS 421	Fugue	2
MUS 425	Analysis of Tonal Music	2
MUS 427	Analysis of Analytical Method for 20 <sup>th</sup> Century Music	2
MUS 451	Keyboard Harmony and Accompaniment	2
MUS 461	Primary Instrument/Voice VII	2
MUS 463	Performance Workshop-Western Ensembles VII	1
MUS 465	Performance Workshop-Western Ensembles VII	1
MUS 467	Secondary Instrument/Voice VIII	1
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 322	Curriculum Implementation and Instruction	3
EDU 342	Measurement and Evaluation	2
EDU 490	Project	4
MUS 402	Music Technology	2
MUS 462	Primary Instrument/Voice VIII	2
MUS 464	Performance Workshop-Western Ensembles VIII	2
MUS 466	Performance Workshop-Western Ensembles VIII	2
		<hr/> 17

**Three-Year Standard Degree Programme in Education/Music****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 221	Curriculum Theory and Planning	2
MUS 201	Introduction to Computer Music	1
MUS 223	Tonal Harmony III	2
MUS 241	African Music: Theoretical Studies I	2
MUS 251	Basic Keyboard Studies II	1
MUS 261	Primary Instrument III	1
MUS 263	Performance Workshop-Western Ensembles III	2
MUS 265	Performance Workshop-African Ensembles III	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Sciences	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
GSP 201	The Social Sciences	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 224	Educational Technology	2
EDA 222	Special Methods	3
MUS 202	Computer Music Application	1
MUS 242	African Music: Theoretical Studies II	2
MUS 252	Basic Keyboard Studies III	1
MUS 262	Primary Instrument IV	1
MUS 264	Performance Workshop-Western Ensembles IV	2
MUS 266	Performance Workshop-African Ensembles IV	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
GSP 202	Issues in Peace and Conflict Resolution	2
		<hr/> 20

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 213	School Guidance and Counselling	2
EDU 341	Research Methods, Statistics and Computer Usage	3
EDA 325	Teaching Practice I	3
MUS 321	Counterpoint	2
MUS 331	Western Music after 1750	2
MUS 341	African Music: Theoretical Studies III	2
MUS 351	Elementary Keyboard Harmony	1
MUS 361	Primary Instrument V	2
MUS 363	Performance Workshop-Western Ensembles V	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 312	Educational Psychology II	2
EDU 322	Curriculum Implementation and Instruction	3
MUS 302	Introduction to Musical Instrument Technology	2
MUS 322	Composition	
MUS 324	Conducting and Performance Management	2
MUS 342	Music of other Cultures of the World	1
MUS 362	Primary Instrument/Voice VI	1
MUS 364	Performance Workshop-Western Ensembles IV	2
MUS 366	Performance Workshop-African Ensembles IV	2
MUS 368	Secondary Instrument IV	1
<b>Required Ancillary Courses</b>		
CED 342	Business Development and Management	2
COS 304	Computer Applications	2
		<hr/> 20

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 411	Educational Psychology III	2
EDU 433	Classroom Organization and Management	2
EDA 425	Teaching Practice II	3
MUS 401	Acoustics of Music	2
MUS 421	Fugue	2
MUS 425	Analysis of Tonal Music	2
MUS 427	Analysis of Analytical Method for 20 <sup>th</sup> Century Music	2
MUS 451	Keyboard Harmony and Accompaniment	2

MUS 461	Primary Instrument/Voice VII	2
MUS 463	Performance Workshop-Western Ensembles VII	1
MUS 465	Performance Workshop-African Ensembles VII	1
MUS 467	Secondary Instrument/Voice III	1
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 434	Classroom Organization and Management	2
EDU 442	Measurement and Evaluation	2
EDA 490	Project	4
MUS 402	Music Technology	2
MUS 462	Primary Instrument/Voice VIII	2
MUS 464	Performance Workshop-Western Ensembles VIII	2
MUS 466	Performance Workshop-African Ensembles VIII	2
		<hr/> 16

**Four-Year Standard Degree Programme in Education /Religion/Cultural Studies****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 101	Introduction to Education	2
EDU 103	History of Education	2
EDU 211	Educational Psychology I	2
RCS 101	Introduction to the Study of Religion	2
RCS 111	Background of the Old Testament	2
RCS 123	The Background of the New Testament	2
RCS 151	Introduction as African Traditional Religion	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 201	The Social Sciences	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 202	Philosophy of Education	2
EDU 206	Sociology of Education	2
EDU 312	Educational Psychology II	2
RCS 112	Introduction to the Study of the Old Testament	2
RCS 124	Introduction to the Tradition of Jesus	2
RCS 204	Field Trip and Tutorial II	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
		<hr/> 16

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 221	Curriculum Theory and Planning	2
RCS 201	History of Religion	2
RCS 213	The People of Old Testament: Their History	2
RCS 223	Geo-Cultural Setting of Palestine	2
RCS 231	Christian History and Doctrine I	2
RCS 251	African Traditional Religion	2
RCS 261	Religious Ethics I	2
<b>Required Ancillary Courses</b>		



COS 101	Introduction to Computer Sciences	2
CED 341	Introduction to Entrepreneurship	2
<b>General Studies Courses</b>		2
GSP 105	Natural Science I	20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 202	Philosophy of Education	2
EDU 224	Educational Technology	2
EDA 222	Special Methods	2
RCS 206	Problems of Religious	2
RCS 214	Beliefs and Thought Exilic and Past-Exilic Israel	2
RCS 224	Traditional of Jesus	2
RCS 272	History of Islam in West Africa	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
<b>General Studies Courses</b>		
GSP 106	Natural Science II	2
		20
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 311	Educational Psychology II	2
EDU 341	Research Methods, Statistics and Computer Usage	3
EDA 325	Teaching Practice I	3
RCS 313	Religion of the Old Testament	2
RCS 321	Earliest Christianity: The Beginning	2
RCS 323	New Testament Theological Framework	2
RCS 331	History of Christianity in West Africa	2
RCS 351	African Traditional Religion II	2
		18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 318	Behaviour Modification II	2
EDU 322	Curriculum Implementation and Instruction	2
EDU 324	Pre-School Education	2
RCS 314	Old Testament Prophets	2
RCS 322	Earliest Christianity: The Life and Work of St. Paul	2
RCS 324	New Testament Text I	2
RCS 332	Christian History and Doctrine II	2
RCS 344	Man and His Culture	2
		16
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 411	Educational Psychology III	2
EDA 425	Teaching Practice II	3
RCS 413	Literature of the Old Testament I	3
RCS 421	Close of the New Testament Era	3
RCS 431	Christian History and Doctrine III	3
RCS 481	Departmental Seminar	2
<b>Electives: Choose one Course</b>		
RCS 407	Modern African Thought	3
RCS 443	Religion and Culture in Contemporary Society	3
		22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 204	Comparative Education	2
EDU 442	Measurement and Evaluation	2
EDA 490	Project	4
RCS 414	Literature of the Old Testament II	3
RCS 416	Pseudo-epigraphic Books of the Old Testament	2
RCS 442	New Testament Texts II	3
		16

**Three-Year Standard Degree Programme in Education/Religion/Cultural Studies****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 101	Introduction to Education	2
EDU 221	Curriculum Theory and Planning	2
RCS 101	Introduction to the Study of Religions	2
RCS 111	Background of the Old Testament	2
RCS 123	Background of the New Testament	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
GSP 201	The Social Sciences	2
		18

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 312	Educational Psychology II	2
EDU 102	History of Education	2
EDU 224	Educational Technology	2
EDA 222	Special Methods	3
RCS 112	Introduction to the Old Testament	2
RCS 124	Introduction to the Traditions of Jesus	2
RCS 204	Field Trip and Tutorial II	2
RCS 214	Exilic and Post-Exilic Israel	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
GSP 202	Issues in Peace and Conflict Resolution	2
		21

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 221	Curriculum Theory and Planning	3
EDU 341	Research Methods, Statistics and Computer Usage	3
EDA 325	Teaching Practice I	3
RCS 213	The People of the Old Testament: Their History	2
RCS 313	Religion of the Old Testament	2
RCS 321	Earliest Christianity: The Reigning	2
RCS 341	Religious Interpretation of Society	2
RCS 351	African Traditional Religion II	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
		21

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 322	Curriculum Implementation and Instruction	2
RCS 216	Exilic and Post-Exilic Israel	2
RCS 224	Traditions of Jesus	2
RCS 314	Old Testament Prophets	2
RCS 322	Earliest Christianity: Life and Work of St. Paul	2
RCS 324	New Testaments Text I	2
RCS 332	Christian History and Doctrine II	2
RCS 342	Man and His Culture	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
		23
<hr/>		
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 411	Educational Psychology III	2
EDA 425	Teaching Practice II	3
EDU 433	Classroom Organization and Management	2
RCS 323	New Testament Theological Framework	2
RCS 413	Literature of the Old Testament I	3
RCS 421	Close of the New Testament Era	3
RCS 431	Christian History and Doctrine III	3
RCS 481	Departmental Seminar	2
		21
<hr/>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 442	Measurement and Evaluation	2
EDA 490	Project	4
RCS 314	Old Testament Prophets	2
RCS 362	Religious Ethics II	2
RCS 414	Literature of the Old Testament II	3
RCS 422	New Testament Texts II	3
<b>Elective Courses: Choose One Course from the following</b>		
RCS 416	Pseudo-epigraphic Books of the Old Testament	3
RCS 444	Theodicy	3
		19
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**Department of Educational Foundations****Staff**

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C.O. Odionye, B.Ed. (Nigeria)	Graduate Assistant
A.J. Onumonu, B.Ed. (Nigeria)	Graduate Assistant
C.I. Ogidi, B.Ed. (Nigeria)	Graduate Assistant

### **Education/Guidance and Counseling Programme**

#### **Philosophy**

The philosophy underlining the undergraduate programme of Guidance and Counseling is in line with the core values of the university which focus on the moral rectitude for the production of globally competitive graduates who love universal truth for the upliftment of the society. Inexperienced students need to be guided aright in their educational, vocational and socio-personal endeavours so as to produce the total man. This is the essence of Guidance and Counseling.

#### **Objectives**

The objectives of the programme are:

1. To produce educational counsellors.
2. To produce professionally qualified educationists who can impact on the behaviour of younger generation for the benefit of the society.
3. To train school counsellors who can assume leadership positions in the Ministry of Education, colleges of education and universities.

#### **Scope**

The scope of the programme covers the three major alms of Guidance and Counseling which include educational counseling, vocational/ career counseling, socio-personal counseling, sensitivity training, practicum and special educational needs (SEN).

#### **Admission Requirements**

Admission is done under two modes: UTME and Direct Entry.

#### **UTME**

Candidates who have satisfied the general university requirements for admission and who have passed any five teaching subjects at credit level in at least two sittings in Senior Secondary School Certificate Examination (SSSCE), or West African School Certificate Examination (WASCE) or General Certificate in Education (GCE) or National Examination Commission (NECO) or their equivalence are qualified to be admitted into a four year degree programme.

### **Direct Entry (DE)**

Candidates with at least a minimum of merit grade at the Nigerian Certificate of Education (NCE), Diploma Certificates in Education Music, Religion, Adult Education, Health Education, Social Science Education or Science Education are qualified to be admitted into a three year degree programme.

### **Job Opportunities**

Products of the department are qualified to be school guidance counselors at both secondary and higher education levels. They can be employed in the Ministry of Education as supervisors and in hospitals as counselors. The graduates of the programme can also in Social Welfare establishments as counselors and in any other related areas. They can teach in institutions of higher learning when they obtain a higher degree in the area.

## **Four Year Standard Degree Programme**

### **First Year**

#### **First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 101	Introduction to Education	2
EDU 102	History of Education	2
EDU 211	Educational Psychology I	2
EDF 203	Principles of Guidance and Counseling	2
Courses in Relevant Teaching subject		6
<b>Required Ancillary Courses</b>		
<b>General Studies</b>		
GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
		18

#### **Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 206	Counseling Theories	2
EDU 202	Philosophy of Education	2
EDU 206	Sociology of Education	2
EDU 228	Introduction to Special Education	2
Courses in Relevant Teaching subject		6
<b>Required Ancillary Courses</b>		
EDU 204	Comparative Education	2
<b>General Studies</b>		
GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
		20

### **Second Year**

#### **First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 221	Curriculum Theory and Planning	2
EDF 275	Vocational Development and Adjustment	2
EDF 257	Group Procedures in Guidance and Counseling	2
EDF 279	Education and Occupational Information	2
Courses in Relevant Teaching subject		4
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 201	The Social Sciences	2
GSP 207	Humanities I	2
		18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDF 222	Special Methods	3
EDF 238	Behaviour Modification I	2
EDF 244	Sensitivity Training	2
EDU 224	Educational Technology	2
EDU 228	Introduction to Special Education	2
Courses in Relevant Teaching subject		4

**Required Ancillary Courses**

EDS 204	Environmental Education	2
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**General Studies Courses**

GSP 208	Humanities II	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
		<hr/> 21

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDF 325	Teaching Practice I	3
EDF 345	Psychological Testing and Counseling	2
EDF 367	Practicum in Guidance and Counseling	3
EDF 427	Counseling Techniques	2
EDU 313	Issues in Primary Education	2
EDU 341	Research Methods, Statistics and Computer Usage	3
Courses in Relevant Teaching subject		4

**Required Ancillary Courses**

CED 341	Introduction to Entrepreneurship	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDF 332	Personality and Social Development	2
EDF 416	Ethical and Professional Responsibilities	2
EDU 312	Educational Psychology II	2
EDU 322	Curriculum Implementation and Instruction	3
Courses in Relevant Teaching subject		4

**Required Ancillary Courses**

LIS 302	School Librarianship	2
COS 304	Computers Applications	3
CED 342	Business Development and Management	2
		<hr/> 20

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDF 313	Adolescence and Education	2
EDF 425	Teaching Practice II	3
EDF 467	Practicum in Guidance and Counselling II	2
EDU 329	Special Education Services	2
EDU 411	Educational Psychology III	2
EDU 433	Classroom Organisation and Management	2
Courses in Relevant Teaching subject		6

**Required Ancillary Courses**

HPE 341	School Health	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDF 338	Behaviour Modification II	2
EDF 356	Organization and Administration of Guidance and Counseling	2
EDF 490	Project	4
EDU 206	Sociology of Education	2
EDU 432	Quality Assurance	2
EDU 442	Measurement and Evaluation	2
Courses in Relevant Teaching subject		6
		<hr/> 20

**Three Year Standard Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 275	Vocational Development and Adjustment	2
EDF 279	Education and Occupational Information	2
EDF 257	Group Procedures in Guidance and Counseling	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	2
Courses in Relevant Teaching subject		4
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 201	The Social Sciences	2
GSP 207	Humanities I	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 222	<i>Special Methods</i>	3
EDF 228	Introduction to Special Education	2
EDF 238	Behaviour Modification I	2
EDF 244	Sensitivity Training	2
EDU 224	Educational Technology	2
Courses in Relevant Teaching subject		4
<b>Required Ancillary Courses</b>		
EDS 204	Environmental Education	2
<b>General Studies Courses</b>		
GSP 208	Humanities II	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
		<hr/> 21

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 325	Teaching Practice I	3
EDF 345	Psychological Testing and Counseling	2
EDF 367	Practicum in Guidance and Counseling	3
EDF 427	Counseling Techniques	2
EDU 313	Issues in Primary Education	3
EDU 341	Research Methods, Statistics and Computer Usage	3
Courses in Relevant Teaching subject		4
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 206	Counseling Theories	2
EDF 332	Personality and Social Development	2
EDF 416	Ethical and Professional Responsibilities	2



<i>Programmes</i>		501
EDU 312	Educational Psychology II	2
EDU 322	Curriculum Implementation and Instruction	3
Courses in Relevant Teaching subject		4
<b>Required Ancillary Courses</b>		
LIS 302	School Librarianship	2
COS 304	Computers Applications	3
CED 342	Business Development and Management	2
22		22
<b>Third Year )</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 313	Adolescence and Education	6
EDF 425	Teaching Practice II	3
EDU 411	Educational Psychology III	2
EDU 431	Educational Administration	2
EDU 433	Classroom Organisation and Management	2
EDU 329	Special Education	2
HPE 341	School Health	2
		21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 338	Behaviour Modification II	2
EDF 356	Organization and Administration of Guidance and Counseling	2
EDF 490	Project	4
EDU 206	Sociology of Education	2
EDU 432	Quality Assurance	2
EDU 442	Measurement and Evaluation	2
Courses in Relevant Teaching subject		6
		20

### **Early Childhood Education Programme**

#### **Philosophy**

The Philosophy underlining the Undergraduate Programme of Early Childhood Education derives from Nigeria's Philosophy of Education which is based on the provision of equal access to education opportunities for all citizens and the core values of the University of Nigeria, which focus on the production of globally competitive graduates to engender the restoration of the dignity of man and in particular, young children at the early childhood education level of the education system.

#### **Objectives**

The Objectives of the programme are to:

1. produce educators who can implement the national objectives of early childhood level of education;
2. train professionals who understand the basic characteristics of young children of early childhood education age;
3. train professionals with relevant pedagogy for teaching at the early childhood education level;
4. Produce professionals competent enough for the administration of early childhood education and
5. Produce professionals who can participate in and cope with innovations in the early childhood education system.

#### **Scope**

The scope of the programme covers three categories of Early Childhood Education namely the Crèche, Nursery and Kindergarten. The programme will cover the five major areas of Early Childhood Education which include Origin and Development of Early Childhood Education, Curriculum and Management Issues, Teaching in Early Education, Play and Learning, Organisation and Administration of Early Childhood Education and Field Experiences.

#### **General Entry Requirements**

Admission is done through Unified Tertiary Matriculation Examination (UTME) and Direct Entry (DE).

**Unified Tertiary Matriculation Examination**

Candidates who have satisfied the University general entry requirements for admission and who have passed any five teaching subjects including English Language and Mathematics at credit level in not more than two sittings in Senior Secondary School Certificate Examination (SSCE) or West African School Certificate Examination (WASCE) or General Certificate in Education (GCE) or National Examination Commission (NECO) examination or their equivalents are qualified to be admitted into the four-year degree programme.

**Direct Entry (DE)**

In addition to the University general entry requirements, candidates with at least a Merit pass in the Nigerian Certificate of Education (NCE) and diplomas in Education Music, Religion, Adult Education and Health or Physical Education are qualified to be admitted into the three-year degree programme.

**Job Opportunities**

The graduates are qualified to teach in or establish early childhood education institutions and they can also teach in Colleges of Education and Universities when they obtain higher degree in the area. They can equally serve as desk officers in the Ministry of Education, State Universal Basic Education Boards and Education Authorities, UNICEF, NGOS and International Organizations with special interest in children, their rights and development.

**Stress Areas**

Foundation Courses	0
Origin and Development of Early Childhood Education	1
Curriculum and Management Issues	2
Teaching in Early Education	3
Play and Learning	4
Field Experiences	5
Organization and Administration of Early Childhood Education	6
Project	9

**Four Year Standard Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 111	Origin and Development of Early Childhood Education	2
EDF 115	Early Childhood Education in Traditional African Societies	2
EDF 123	Early Childhood Education Curriculum I	2
EDU 101	Introduction to Education	2
EDU 102	History of Education	2
EDU 211	Education Psychology I	2
<b>General Studies Courses</b>		
GSP 101	Study Skills and Basic Research Methods	2
GSP 105	Natural Science I	2
<b>Required Ancillary Course</b>		
		16

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 146	Play and Learning Experience	2
EDF 160	Environment and Development of the Preschool Child	2
EDF 162	Observation and Assessment of Young Children	2
EDF 166	Developing Home and School Relationships	2
EDU 202	Philosophy of Education	2
EDU 206	Sociology of Education	2
<b>Required Ancillary Courses</b>		
EDA 104	Introduction to Creative Design	2
PHP 156	Nutrition Education	2
<b>General Studies</b>		
GSP 102	Basic Grammar and Varieties of Writing	2
GSP 106	Natural Science II	2

		<u>20</u>
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 203	Principles of Guidance and Counselling	2
EDF 223	Early Childhood Education Curriculum II	2
EDF 233	Presenting Literature to Children	2
EDF 241	Arts in Early Childhood Education	2
EDU 221	Curriculum Theory and Planning	2
EDU 227	Introduction to Special Education	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
<b>Studies General Courses</b>		
GSP 201	Peace and Conflict Resolution	2
GSP 207	Philosophy, Logic and Human Existence	2
		<u>18</u>
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 232	Special Methods in Early Childhood Education	2
EDF 252	Fieldwork in Early Childhood Education	2
EDF 332	Personality and Social Development	2
EDF 242	Music in Early Childhood Education	2
EDU 224	Educational Technology	2
<b>Required Ancillary Courses</b>		
VTE 148	Creativity and Life Skills Education	2
EDS 204	Environmental Education	2
COS 304	Computer Application	2
EDA 316	Language Education	2
<b>General Studies Courses</b>		
GSP 202	Basic Social Sciences	2
GSP 208	Nigerian Peoples and Culture	2
		<u>22</u>
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 331	Language Skills in Early Childhood Education	2
EDF 333	Numeracy Skills in Early Childhood Education	2
EDF 365	Administration of Early Childhood Education Centres	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3
<b>Required Ancillary Courses</b>		
INT.SC 111	Introduction to Integrated Science	2
PHP 253	School Health Education	2
CED 341	Introduction to Entrepreneurship Education	2
PHP 356	First Aid and Safety Education	2
		<u>20</u>
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 332	Montessori Approach to Childhood Education	2
EDU 312	Educational Psychology II	2
EDU 322	Curriculum Implementation and Instruction	2
EDU 432	School Inspection and Supervision	2
EDU 432	Quality Assurance and Supervision in Basic and Secondary Education	2
VTE 444	Child Development and Practicum (Toy making in Early Childhood Education)	2

**Required Ancillary Courses**

VTE 246	Household Equipment	2
LIS 302	School Librarianship	2
CED 342	Business Development and Management	2
INT.SC 356	Our Natural Environment	2
		<hr/> 20

**Fourth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 411	Fundamentals of Early Childhood Education	2
EDF 415	Contemporary Issues in Early Childhood Education	2
EDF 417	Theories and Practices in Early Childhood Education	2
EDF 463	Organization and Administration of Early Childhood Education	2
EDU 315	Psychological Testing	2
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
		<hr/> 15

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 452	Elements of Research in Early Childhood Education	2
EDF 460	Child Policy Issues	2
EDF 462	Children and their Environment	2
EDU 434	Classroom Organization and Management	2
EDU 442	Measurement and Evaluation	2
EDU 451	Project	4
LIS 426	Children's Literature	2
		<hr/> 16

**Three Year Standard Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 115	Pre-school Education in Traditional African Societies	2
EDF 123	Early Childhood Education Curriculum I	2
EDF 203	Principles of Guidance and Counselling	2
EDF 241	Arts in Early Childhood Education	2
EDU 221	Curriculum Theory and Planning	2
EDU 211	Educational Psychology I	2
EDU 227	Introduction to Special Education	2
<b>Required Ancillary Course</b>		
COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 201	Peace and Conflict Resolution	2
GSP 207	Philosophy, Logic and Human Existence	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 146	Play and Learning Experience	2
EDF 160	Environment and Development of the preschool Child	2
EDF 162	Observation and Assessment of Young Children	2
EDF 166	Developing Home and School Relationship	2
EDF 242	Music in Early Childhood Education	2
EDF 332	Personality and Social Development	2
EDU 432	School Inspection and Supervision	2
<b>Required Ancillary Courses</b>		
EDS 204	Environmental Education	2

VTE 246	Household Equipment	2
<b>General Studies Course</b>		
GSP 202	Basic Social Sciences	2
GSP 208	Nigerian Peoples and Culture	2
		<hr/> 22
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 223	Early Childhood Education Curriculum II	2
EDF 233	Presenting Literature to Young Children	2
EDF 325	Teaching Practice I	3
EDF 331	Language Skills in Early Childhood Education	2
EDF 333	Numeracy Skills in Early Childhood Education	2
EDF 365	Administration of Early Childhood Care and Education Centres	2
EDU 227	Introduction to Special Education	2
EDU 341	Research Methods, Statistics & Computer Usage	3
<b>Required Ancillary Courses</b>		
PHP 253	School Health Education	2
CED 341	Introduction to Entrepreneurship Education	3
		<hr/> 23
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 232	Special Method in Early Childhood Education	2
EDF 252	Field work in Early Childhood Education	2
EDF 332	Montessori Approach to Childhood Education	2
EDU 224	Educational Technology	2
EDU 312	Educational Psychology II	3
<b>Required Ancillary Courses</b>		
COS 304	Computer Application	2
EDA 316	Language Education	2
CED 342	Business Development and Management	2
INT.SC 356	Our Natural Environment	2
EDA 452	Teaching Children's Literature	2
		<hr/> 21
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 411	Fundamentals of Early Childhood Education	2
EDF 415	Contemporary Issues in Early Childhood Education	2
EDF 417	Theories and Practice in Early Childhood Education	2
EDF 463	Organisation and Administration in Early Childhood Education	2
EDU315	Psychological Testing 2	
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
		<hr/> 18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 452	Elements of Research in Early Childhood Education	2
EDF 460	Child Policy Issues	2
EDF 464	Children and their Environment	2
EDU 322	Curriculum Implementation and Instruction	3
EDU 442	Measurement and Evaluation	2
EDU 451	Project	4
VTE 444	Child Development and Practicum (Toy making in Early Childhood Education)	2

**Required Ancillary Courses**

LIS 302	School Librarianship	2
PHP 356	First Aid and Safety Education	2
		<hr/> 21

**Primary Education Programme****Philosophy**

The philosophy of the B.Ed Degree programme in Primary Education derives from the Nigeria's Philosophy of Education which enunciates the provision of equal access to education opportunities for all citizens and the core values of the University of Nigeria, which focus on production of globally competitive graduates to engender the restoration of the dignity of man and in particular, young children at the primary level of the education system.

**Objectives**

The objectives of the programme are to:

1. produce educators who can implement the national objectives of primary education;
2. train professionals who understand the basic characteristics of children of the primary school age;
3. train professionals with relevant pedagogy for teaching at the primary education level and for the administration of primary education and
4. Produce professionals who can participate in and cope with innovations and emergent issues in the primary education level of the school system.

**Scope**

The scope of the programme covers the two sections of primary education namely upper and lower primary and the four major areas of primary education which are nature and purpose of primary education, the primary school child/learner, curriculum issues and environmental influences.

**General Entry Requirement**

Admission is done through Unified Tertiary Matriculation Examination (UTME) and Direct Entry (DE).

**Unified Tertiary Matriculation Examination**

Candidates who have satisfied the University general entry requirements for admission and who have passed any five teaching subjects including English and Mathematics at credit level in not more than two sittings in Senior Secondary School Certificate Examination (SSCE) or West African School Certificate Examination (WASCE) or General Certificate in Education (GCE) or National Examination Council (NECO) examination or their equivalence are qualified to be admitted into the four-year degree programme.

**Direct Entry (DE)**

In addition to the University general entry requirements, candidates with at least a Merit grade in the Nigerian Certificate of Education (NCE), diploma certificates in Education Music, Religion, Adult Education and Health or Physical Education are qualified to be admitted into the three-year degree programme.

**Job Opportunities**

The graduates are qualified to establish or teach in primary schools. They can teach in Colleges of Education and Universities when they obtain a higher degree in the area. They can serve as desk officers in the Ministries of Education, State Universal Basic Education Boards and Education Authorities, UNICEF, NGOs and International organizations with special interest in children, their rights and development.

**Stress Areas**

Foundation Courses	0
Primary Education	1
Child Development	2
Methods	3
Basic Skills	4
Cultural and Creative Arts	5
Organization and Administration of Primary Education	6
Basic Sciences	7
Project	9

**Four Year Standard Degree Programme****First Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDF 111	Origin and Development of Childhood Education	2
EDF 147	Methods and Curriculum in Primary Education	2
EDU 101	Introduction to Education	2
EDU 102	History of Education	2
EDU 211	Educational Psychology I	2

**Required Ancillary Course**

SSE 103	Introduction to Social Studies Education and Nation Building	3
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**General Studies Courses**

GSP 101	Study Skills and Basic Research Methods	2
GSP 105	Natural Science	2
		17

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDF 146	Mother Tongue in Primary Education	2
EDF 164	The Environment- Home, School and Society	2
EDF 168	Seminar Issues and Problems in Primary Education	2
EDF 232	Special Methods in Primary Education	2
EDU 202	Philosophy of Education	2
EDU 206	Sociology of Education	2

**Required Ancillary Courses**

EDA 104	Introduction to Creative Design	2
PHP 156	Nutrition Education	2
HKS 238	Motor Learning and Human Performance	3

**General Studies Courses**

GSP 102	Basic Grammar and Varieties of Writing	2
GSP 106	Natural Science II	2
		23

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDF 165	Primary Education in Traditional African Societies	2
EDF 203	Principles of Guidance and Counseling	2
EDF 213	Philosophy of Primary Education	2
EDF 215	Introduction to Primary Curriculum	2
EDU 221	Curriculum Theory and Planning	3
EDU 227	Introduction to Special Education	2

**Required Ancillary Course**

COS 101	Introduction to Computer Science	2
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**General Studies Courses**

GSP 201	Peace and Conflict Resolution	2
GSP 207	Philosophy, Logic and Human Existence	2
		19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDF 260	Principles and Methods of Teaching	2
EDF 268	Introduction to Teacher Education	2
EDU 206	Sociology of Education	2
EDU 312	Educational Psychology II	2

**Required Ancillary Courses**

VTE 148	Creativity and Life Skills Education	2
EDS 204	Environmental Education	2
COS 304	Computer Application	2
EDA 316	Language Education	2

PHP 356	First Aid and Safety Education	2
<b>General Studies Courses</b>		
GSP 202	Basic Social Sciences	2
GSP 208	Nigerian Peoples and Culture	2
		<hr/> 22
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 211	Moral Education in Primary School	2
EDF 313	Issues in Primary Education	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3
EDU 431	Educational Administration and Planning	2
<b>Required Ancillary Courses</b>		
INT.SC 111	Introduction to Integrated Science	2
CED 341	Introduction to Entrepreneurship Education	2
		<hr/> 16
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 332	Personality and Social Development	2
EDF 334	Primary Education Teaching Methods	2
EDF 316	Primary Education Projects in Nigeria and Other Countries	2
EDU 224	Educational Technology	2
EDU 332	Curriculum Implementation and Instruction	3
EDU 432	Quality Assurance and Supervision in Basic and Secondary Education	2
<b>Required Ancillary Courses</b>		
VTE 246	Household Equipment	2
LIS 302	School Librarianship	2
CED 342	Business Development and Management	2
INT.SC 356	Our Natural Environment	2
		<hr/> 21
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SSE 403	Social Studies Education: Problems and Prospects of Nation Building	3
EDF 425	Teaching Practice II	3
EDF 441	Reading and Language Arts for Primary School	2
EDF 459	Creative Arts for Primary Education	2
EDU 411	Educational Psychology III	2
EDU 433	Classroom Organization and Management	2
<b>Required Ancillary Course</b>		
PHP 253	School Health Education	2
		<hr/> 16
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 338	Montessori Approach to Childhood Education	2
EDF 422	Recreation Education / Play	3
EDF 464	Family Life and Emerging Health Issues	2
EDU 442	Measurement and Evaluation	2
EDU 490	Project	4
<b>Required Ancillary Courses</b>		
LIS 426	Children's Literature	2
VTE 444	Child Development Practicum	2
EDA 452	Teaching Children's Literature	2
		<hr/> 19



**Three Year Standard Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 111	Origin and Development of Childhood Education	2
EDF 213	Philosophy of Primary Education	2
EDF 215	Introduction to Primary Curriculum	2
EDU 101	Introduction to Education	2
EDU 102	History of Education	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
<b>Required Ancillary Course</b>		
COS. 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 201	Peace and Conflict Resolution	2
GSP 207	Philosophy, Logic and Human Existence	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 268	Introduction to Teacher Education	2
EDF 332	Personality and Social Development	2
EDU 202	Philosophy of Education	2
<b>Required Ancillary Courses</b>		
EDS 204	Environmental Education	2
EDA104	Introduction to Creative Design II	2
VTE 148	Creativity and Life Skills Education	2
INT.SC 154	Life Science	2
PHP 156	Nutrition Education	2
HKS 238	Motor Learning and Human Performance	3
<b>General Studies Courses</b>		
GSP 202	Basic Social Sciences	2
GSP 208	Nigerian Peoples and Culture	2

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 211	Moral Education in Primary School	2
EDF 213	Principles of Guidance and Counseling	2
EDF 325	Teaching Practice I	3
EDU 227	Introduction to Special Education	2
EDU 341	Research Methods, Statistics and Computer Usage	3
EDU 431	Educational Administration and Planning	2
<b>Required Ancillary Courses</b>		
SSE 103	Introduction to Social Studies Education and Nation Building	3
INT.SC 111	Introduction to Integrated Science	2
CED 341	Introduction to Entrepreneurship Education	3
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 232	Special Method in Primary Education	2
EDF 316	Primary Education Projects in Nigeria and Other Countries	2
EDU 224	Educational Technology	2
EDU 312	Educational Psychology II	2
EDU 432	Quality Assurance and Supervision in Basic & Secondary Education	2
<b>Required Ancillary Courses</b>		
VTE 246	Kitchen Equipment	2

COS 304	Computer Application	2
EDA 316	Language Education	2
CED 342	Business Development and Management	2
INT.SC 356	Our Natural Environment	2
EDA 452	Teaching Children's Literature	2
		<hr/> 22

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 313	Issues in Primary Education	2
EDF 431	Primary Methods: Reading and Language Arts for Young Children	2
EDF 469	Creative Arts for Primary Education	2
SSE 403	Social Studies Education: Problems and Prospects of Nation	3
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
<b>Required Ancillary Course</b>		
PHP 253	School Health Education	2
		<hr/> 16

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDF 368	Montessori Approaches to Childhood Education	2
EDF 462	Recreation Education/Play	3
EDF 464	Family Life and Emerging Health Issues	2
EDF 490	Project	4
EDU 206	Sociology of Education	
EDU 434	Classroom Organization and Management	2
EDU 442	Measurement and Evaluation	2
<b>Required Ancillary Courses</b>		
LIS 302	School Librarianship	2
PHP 356	First Aid and Safety Education	2
LIS 426	Children's Literature	
VTE 444	Child Development Practicum	2
		<hr/> 23

**Department of Human Kinetics and Health Education****Staff**

O.C. Ene, B.Sc. (Nigeria), M.Ed., Ph.D. (Ibadan)	Professor
O. A. Umeakuka, B.Sc. M.Ed. Ph.D. (Nigeria)	Professor
C. E. Ezedum, B.Sc. (Owerri), M.Ed., Ph.D. (Nigeria)	Professor
E. S. Samuel, B.Sc., M.Ed., Ph.D. (Nigeria)	Professor
J. E. Umeifekwem, B.Sc., M.Ed. (Nigeria), Ph.D. (Ibadan)	Professor
C. N. Ogbuji, B.Sc., M.Ed., Ph.D. (Nigeria)	Reader
D. O. Dike, B.Sc., M.Ed., Ph.D. (Nigeria)	Reader
G. C. Nji, B.Sc., M.Ed., Ph.D. (Nigeria)	Reader
D.U. Chukwudo, B.Sc. (Abraka), M.Ed., Ph.D. (Ibadan)	Senior Lecturer
E. N. Nwagu, B.Sc., M.Ed., Ph.D., (Nigeria)	Senior Lecturer
D. I. Ugwu, B.Sc., M.Ed., Ph.D. (Nigeria)	Senior Lecturer
C. C. Igbokwe, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer I
F. C. Ugwueze, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer I
J. I. Ofuebe, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer I
C. U. Ugwu, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer I
O.R. Ngwoke, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer I
P.C.I. Umoke, B.Sc. (Awka), M.Ed. (Calabar), M.Ed. (Owerri) Ph.D. (Awka)	Lecturer I
A.I. Anike, B.Sc., M.Ed. (Nigeria)	Lecturer I
A. N. Odo, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer I
O. S. Agbaje, B.Sc. (Ile-Ife), M.Ed., Ph.D. (Nigeria)	Lecturer I
C. N. Iweama, B.Sc. (Lagos), M.Sc. (Awka), Ph.D. (Zaria)	Lecturer I
A.H. Ononuju, B.Sc., M.Ed. (Nigeria)	Lecturer II

T.E. Iwuagwu, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer II
S.I.C. Dibia, B.Sc., M.Ed. (Nigeria)	Lecturer II
P. C. Ofili, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer II
L. N. Chukwurah, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer II
L. I. Abugu, B.Sc., M.Ed. (Nigeria)	Lecturer II
F.U. Agu, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer II
I. E. Ekong, B.Sc. (Benin), M.Ed. (Nigeria)	Lecturer II
O. I. Abbah, B.Sc. (Benin), M.Ed. (Nigeria)	Lecturer II
M.C. Nwokoji, B.Sc. (USA)	Assistant Lecturer
L. E. Ozoemena, B.Sc., M.Ed. (Nigeria)	Assistant Lecturer
O. A. Nneka, B.Sc., M.Ed. (Nigeria)	Assistant Lecturer
J.E. Ogugua, B.Sc., M.Ed. (Nigeria)	Assistant Lecturer
N. K. Enemuo, B.Sc., M.Ed. (Awka)	Assistant Lecturer
B.A. Obayi, B.Sc. (Nigeria)	Graduate Assistant
A.I. Okeke, B.Sc. (Nigeria)	Graduate Assistant
C.N. Bosah, B.Sc. (Nigeria)	Graduate Assistant
O.K. Oforka, B.Sc. (Nigeria)	Graduate Assistant

### **Brief History of the Department**

In June 1961, the University of Nigeria, Nsukka (UNN) established a B.Sc. degree programme in Physical Education being the first in Africa. Hence in September 1961, fifteen candidates were admitted for the three-year and four-year degree programmes as pioneer students of the Department. Students in the three-year programme graduated in 1964, while others in the four-year programme graduated in 1965. All were employed in the various school systems in Nigeria while one was retained by the department as a promising academic.

By 1972, the Department reviewed its programme to include several courses in Health Education. Consequently, the Department changed its name to Health and physical Education.

During the 1987/88 academic year, the Department introduced the sandwich degree programme. The two-year regular degree programme of the Department for NCE holders was offered as four-year B.Sc. sandwich programme. Since then, the Sandwich degree programme of the Department has been a success story as has been. The regular programme, following the NUC accreditation of the programmes, the two-year degree programme was discontinued.

During the 1991/92 session, the Department started to offer two separate degree programmes as recommended by the NUC as follows:

- i. B.Sc. degree programme in Health Education
- ii. B.Sc. degree programme in Physical Education and Recreation

### **Philosophy**

The philosophy of the programme of Human Kinetics and Sports Studies, is derived from the Nigerian philosophy of education which advocates for self-reliance, democratic living and national unity. Therefore, as an academic discipline, the programme is designed to prepare professionally qualified persons who can teach, organize, administer as well as lead the programme of physical activities and sports in Educational Institutions, Sports Clubs, Recreation and Fitness Establishments, Rehabilitation Centres, media establishments, and the Community.

As the Nigeria National Policy of Education provides that the teaching of Physical Education be emphasized at all levels of education; and as the country makes huge financial investments committed to sports development, it is absolutely necessary to train and produce qualified practitioners in this area so that within-school and out-of-school, the practice and management of Human Kinetics and Sports programmes can be advanced from sound theoretical and scientific perspectives thereby contributing to the attainment of nation's aspirations.

The philosophy of the programme of Public Health and Health Promotion also is derived from the Nigerian philosophy of education, which advocates education for self-reliance, democratic living and national unity. Health runs on a continuum ranging from wellness to illness and death. The human history is that of continuous effort to strike a balance along this continuum with the aim of postponing the ultimate end which is death. This could be achieved through carefully planned and executed body of learning aimed at increasing both the wellness, knowledge, illness prevention, and self-efficacy. Health Education and Promotion, in a nutshell, are meant to alleviate illness and health conditions through primary and secondary preventions.

### Objectives

This Bachelor's Degree Programme (B.Sc.) in Human Kinetics and Sports Studies is intended to:

- i. Produce graduate who are well equipped with the knowledge and skills for teaching physical activities in primary, secondary and tertiary institutions in Nigeria.
- ii. Equip graduates with the necessary competences to plan and implement successful sports programmes at all the three tiers of educational institutions in Nigeria.
- iii. Produce efficient and competent graduates who can occupy leadership position in sports and recreation administration at Educational, Institutional Community, State and National levels.
- iv. Produce well qualified and competent high level personnel who can serve in Sports Research Centres, Rehabilitation institutions as expert physical therapists, and lecturers in academic institutions.

The B.Sc. programme of Public Health and Health Promotion is designed to:

- i. offer the students the skills and competencies needed to function effectively as graduate teachers of health education /health science in schools and colleges;
- ii. sufficiently prepare the students to take up a career in academics as public health and health promotion lecturers;
- iii. train health counselors for schools, hospitals, industries and community;
- iv. produce safety personnel in industries; and
- v. produce health programme officers, assistants and consultants for health related NGOs.

### Scope

The B.Sc. degree programme in Human Kinetics and Sports Studies covers courses in the following areas:

- i. Development of human kinetics and sports skills;
- ii. Sports studies;
- iii. Management and pedagogy;
- iv. Scientific basis of human kinetics and Sports studies;
- v. Recreation and Tourism

In like manner the B.Sc. programme in Public Health and Health Promotion covers a wide range of arrears which include:

- i. School Health
- ii. Public Health
- iii. Personal Health

### Mode of Study

The degree programmes in Human Kinetics and Sports Studies, and Public Health and Health Promotion can be completed in any of the following modes:

1. Four - year programme for Unified Tertiary Matriculation Examination (UTME) candidates.
2. Three - year programme for Direct Entry candidates.

### Entry Requirements

In addition to the university minimal Entrance and Admission requirements candidates seeking admission into the degree programme of Human Kinetics and Sports Studies must possess the following qualifications:

#### (I) For Four year B.Sc. Degree (UTME)

(a) Credit pass obtained in five subjects in not more than two sittings. The subjects must include i. English Language, and ii. Biology or Health science or Physical Education or Agricultural Science or Chemistry or Physics in the West African School Certificate Examination (WASC), General Certificate in Education (GCE), Senior School Certificate Examination (SSCE), National Examination Council (NECO) or National Business and Technical Examination Board (NABTEB).

(b) A pass in departmental Screening test on practical sports skills.

(c) TCII merit pass obtained in five subjects including: i. English Language and Biology or Health science or Physical Education or Agricultural Science or Chemistry or Physics.

#### (II) For Three Year B. Sc. Degree (DE)

(a) Pass at Distinction/Credit/Merit level in NCE Courses including Health and Physical Education/integrated Science/Food and Nutrition from colleges of Education recognized by the University of Nigeria, Nsukka;

- (b) Minimum of merit level in the National Institute for Sports (NIS) certificate or its equivalent.
- (c) Distinction/credit/merit level in the Two-year Diploma programme of the University of Nigeria Nsukka or any other recognized University, plus credit pass in Five (5) subjects in WASC/GCE/SSCE/NECO obtained in not more than two sittings which must include English Language and at least one of the following subjects: Biology, Health science, Physical Education, Chemistry, Agricultural Science, or Physics.

In addition to university normal entrances and admission requirements, candidates seeking admission into the Public Health and Health Promotion degree programme must possess the following:

- i. **For four-year degree programme(UTME)**  
Credit in biology/Health Science/Health or Physical Education or their equivalent in 'O' level WAEC, or GCE, or SSC or NECO in not more than two sittings.
- ii. **For three-year degree programme (DE)**
  - a. Two or more advanced papers in GCE or HSC of which one must be biology or zoology;
  - b. Pass in NCE health and physical education or biology/ integrated science/ food and nutrition from any approved college of education recognized by the university of Nigeria;
  - c. A pass in two year diploma in Health and Physical Education of the university of Nigeria or any other approved university with distinction, or credit or merit plus credit level pass in 4 subjects in GCE, WAEC, SSCE, or NECO obtained in not more than two sittings;
  - d. Technical Teachers Certificates in Health Education obtained from a recognized institution;
  - e. At least pass in a three-year health education, health technology/nursing/ public health nursing diploma programme/community health workers or an equivalent health programme in a recognized university or health institution.
  - f. Diploma in Public Health Nursing, or Registered Nurse (RN), Registered Midwife (RM), Registered Nurse Tutor (RNT), Community Health Officers (CHO) certificates obtained from any institution recognized by the University.

### Job Opportunities

Graduates of **Human Kinetics and Sports Studies** programme are qualified for appointment as:

- a. Physical Education/ Human Kinetics/ Sports teachers at any level of Educational institutions;
- b. Organizing secretaries in State Sports Councils, National Sports Commission and sports Clubs;
- c. Directors of sports in Sports Councils and Institutions of higher learning;
- d. Directors and Managers of Recreation, Fitness and Tourism Establishments
- e. Physical and occupational therapists in rehabilitation and orthopedic hospitals and establishments;
- f. Coaches in sports institutions;
- g. Trainers in Military and Para-military agencies;
- h. Sports reporters and writers in media industries.

There are abundant job opportunities for graduates of Public Health and Health Promotion in health institutions, industries, schools,, electronics and print media. The graduates can function effectively as health educators to the institute of child health, family planning clinics and Maternal and Child Health (MCH) units in teaching and specialist hospitals. Employment opportunities exist in industries for the graduates who may wish to work as safety personnel and health counselors. Products of the programme can comfortably secure teaching appointments in the primary, secondary, and tertiary educational institutions. The programme also sufficiently prepares the graduates for the job of programme officers and assistants in health related NGOs. Graduates may be employed as Health consultants or coordinators.

### Stress Areas

Foundational Courses	0
Development of Human Movement Skills	1
Recreation and Outdoor studies	2
Scientific Basis of Human Movement	3
Management and Pedagogy	4
School Health Education	5
Public Health	6
Personal Health	7
Seminar	8
Projects	9

### Four Year Standard Degree Programme in Human Kinetics and Sports Studies

#### First Year

#### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 101	Introduction to Education	3
EDU 103	History of Education	3
HKS 101	Philosophical & Historical foundations of Human Kinetics & Sports Studies	2
HKS 103	Introduction to Sports Journalism	2
HKS 113	Skills & Techniques of Track & Field Athletics	2
HKS 131	Weight training & Physical Fitness	2
<b>Required Ancillary Courses</b>		
BIO 151	General Biology I	3
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
		19
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
HKS 112	Basic Skills of Swimming and Water Safety	2
HKS 114	Skills and Techniques Development in Team Sports 1 (Ball Games: Soccer Volleyball, Handball and Basketball)	4
HKS 116	Movement Education and Creative Dance	2
PHP 164	Community Health	2
MAC 112	Writing for the Mass Media	2
<b>Required Ancillary Courses</b>		
BIO 152	General Biology II	3
BIO 154	General Biology III (Practical)	2
<b>General Studies Course</b>		
GSP 102	The Use of English II	2
		19
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 211	Educational Psychology	2
EDU 221	Curriculum Theory and Planning	2
EDU 341	Research Methodology	2
HKS 211	Skills & Techniques Development in Team Sports (Stick Games:	2
HKS 223	Principles of Recreation, Outdoor Pursuits and Tourism	2
HKS 231	Human Anatomy and Physiology	2
HKS 243	Curriculum Planning in Human Kinetics and Sports Programmes	2
HKS 245	Methods & Resources for Conduct of Human Kinetics Programme in Schools	2
MAC 203	Report	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 201	Peace and conflict resolution	2
		22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 322	Curriculum Implementation and Instruction	2
HKS 212	Skills & Techniques Development in Racquet games (Badminton, Tennis, Table Tennis and Squash)	3
HKS 218	Gymnastics (Floor Activities and Apparatus Work)	2
HKS 232	Sociological Basis of Human Kinetics and Sports Studies	2
HKS 238	Motor Learning and Human Performance	2
HKS 234	Psychology of Sports	2
HKS 236	Principles & methods of Exercise Prescription for Diverse Population	2
HKS 244	Adapted Physical Education	1
PHP 252	School Health Education	2
<b>General Studies Course</b>		

		Programmes	515
GSP 202	Issues in Peace and Conflict Resolution Studies		2
			20
<b>Third Year</b>			
<b>First Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
EDU 325	Teaching Practice 1		3
HKS 313	Practical Sports Coaching, Officiating & Game Analysis (Racquet, Track & Field Athletics)		2
HKS 331	Principles of Athletic & Fitness Conditioning		1
HKS 341	Professional Discovering Procedures in Human Kinetics & Sports Studies		2
HKS 343	Practicum in Human Kinetics and Sports Studies		2
HKS 345	Planning & Management of Intramural & Interscholastic Sports Programmes		2
PHP 373	Adolescent and Adult Health		2
<b>Required Ancillary Courses</b>			
ZOO 311	Basic Physiology		4
CED 341	Introduction to Entrepreneurship		2
<b>General Studies Course</b>			
GSP 105	Natural Science 1		2
			22
<b>Second Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
EDU 224	Educational Technology		2
EDU 312	Educational Psychology 11		2
HKS 332	Physiology of Human Activity & Biomechanics		2
HKS 334	Scientific & Psychological Basis of Sports Coaching		2
HKS 336	Statistical Application in Human Kinetics & Sports Studies		2
HKS 338	Measurements & Evaluation of Human Performance Efficiency in Human Kinetics & Sports		2
HKS 342	Administration of Community Recreation & Tourism		2
HKS 346	Common Sports Injuries, First Aid Care & Safety Education		2
<b>Required Ancillary Courses</b>			
COS 304	Computer Applications		2
CED 342	Business Development and Management		2
<b>General Studies Course</b>			
GSP 106	Natural Science II		2
			22
<b>Fourth Year</b>			
<b>First Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
EDU 425	Teaching Practice II		3
HKS 411	Practical Sports Coaching, Officiating, Game Analysis 11 (Team Sports: Ball & Stick Game)		2
HKS 413	ICT Utilization for Data Organization & Presentation in Human Kinetics & Sports Studies		2
HKS 415	Kinesiology of Sports & Human M		2
HKS 431	Nutrition & Ergogenic Aids in Sports		2
HKS 445	Sports Law and Ethics		1
HKS 447	Sports Marketing and Sponsorship		2
HKS 481	Seminar in Human Kinetics and Sports Studies		2
			16
<b>Second Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
EDU 412	Educational Psychology III		2
HKS 412	Human Movement Programme for Special Needs Group		2
HKS 418	Advanced Skills of Soccer and Tennis		2

HKS 424	Issues and Problems in Human Kinetics and Sports Studies	2
HKS 442	Planning and Administration of Competitive Sports	2
HKS 444	Supervision in Human Kinetic and sports Programme	2
HKS 446	Planning, Construction, and Maintenance of Sports Facilities	2
HKS 490	Project Report	4
		18

### Three- Year Standard Degree Programme in Human Kinetics and Sports Studies

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
HKS 103	Introduction to Sports journalists	1
HKS 211	Skills & Techniques Development in Team Sports (Hockey & Cricket)	2
HKS 223	Principles of Recreation, Outdoor Pursuits and Tourism	2
HKS 231	Human Anatomy and Physiology	2
HKS 243	Curriculum Planning in Human Kinetics and Sports Programme	2
HKS 245	Methods & Resources for Conduct of Human Kinetics Programme in Schools	2
PHP 253	School Health Education	2
<b>General Studies Courses</b>		
COS 101	Introduction to Computer Science	2
PHP 201	The Social Sciences	2
		22

##### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 224	Educational Technology	2
EDU 322	Curriculum Implementation and Instruction	2
HKS 212	Skills & Techniques Development in Racquet Games (Badminton, Tennis, Table tennis & Squash)	2
HKS 218	Gymnastics (Floor Activities and Apparatus Work)	2
HKS 222	Sociological Basis of Human Kinetics and Sports Studies	2
HKS 238	Motor Learning and Human Performance	2
HKS 234	Psychology of Sports	2
HKS 236	Principles & Methods of Exercise Prescription for Diverse Population	2
HKS 244	Adapted Physical Education	1
<b>General Studies Courses</b>		
GSP 202	Issues in Peace and Conflict Resolution Studies	2
		19

#### Second Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 325	Teaching Practice 1	3
EDU 341	Research Methodology	2
HKS 211	Skills & Techniques Development in Team Sports II (Stick Games: Hockey and Cricket)	2
HKS 313	Practical Sports Coaching, Officiating & Game Analysis 1 (Racquet Games, Tracks and Field Athletics)	2
HKS 341	Professional Discovering Procedures in Human Kinetics and Sports Studies	2
HKS 343	Practicum in Human Kinetics and Sports Studies	2
HKS 345	Planning & Management of Intramural & Interscholastic Sports Programme	2
PHP 373	Adolescent and Adult Health	2
<b>Required Ancillary Courses</b>		
ZEB 310	Basic Physiology	4
CED 341	Introduction to Entrepreneurship	2
		23

##### Second Semester



CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 312	Educational Psychology II	2
HKS 112	Basic Skills of Swimming and Water Safety	2
HKS 114	Skills and Techniques Development in Team Sports I (Ball games: soccer, Volleyball, Handball, and Basketball)	4
HKS 334	Scientific & Psychological Basis of Sports Coaching	2
HKS 336	Statistical Application in Human Kinetics and Sports Studies	2
HKS 338	Measurement & Evaluation of Human Performance Efficiency in Human Kinetics and Sports	2
HKS 342	Administration of Community Recreation and Tourism	2
HKS 346	Common Sports Injuries, First Aid Care & Safety Education	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
CED 342	Business Creation and Growth	2
		<hr/> 22

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
HKS 411	Practical Sports Coaching, Officiating Game Analysis II (Team Sports: Ball and Stick Game)	2
HKS 413	ICT Utilization for Data Organization & Presentation in Human Kinetics & Sports Studies)	2
HKS 415	Kinesiology of Sports & Human Movement	2
HKS 431	Nutrition and Ergogenic Aids in Sports	2
HKS 445	Sports Law and Ethics	1
HKS 447	Sports Marketing and Sponsorship	2
HKS 481	Seminar in Human Kinetics and Sports Studies	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
HKS 412	Human Movement Programme for Special Needs Group	2
HKS 418	Advanced Skills of Soccer and Tennis	2
HKS 424	Issues and Problems in Human Kinetics and Sports Studies	2
HKS 442	Planning and Administration of Competitive Sports	2
HKS 444	Supervision in Human Kinetic and Sports Programme	2
HKS 446	Planning, Construction, and Maintenance of Sports Studies	2
HKS 490	Project	4
		<hr/> 16

**Department of Library and Information Science****Staff**

N. E. Achebe, B.Ed. (Nigeria), M.L.S. (Ibadan), M.Ed., Ph.D. (Nigeria)	Professor /Head
F. C. Ekere, B.L.S. (Zaria), M.L.S. (Zaria), Ph.D. (Nigeria),	Professor
V. N. Nwachukwu, B.LIS., M.L.S., Ph.D. (Nigeria)	Professor
C. O. Omekwu, B.A. (ABU), M.L.S. (Ibadan), Ph.D. (Ibadan),	Professor
M. N. Ngwuchukwu, B.A., PGDE, LLB, M.L.S., Ph.D. (Nigeria),	Senior Lecturer
A. J.C. Mole, NCE, B.A., M.L.S., Ph.D. (Nigeria)	Lecturer I
E. O. Omeje, B.Sc., PGDE, M.L.S., Ph.D. (Nigeria),	Lecturer I
K. Ihejirika, B.Sc. (Nigeria), M.L.S. (Nigeria)	Lecturer II
A. C. Izuchukwu, B.A. (Nigeria), M.L.S., (Nigeria), MIT (Pretoria),	Lecturer II
U.B. Ugwuowo B.Sc. (Nigeria), M.L.S. (Nigeria), Ph.D. (Nigeria),	Lecturer II
G. U. Onyebuchi, B.A. (Nigeria), M.L.S. (Nigeria),	Lecturer II
B.O. Agu (Rev. Fr.) B.Sc., B.A, MA, M.L.S. (Nigeria),	Lecturer II
V. Y. Akamidu, B.LIS. (Nigeria), M.L.S. (Nigeria)	Lecturer II
I. E. Obim, B.Sc. (Nigeria), PGD(Nigeria), M.L.S. (Nigeria)	Assistant Lecturer

E. T. Babarinde, B.A. (Nigeria), M.L.S. (Nigeria),	Assistant Lecturer
E. U. Nwankwo, B.Sc. (Nigeria), M.L.S. (Nigeria)	Assistant Lecturer
C. E. Uzoechina, B.LIS (Nigeria)	Graduate Assistant
E. A. Okonkwo, B.LIS (Nigeria)	Assistant Tutor
I. G. Ihedioha, B.Sc., M.Sc. (Nigeria),	Principal Op. Manager
C. O. Attamah, B.A. (Nigeria)	Higher Technical Officer II
N. M. Agubata, B.LIS (Nigeria)	Library Officer II
S. I. Omego, B.Ed. (Nigeria)	Higher Technical Officer II
F. U. Nwachukwu, NCE	Higher Technical Officer II
F. E. Ozioko, B.Sc. (Nigeria)	Chief Data Entry Operator/ Asst. Executive Officer

### Philosophy, Objectives and Scope

Library and Information Science is a discipline concerned with the study of the principles and skills required for systematic collection, organization and utilization of societies' information resources in libraries and allied institutions. It is also concerned with the forces governing the flow of information resources and with creating ready access to these resources.

The specific objectives of the B.L.I.S. course are as follows:

- To offer basic theoretical knowledge and skills required for effective performance of professional duties in libraries, information centres and related institutions;
- To provide relevant practical exposure and competence necessary for enhanced job performance;
- To develop and encourage the spirit of enquiry and creativity required to meet the challenges of rapid change and the knowledge explosion, technological development, new media and new approaches in education;
- To explore means of meeting the information needs of all segments of the population and extending the library's informational, educational and cultural roles in society.

The Department offers an honours degree programme leading to the Bachelor of Library and Information Science (B.L.I.S.) Degree. The programme provides a basic professional course that will prepare librarians for all types of libraries and related documentation and information centres. To this end, students combine professional courses in library and information science with subject specialization in a discipline of the arts, sciences and social sciences.

The undergraduate programme is modeled on the current NUC Minimum Academic Standards for Library and Information Science, brought out in 1999. These stipulate core and elective courses in library and information science as well as a number of cognate courses in other disciplines. The study of another discipline is dictated by the nature of the library profession, which requires both professional skills and a broader academic background for effective practice. Such aspects of library service as cataloguing and classification, book selection and reference work require specialized knowledge of a subject area as well as professional expertise.

### Duration of the Course

The programme may be completed full-time in four years by candidates admitted through entrance examination and in three years for those admitted by direct entry.

### Admission Requirements

Students admitted by entrance examination must meet University minimum entry requirements of at least five credits, including credits in English and a Science subject, in not more than two sittings, in the West African School Certificate or its equivalent.

Direct entry candidates must hold one of the following qualifications:

- Nigerian Certificate in Education (NCE) with at least merit in Library and Information Science;
- Diploma in Library and Information Science with at least merit;
- Higher School Certificate/G.C.E. Advanced Level in at least two subjects.

### Job Opportunities

Students successfully graduating in the programme are well equipped for higher degree programmes in library and information science. They are also equipped for rewarding employment in library and information centres such as national and public libraries, academic libraries, special libraries, and school libraries. There are also increasing opportunities as library and information specialists in research

institutes, museums, archives, industries, commercial establishments, government departments, and international organizations.

### **Bachelor of Library and Information Science (B.L.I.S.)**

#### **Four-Year Standard Programme**

##### **First Year**

##### **First Semester**

CODE	TITLE	UNITS
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##### **Major Courses**

LIS101	Libraries and Society	2
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LIS103	Library Visits and Orientation	2
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##### **Required Ancillary Courses**

COS101	Introduction to Computer Science	2
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EDU101	Introduction to Education	2
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##### **General Studies Courses**

GSP101	Use of English I	2
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GSP105	Natural Science I or GSP 103 Social Science I	2
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GSP111	Library Use and Study Skills I	
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<b>Cognate Courses in the Arts, Sciences, Social Sciences</b>		6
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##### **Second Semester**

CODE	TITLE	UNITS
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##### **Major Courses**

LIS 102	History of Libraries	2
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LIS 104	Introduction to Library Resources and Services	3
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##### **General Studies Courses**

GSP102	Use of English II	2
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GSP 106	Natural Science II or GSP 104 Social Science II	2
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<b>Cognate Courses in the Arts, Sciences, Social Sciences</b>		6
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##### **Second Year**

##### **First Semester**

CODE	TITLE	UNITS
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##### **Major Courses**

LIS211	Collection Development	2
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LIS213	Technical Services in Libraries	2
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LIS241	Introduction to Library Administration	2
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LIS243	Library and information Services to Disadvantaged Communities	2
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##### **Required Ancillary Courses**

EDU211	Educational Psychology I	2
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##### **General Studies Courses**

GSP201	Peace and Conflict Resolution I	2
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GSP207	Humanities I or GSP 105 Natural Science I	2
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<b>Cognate Courses in the Arts, Sciences, Social Sciences</b>		6
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##### **Second Semester**

CODE	TITLE	UNITS
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##### **Major Courses**

LIS212	Organisation of Knowledge I	3
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LIS232	Introduction to Bibliography	2
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LIS252	Computers and Data Processing	2
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<b>Electives: 2 Units to be chosen from:</b>		2
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LIS222	Oral Traditions and Cultural Literature	2
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LIS234	Information Users	2
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LIS242	Library Work with Children & Youth	2
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##### **General Studies Courses**

GSP202	Peace and Conflict Resolution II	2
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GSP208	Humanities II or GSP 106 Natural Science II	2
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<b>Cognate Courses in the Arts, Sciences, Social Sciences</b>		6
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<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
LIS 311	Organisation of Knowledge II	3
LIS 331	Introduction to Information Science	2
LIS 361	Research Methods in LIS	3
<b>Required Ancillary Course</b>		
CED341	Introduction to Entrepreneurship	2
<b>Cognate Courses in the Arts, Sciences, Social Sciences</b>		6
		16
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
LIS352	Library Practice and Internship (SIWES)	15
<b>Required Ancillary Course</b>		
CED342	Business Development and Management	2
		17
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
LIS421	Audiovisual Librarianship	2
LIS431	Reference & Information Services	2
<b>Electives: 4 units to be chosen from</b>		4
LIS423	Literature of African Studies	2
LIS425	Literature of Humanities and Social Sciences	2
LIS427	Literature of Science and Technology	2
<b>Electives: 2 units to be chosen from</b>		2
LIS441	National and Public Libraries	2
LIS443	Academic and Special Libraries	2
LIS445	School Libraries and Media Resource Centres	2
<b>Cognate Courses in the Arts, Sciences, Social Sciences</b>		6
		16
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
LIS402	Contemporary Technology in Libraries	2
LIS412	Indexing and Abstracting	2
LIS462	Project	4
<b>Electives: 4 Units to be chosen from:</b>		4
LIS404	Publishing and Book Production	2
LIS414	Preservation and Conservation of Library Materials	2
LIS422	Government and Serials Publications	2
LIS424	Children's Literature	2
LIS442	Archives Admin. & Records Management <sup>2</sup>	2
LIS444	Inter-library Cooperation and Information Networks	2
LIS446	Library and Information Service Policy 2	2
LIS448	Library Marketing and Public Relations	2
<b>Cognate Courses in the Arts, Sciences, Social Sciences</b>		4
		16
<b>Three Year Standard Programme</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
LIS211	Collection Development	2
LIS213	Technical Services in Libraries	2

LIS241	Introduction to Library Administration	2
LIS243	Library and information Services to Disadvantaged Communities	2
<b>Required Ancillary Course</b>		
EDU211	Educational Psychology I	2
<b>General Studies Courses</b>		
GSP101	Use of English I	2
GSP105	Natural Science I or GSP207 Humanities I	2
GSP201	Peace and Conflict Resolution	2
<b>Cognate Courses in the Arts, Sciences, Social Sciences</b>		6
		<hr/> 22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
LIS104	Introduction to Library Resources and Services	3
LIS212	Organisation of Knowledge I	3
LIS232	Introduction to Bibliography	2
LIS252	Computers and Data Processing	2
<b>Electives:</b> 2 Units to be chosen from:		2
LIS222	Oral Traditions and Cultural Literature	2
LIS234	Information Users	2
LIS242	Library Work with Children & Youth	2
<b>General Studies Courses</b>		
GSP102	Use of English II	2
GSP106	Natural Science II, or GSP 208 Humanities II	2
GSP202	Peace and Conflict Resolution	2
<b>Cognate Courses in the Arts, Sciences, Social Sciences</b>		6
		<hr/> 24
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
LIS 311	Organisation of Knowledge II	3
LIS 331	Introduction to Information Science	2
LIS 361	Research Methods in LIS	3
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
CED341	Introduction to Entrepreneurship	2
<b>Cognate Courses in the Arts, Sciences, Social Sciences</b>		6
		<hr/> 18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
LIS352	Library Practice and Internship (SIWES)	15
<b>Required Ancillary Course</b>		
CED342	Business Development and Management	2
		<hr/> 17
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
LIS421	Audiovisual Librarianship	2
LIS431	Reference & Information Services	2
<b>Electives:</b> 4 units to be chosen from		4
LIS423	Literature of African Studies	2
LIS425	Literature of Humanities and Social Sciences	2
LIS427	Literature of Science and Technology	2
<b>Electives:</b> 2 units to be chosen from		2
LIS441	National and Public Libraries	2
LIS443	Academic and Special Libraries	2

LIS445	School Libraries and Media Resource Centres2	2
<b>Cognate Courses in the Arts, Sciences, Social Sciences</b>		6
		16
<hr/>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
LIS402	Contemporary Technology in Libraries	2
LIS412	Indexing and Abstracting	2
LIS462	Project	4
<b>Electives:</b> 4 Units to be chosen from:		4
LIS404	Publishing and Book Production	
LIS414	Preservation and Conservation of Library Materials	2
LIS422	Government and Serials Publications	2
LIS424	Children's Literature	2
LIS442	Archives Admin. & Records Management2	
LIS444	Inter-library Cooperation and Information Networks	2
LIS446	Library and Information Service Policy	2
LIS448	Library Marketing and Public Relations	2
<b>Cognate Courses in the Arts, Sciences, Social Sciences</b>		4
		16
<hr/>		
<b>Cognate Courses</b>		
<b>Botany</b>		
<b>Four Year Standard Programme</b>		
<b>First Year</b>		
BIO151	General Biology	3
CHM 101	Basic Principles of Chemistry I	2
PSB101	General Plant Science	2
PSB102	General Plant Biotechnology	2
BIO152	General Biology	3
BIO154	General Biology Practical	2
<b>Second Year</b>		
PSB 211	Phycology and Bryology	2
PSB 221	General Plant Anatomy	2
PSB 241	General Mycology	2
PSB 246	General Plant Pathology	2
PSB 331	General Plant Physiology	2
PSB 371	Principles of Plant Biotechnology	2
<b>Third Year</b>		
PSB 313	Morphology & Phytosystematics of Higher Plants	2
PSB 355	General Plant Molecular Biology	2
<b>Electives:</b> 3 units to be chosen from the following or other approved elective		3
PSB 315	Paleobotany	2
PSB 363	Forest Resource Conservation	3
PSB 365	Vulnerability and Adaptation of Plants to Climate Change	1
PSB 367	Climate Change and Global Mitigation Policies and Strategies	1
<b>Fourth Year</b>		
PSB 431	Advances in Plant Physiology	2
PSB 441	Advances in Plant Pathology	2
PSB 455	Advances in Plant Molecular Biology	2
PSB 463	Economic and Industrial Botany	2
PSB 462	Plant Ecology	2
PSB 464	Phytoremediation and Erosion Management	2
<b>Botany</b>		
<b>Three Year Standard Programme</b>		
<b>First Year</b>		
PSB 211	Phycology and Bryology	2

PSB 221	General Plant Anatomy	2
PSB 241	General Mycology	2
PSB 246	General Plant Pathology	2
PSB 331	General Plant Physiology	2
PSB 371	Principles of Plant Biotechnology	2

**Second Year**

PSB 313	Morphology & Phytosystematics of Higher Plants	2
PSB 355	General Plant Molecular Biology	2
<b>Electives:</b> 3 units to be chosen from the following or other approved elective		3
PSB 315	Paleobotany	2
PSB 363	Forest Resource Conservation	2
PSB 365	Vulnerability and Adaptation of Plants to Climate Change	1
PSB 367	Climate Change and Global Mitigation Policies and Strategies	1

**Third Year**

PSB 431	Advances in Plant Physiology	2
PSB 441	Advances in Plant Pathology	2
PSB 455	Advances in Plant Molecular Biology	2
PSB 463	Economic and Industrial Botany	2
PSB 462	Plant Ecology	2
PSB 464	Phytoremediation and Erosion Management	2

**Chemistry****Four Year Standard Programme****First Year**

CHM 101	Basic Principles of Chemistry I	2
CHM171	Basic Practical Chemistry	2
CHM111	Basic Principles of Chemistry II	2
CHM121	Basic Principles of Chemistry III	2

**Second Year**

CHM201	General Inorganic Chemistry	2
CHM211	General Physical Chemistry	2
CHM221	General Organic Chemistry I	2
CHM273	Practical Organic Chemistry I	2
CHM 232	Analytical Chemistry	2
CHM 271	Practical Physical Chemistry I	2
CHM 274	Practical Inorganic Chemistry I	2

**Third Year**

CHM321	Organic Chemistry I	2
CHM 373	Practical Organic Chemistry II	2

**Fourth Year**

CHM 301	Inorganic Chemistry I	2
CHM311	Physical and Structural Chemistry I	2
CHM 302	Inorganic Chemistry II	2
CHM 322	Organic Chemistry II	2
CHM 372	Practical Inorganic Chemistry II	2

**Chemistry****Three-Year Standard Programme****First Year**

CHM201	General Inorganic Chemistry	2
CHM211	General Physical Chemistry	2
CHM221	General Organic Chemistry I	2
CHM273	Practical Organic Chemistry I	2
CHMv232	Analytical Chemistry	2

CHM272	Practical Physical Chemistry I	2
CHM 274	Practical Inorganic Chemistry I	2

**Second Year**

CHM321	Organic Chemistry I	2
CHM373	Practical Organic Chemistry II	2

**Third Year**

CHM 301	Inorganic Chemistry I	2
CHM311	Physical and Structural Chemistry I	2
CHM 302	Inorganic Chemistry II	2
CHM 322	Organic Chemistry II	2
CHM 372	Practical Inorganic Chemistry II	2

**Economics****Four-Year Standard Programme****First Year**

ECO101	Principles of Economics I	2
ECO131	Introduction to Economic Statistics I	2
ECO 102	Principles of Economics II	2
ECO122	Introduction to Business Accounting	2
ECO132	Introduction to Economic Statistics II	2

**Second Year**

ECO201	Microeconomic Theory I	2
ECO203	Macroeconomic Theory I	2
ECO202	Microeconomic Theory II	2
ECO204	Macroeconomic Theory II	2
ECO212	History of Economic Thought I	3

**Third Year**

ECO281	Structure of the Nigerian Economy I	2
ECO361	Development Economics	2

**Fourth Year**

ECO 301	Intermediate Microeconomic Theory	4
ECO465	Economic Planning I	2
ECO302	Intermediate Macroeconomic Theory	4
ECO466	Economic Planning II	2

**Economics****Three-Year Standard Programme****First Year**

ECO201	Microeconomic Theory I	2
ECO203	Macroeconomic Theory I	2
ECO202	Microeconomic Theory II	2
ECO204	Macroeconomic Theory II	2
ECO212	History of Economic Thought	3

**Second Year**

ECO281	Structure of the Nigerian Economy I	2
ECO361	Development Economics	2

**Third Year**

ECO 301	Intermediate Microeconomic Theory	4
ECO465	Economic Planning I	2
ECO302	Intermediate Macroeconomic Theory	4
ECO466	Economic Planning II	2



**English****Four-Year Standard Programme****First Year**

ELS 121	Basic Grammar and Composition	3
ELS 131	Introduction to Oral Literature	3
ELS 140	Introduction to Drama	3
ELS 150	Introduction to Poetry	3
ELS 160	Introduction to Fiction	3

**Second Year**

ELS211	American Literature: The Beginning to the Romantic Movement	2
ELS213	English Literature: Renaissance Period	3
ELS221	Spoken English	
ELS222	Intermediate English Grammar and Composition	3
ELS212	American Literature: The Modern Period	2
ELS214	English Literature: Neo-classical Period	3

**Third Year**

ELS311	English Literature: Romantic Movement	3
ELS351	African Poetry	3
ELS 340	African Fiction	3
ELS 336	African Drama	

**Fourth Year**

ELS442	African- American Literature OR	3
ELS413	European continental Literature OR	3
ELS461	Studies in Fiction	3
ELS442	Studies in Drama	3
ELS452	Studies in Poetry	3

**English****Three-Year Standard Programme****First Year**

ELS211	American Literature: The Beginning to the Romantic Movement	2
ELS213	English Literature: Renaissance Period	3
ELS221	Spoken English	3
ELS222	Intermediate English Grammar and Composition	3
ELS212	American Literature: The Modern Period	2
ELS214	English Literature: Neo-classical Period	3

**Second Year**

ELS311	English Literature: Romantic Movement	3
ELS351	African Poetry	3
ELS 340	African Fiction	3
ELS 336	African Drama	3

**Third Year**

ELS442	African- American Literature OR	3
ELS413	European Continental Literature OR	3
ELS461	Studies in Fiction	3
ELS442	Studies in Drama	3
ELS452	Studies in Poetry	3

**French****Four-Year Standard Programme****First Year**

FRE 111	French Grammar I	2
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FRE 121	Introduction to French Composition	2
FRE 131	Readings in French I	2
FRE 161	Oral French I.	2
FRE 112	French Grammar II	2
FRE 122	Introduction to French Composition II	2
FRE 132	Readings in French II	2
FRE 162	Introduction to French Phonetics & Phonology	3

**Second Year**

FRE 211	French Grammatical Structures	2
FRE 231	Critical approaches to Literature	2
FRE 232	Introduction to Literature in French	2
FRE 222	French Comprehension and Stylistics	3
FRE 235	Introduction to French Poetry	2
FRE 251	Introduction to Culture and Civilisation of Francophone Africa	2

**Third Year**

FRE311	Advanced Studies in French Studies I	2
FRE 331	African Literatures Written in French	2
FRE 332	French Prose	
FRE 333	French Literature of the 18 <sup>th</sup> Century	2
FRE 341	Introduction to Translation I	2
FRE 351	Culture and Civilization of France	2
FRE 361	Advanced Studies in French Phonetics	2
FRE 362	Communication Skills	1

**Fourth Year**

FRE 233	Introduction to French Theatre	2
FRE 333	Introduction to French Prose	2
FRE 436	African Literature in French II - Fiction	2

**French****Three-Year Standard Programme****First Year**

FRE 211	French Grammatical Structures	2
FRE 231	Critical approaches to Literature	2
FRE 232	Introduction to Literature in French	2
FRE 222	French Comprehension and Stylistics	3
FRE 235	Introduction to French Poetry	2
FRE 251	Introduction to Culture and Civilisation of Francophone Africa	2

**Second Year**

FRE311	Advanced Studies in French Studies	2
FRE 331	African Literatures Written in French	2
FRE 332	French Prose	2
FRE 333	French Literature of the 18 <sup>th</sup> Century	2
FRE 341	Introduction to Translation I	2
FRE 351	Culture and Civilization of France	2
FRE 361	Advanced Studies in French Phonetics	2
FRE 362	Communication Skills	1

**Third Year**

FRE 233	Introduction to French Theatre	2
FRE 333	Introduction to French Prose	2
FRE 436	African Literature in French II - Fiction	2

**Geography****Four-Year Standard Programme****First Year**

GEO 101	Basic Elements of Land Forms & the Hydrosphere	2
GEO 104	Fundamentals of Human Geography I	2

GEO 121	Basic Statistical Methods for Geographers I	2
GEO 102	Basic Elements of the Atmosphere and Biosphere	2
GEO 104	Fundamentals of Human Geography II	2
GEO 122	Basic Statistical Methods for Geographers II	2

**Second Year**

GEO 131	Introduction to Mapwork & Practical Geography	3
GEO 211	Development & Structural Basis of Geomorphology	2
GEO 213	The Physical Basis of Climate	2
GEO 212	Geomorphologic Processes and Forms	2
	Climatic Systems and Regional Climates	2
GEO 214		
GEO 262	Introduction to Environmental Science	3

**Third Year**

GEO 215	Introductory Biogeography	2
GEO 271	Spatial Organization of Society	3
GEO 341	Principles & Methods of Population Geography I	2
GEO 351	Economic Geography	2

**Fourth Year**

GEO 451	The Developing World	2
GEO 463	Environmental Protection and Management	2
GEO 481	Geographical Regions of Nigeria	2
GEO 452	The Developed World	2
GEO 482	Geography of Nigerian Development	2

**Geography****Three-Year Standard Programme**

GEO 131	Introduction to Map work & Practical Geography	3
GEO 211	Development & Structural Basis of Geomorphology	2
GEO 213	The Physical Basis of Climate	
GEO 212	Geomorphologic Processes and Forms	2
GEO 214	Climatic Systems and Regional Climates	2
GEO 262	Introduction to Environmental Science	3

**Second Year**

GEO 215	Introductory Biogeography	2
GEO 271	Spatial Organization of Society	3
GEO 341	Principles and Methods of Population Geography I	2
GEO 351	Economic Geography	2

**Third Year**

GEO 451	The Developing World	2
GEO 463	Environmental Protection and Management	2
GEO 481	Geographical Regions of Nigeria	2
GEO 452	The Developed World	2
GEO 482	Geography of Nigerian Development	2

**History****Four-Year Standard Programme****First Year**

HIS 101	Introduction to History	2
HIS 111	Nigeria to 1900	3
HIS 131	Europe to the French Revolution	2
HIS 102	Introduction to Economic History	2
HIS 121	History of West Africa	2
HIS 126	North Africa from Earliest Times to the Arab Conquest	2
HIS 132	Europe from the French Revolution to the 2 <sup>nd</sup> World War	2

**Second Year**

HIS 221	Southern Africa Since 1400 AD OR	3
HIS 223	East and Central Africa Since 1000 AD OR	2
HIS 251	South Asia since the 19 <sup>th</sup> Century	2
HIS 224	Economic History of West Africa in the 20 <sup>th</sup> Century	2
HIS 242	Latin America since the 15 <sup>th</sup> Century OR	3
HIS 244	U.S.A. 1607 to 1865	3
HIS 302	Issues in International Relations I	2

**Third Year**

HIS 311	Nigeria from 1900-1960	3
HIS 361	Historiography	3

**Fourth Year**

HIS 403	History of Science and Technology	3
HIS 411	Nigeria since 1960	3
HIS 402	Issues in International Relations II	2
HIS 402	Africa since 1800 OR	3
HIS 451	Contemporary Middle East	3

**History****Three-Year Standard Programme****First Year**

HIS 221	Southern Africa Since 1400 AD or	3
HIS 223	East and Central Africa Since 1000 AD or	2
HIS 251	South Asia since the 19 <sup>th</sup> Century	2
HIS 224	Economic History of West Africa in the 20 <sup>th</sup> Century	2
HIS 242	Latin America since the 15 <sup>th</sup> Century OR	3
HIS 244	U.S.A. 1607 to 1865	3
HIS 302	Issues in International Relations I	2

**Second Year**

HIS 311	Nigeria from 1900-1960	3
HIS 361	Historiography	3

**Third Year**

HIS 403	History of Science and Technology	3
HIS 411	Nigeria since 1960	3
HIS 402	Issues in International Relations II	2
HIS 422	Africa since 1800 or	3
HIS 451	Contemporary Middle East	3

**Mathematics****Four-Year Standard Programme****First Year**

MTH 111	Elementary Mathematics I	3
MTH 113	Elementary Mathematics II	3
MTH 112	Elementary Mathematics III	3
MTH 132	Elementary Mechanics I	3

**Second Year**

MTH 211	Sets, Logic and Algebra	3
MTH 213	Linear Algebra I	2
MTH 214	Linear Algebra II	2
MTH 222	Elementary Differential Equations I	3

**Third Year**

MTH 213	Three-Dimensional Analytic Geometry	3
MTH 311	Abstract Algebra I	3
MTH 321	Metric Space and Topology	3

**Fourth Year**

MTH 321	Elementary Differential Equations II	3
MTH 425	Lebesgue Measure & Integration	3
MTH 422	Partial Differential Equations	3
MTH 324	Vector and Tensor Analysis	3

**Mathematics****Three-Year Standard Programme****First Year**

MTH 211	Sets, Logic and Algebra	3
MTH 213	Linear Algebra I	2
MTH 214	Linear Algebra II	2
MTH 222	Elementary Differential Equations I	3

**Second Year**

MTH 213	Three-Dimensional Analytic Geometry	3
MTH 311	Abstract Algebra I	3
MTH 321	Metric Space and Topology	3

**Third Year**

MTH 321	Elementary Differential Equations II	3
MTH 425	Lebesgue Measure & Integration	3
MTH 422	Partial Differential Equations	3
MTH 324	Vector and Tensor Analysis	3

**Physics****Four-Year Standard Programme****First Year**

PHY 125	Fundamentals of Physics I	3
PHY 193	Practical Physics II	2
PHY 136	Fundamentals of Physics II	3
PHY 156	Fundamentals of Physics III	3
PHY 194	Practical Physics	2

**Second Year**

PHY 211	Structure of Matter	2
PHY 221	Mechanics	2
PHY 251	Electromagnetism	2
PHY 242	Waves	3
PHY 262	Introduction to Atomic and Nuclear Physics	3
PHY 291	Workshop Course I (Mechanical	2

**Third Year**

PHY 331	Thermal Physics	2
PHY 351	Electronics	3
PHY 391	Practical Physics V	2

**Fourth Year**

PHY 361	Quantum Mechanics	3
PHY 451	Electromagnetic Theory	2
PHY 491	Practical Physics VII	2
PHY 412	Material Science	3
PHY 462	Nuclear Physics	3

**Physics**

**Three-Year Standard Programme****First Year**

PHY 211	Structure of Matter	2
PHY 221	Mechanics	2
PHY 251	Electromagnetism	2
PHY 242	Waves	
PHY 262	Introduction to Atomic and Nuclear Physics	3
PHY 291	Workshop- Course I (Mechanical	2

**Second Year**

PHY 331	Thermal Physics	2
PHY 351	Electronics	3
PHY 391	Practical Physics V	2

**Third Year**

PHY 361	Quantum Mechanics	3
PHY 451	Electromagnetic Theory	2
PHY 491	Practical Physics VII	2
PHY 412	Material Science	3
PHY 462	Nuclear Physics	3

**Political Science****Four-Year Standard Programme****First Year**

POL 101	Introduction to Political Science I	2
POL 112	Nigerian Constitutional Development	3
POL 114	Law and Politics in Nigeria I	2
POL 102	Introduction to Political Science II	2
POL 111	Introduction to African Politics	3
POL 115	Law and Politics in Nigeria II	2

**Second Year**

POL201	Introduction to Political Analysis	2
POL211	Nigerian Government and Politics I	2
POL212	Nigerian Government and Politics II	2
POL241	Foundation of Political Economy	3
POL301	Political Behaviour	2

**Third Year**

POL221	Introduction to International Relations	3
POL341	Politics of Development and Underdevelopment	3

**Fourth Year**

POL434	Development Administration	3
POL351	Public Policy Analysis	3
POL441	State and Economy	3
POL364	Contemporary Political Analysis	2

**Political Science****Three-Year Standard Programme****First Year**

POL201	Introduction To Political Analysis	2
POL211	Nigerian Government and Politics II	2
POL212	Nigerian Government and Politics II	2
POL241	Foundation of Political Economy	3
POL301	Political Behaviour	2

**Second Year**

POL221	Introduction to International Relations	3
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POL341 Politics of Development and Underdevelopment 3

### Third Year

POL434 Development Administration 3

POL351 Public Policy Analysis 3

POL441 State and Economy 3

POL364 Contemporary Political Analysis 2

### Zoology

#### Four-Year Standard Programme

##### First Year

BIO 151 General Biology I 3

CHM 101 Basic Principles of Chemistry 2

ZEB 102 Introductory Zoology 2

BIO 152 General Biology II 3

BIO 154 General Biology Practical 2

##### Second Year

ZEB201 General Invertebrate Zoology I 2

PSB211 Phycology and Bryology 2

ZEB202 General Invertebrate Zoology II 2

ZEB 272 Environmental Health Biology 2

ZEB276 Ecotoxicology and Environmental Safety 2

##### Third Year

ZEB 311 Basic Animal Physiology 2

ZEB 313 Animal Histology 2

ZEB 331 Basic Entomology 2

##### Fourth Year

ZEB411 Animal Developmental Biology 2

ZEB403 Systematic Zoology and Evolution 2

ZEB431 Entomology I 2

ZEB 404 Small Animal Production 2

ZEB 452 Animal Ecology 2

ZEB 432 Entomology II 2

### Zoology

#### Three-Year Standard Programme

##### First Year

ZEB201 General Invertebrate Zoology I 2

PSB211 Phycology and Bryology 2

ZEB202 General Invertebrate Zoology II 2

ZEB 272 Environmental Health Biology 2

ZEB276 Ecotoxicology and Environmental Safety 2

##### Second Year

ZEB 311 Basic Animal Physiology 2

ZEB 313 Animal Histology 2

ZEB 331 Basic Entomology 2

##### Third Year

ZEB411 Animal Developmental Biology 2

ZEB403 Systematic Zoology and Evolution 2

ZEB431 Entomology I 2

ZEB 404 Small Animal Production 2

ZEB 452 Animal Ecology 2

ZEB 432 Entomology II 2

**Department of Science Education****Staff**

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A.M. Okeke, B.Sc., PGDE, M.Ed. (Nigeria),	Assistant Lecturer
C.B. Ugwu, B.Sc.Ed. (Ilorin), M.Ed. (Nigeria)	Assistant Lecturer
T.U. Ugwu, B.Sc. Ed, M.Ed. (Nigeria)	Assistant Lecturer
A.N. Ngwu, B.Sc. Ed., M.Ed. (Nigeria)	Assistant Lecturer
E.O. Chukwunwogor. B.Sc. (Ife), PGDE, M.Ed. (Nigeria)	Assistant Lecturer
I.E. Okereke, B.Sc.Ed. (Nigeria)	Graduate Assistant
A.E. Nnadi, B.Sc.Ed. (Nigeria)	Graduate Assistant
B.A. Umate, B.Sc.Ed. (Maiduguri)	Graduate Assistant
C.I. Okebanama, B.Sc.Ed. (Nigeria),	Graduate Assistant
B.U. Mbonu, B.Sc. Ed (Awka)	Graduate Assistant
N.E. Ugwuoke, OND, HND (Oko)	Laboratory Technologist
S.E. Nnamani, B.Sc.Ed. (Enugu)	Technical Instructor II
A. Suleiman, B.Sc.Ed. (Bayero)	Higher Technical Officer II
F.I. Attama, B.Sc.Ed. (Nigeria)	Higher Technical Officer II
F.A. Nannim, B.Sc.Ed. (Jos)	Technical Instructor II
O.C. Igbokwe, B.Sc.Ed. (Nigeria)	Higher Technical Officer II
A.A. Ikegwuani, B.Sc. (Igbariam)	Higher Technical Officer II
G. Ukala, B.Sc.Ed. (Abraka)	Higher Technical Officer II
A.O. Saliu, B.Sc.Ed. (Ibadan)	Higher Technical Officer II
O.L. Odoh, B.Sc. Ed. (Nigeria)	Higher Technical Officer II
I.D. Okoye, B.Sc.Ed. (Awka)	Higher Technical Officer II
A.A. Ajibo,	Technical Officer II
B.U. Asogwa, B.Sc.Ed., PGDE (Nigeria)	Higher Technical Officer II
I.J. Ugwu, B.Sc.Ed. (Enugu)	Higher Technical Officer II
I.A. Nzekwe, B.Sc.Ed. (Enugu), M.Ed. (Nigeria)	Higher Technical Officer II
V.N. Ogoh, B.Sc.Ed. (Enugu)	Higher Technical Officer II
O.C. Ozioko, B.Sc.Ed., M.Ed. (Nigeria)	Technical Instructor II
I.E. Igboeli, B.Sc.Ed. (Nigeria)	Higher Technical Officer II
A.J. Eze, Dip. (Nigeria)	Chief Data Entry Operator/Assistant Executive Officer

**Brief History of the Department of Science Education**



The Harden College of Education, University of Nigeria, Nsukka, started in January, 1961, with 41 students enrolled in a two-year Diploma Programme in Education. During the 1961/62 academic session, the Harden College of Education became the Department of Education, and enrolled 40 students for Bachelor's Degree Programmes (BA and B.Sc. Education Programmes).

The Department of Science Education was first created out of the Department of Education, as the Sub-Department of Science Education by the decision of the senate of the University of Nigeria at its meeting held on Monday, August 9, 1982. Thus in 1982, from the Department of Education emerged the Department of Educational Foundations, and the Sub-departments of Science Education and Arts Education.

The Sub-Department of Science Education existed for a period of 23 years i.e. 1982-2005, before it was approved as a full-fledged Department in August, 2005 by a decision of the University of Nigeria Senate. Currently the Department of Science Education has five academic programmes which have consecutively won full accreditation from NUC in 2009 and 2014.

These programmes are Biology Education, Chemistry Education, Integrated Science Education, Mathematics Education and Physics Education. The Department of Science Education also runs higher degree programmes, namely: Master's and Doctoral Degrees in Science Education with options in Biology, Chemistry, Integrated Science, Physics, Mathematics, and Educational Measurement and Evaluation.

#### **Philosophy, Objective and Scope**

The Department of Science Education programmes are developed based on the fundamental beliefs that the student is entitled to acquire profound theoretical and practical knowledge to equip him/her to face the challenges of life in the society, be self-reliant, contribute to national development, and meet the challenges of the global world.

The purpose of the Department of Science Education is to train science teachers who are academically and professionally competent to educate pupils and students, and make them literate in the natural sciences at Basic Education and Senior Secondary Education levels of the Nigerian Educational System.

The degree in Science Education is acquired through course work and research project report. In addition to the departmental science education courses, students in Biology Education, Chemistry Education, Integrated Science Education, Mathematics Education and Physics Education are required to take other faculty-wide education courses, broad-based general studies courses, entrepreneurial education courses and subject matter content courses from the relevant cognate departments in which their teaching subjects are based.

#### **Entry Requirements**

There are two modes of Entry: Unified Tertiary Matriculation Examination (UTME) and Direct Entry (DE)

##### **UTME**

In addition to University of Nigeria minimum entry requirements (five credit passes including English and Mathematics, and a science subject) candidates admitted through UTME into the four-year standard degree programme for:

Biology Education must have at least a credit pass or its equivalent in Biology and Chemistry and any of Physics or Agricultural Science at the SSCE and WASSCE or its equivalent.

Chemistry Education must have at least a credit pass or its equivalent in Chemistry and Physics and any of Biology or Agricultural Science at the SSCE and WASSCE or its equivalent.

Integrated Science Education must have at least a credit pass or its equivalent in Chemistry and Biology, and any of Physics or Agricultural Science at the SSCE and WASSCE level, or its equivalent.

Mathematics Education must have at least a credit pass or its equivalent in Chemistry and Physics and any of Mathematics or Biology or Agricultural Science at the SSCE and WASSCE or its equivalent.

Physics Education must have at least a credit pass or its equivalent in Chemistry and Physics and any of Mathematics or Agricultural Science at the SSCE and WASSCE or its equivalent.

##### **Direct Entry (DE).**

Direct entry candidates who are admitted into the three-year standard degree programme must hold one of the following qualifications:

##### **Biology Education**

Advanced level certificate in WASSCE or the principal level certificate in HSC Certificate in at least two science subjects, including Biology.

Nigerian Certificate in Education (NCE), Biology and Biology combinations with at least a merit pass and other relevant diplomas approved by university senate such as associate ship certificate in education, health education etc.

#### Chemistry Education

Advanced level certificate in WASSCE or the principal level certificate in HSC Certificate in at least two science subjects, including Chemistry.

Nigerian Certificate in Education (NCE), Chemistry and Chemistry combinations with at least a merit pass and other relevant diplomas approved by university senate such as associateship certificate in education, health education etc.

#### Integrated Science Education

Advanced level certificate in WASSCE or the principal level certificate in HSC Certificate in at least two science subjects, including Biology.

Nigerian Certificate in Education (NCE), Biology or Chemistry, and Biology/Chemistry combinations with at least a merit pass level, and other relevant diplomas approved by university senate such as associateship certificate in education, health education etc.

#### Mathematics Education

Advanced level certificate in WASSCE or the principal level certificate in HSC Certificate in at least two science subjects, including Mathematics.

Nigerian Certificate in Education (NCE), Mathematics and Mathematics combinations with at least a merit pass and other relevant diplomas approved by university senate such as associateship certificate in education, health education etc.

#### Physics Education

Advanced level certificate in WASSCE or the principal level certificate in HSC Certificate in at least two science subjects, including Physics.

Nigerian Certificate in Education (NCE), Physics and Physics combinations with at least a merit pass and other relevant diplomas approved by university senate such as associateship certificate in education, health education etc.

### Job Opportunities

Students who successfully complete their programmes have ample teaching opportunities with the various Ministries of Education and private schools in the country, research institutions, educational training institutes, curriculum development centres and examination bodies. The graduates are also employable in science oriented institutions. Graduates of the Science Education programmes can also be self-employed in teaching science to private individuals. They can establish their own schools.

### Subject Combinations

The following subject combinations are available in the Department of Science Education:

Education/Biology

Education/Chemistry

Education/Integrated Science

Education/Mathematics

Education/Physics

Two Education courses are housed in the Department of Science Education and these are service courses for most Departments in the Faculty of Education. These courses are

EDU 341            Research Methods, Statistics and Computer Usage

EDU 442            Measurement and Evaluation

### Four Year Standard Degree Programme in Biology Education

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 103	History of Education	2
EDU 211	Educational Psychology I	2
SED 101	Foundations of Science Education	2
SED 111	Basic Biology for Science Education Students	2
<b>Required Ancillary Courses</b>		
CHM 101	Basic Principles of Inorganic Chemistry	2
CHM 171	Basic Practical Chemistry	2
BIO 151	General Biology I	3

COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 111	The Use of Library and Study Skills	2
		<b>21</b>
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
SED 102	Introduction to Science Education	2
EDU 202	Philosophy of Education	2
EDU 206	Sociology of Education	2
<b>Required Ancillary Courses</b>		
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
BIO 152	General Biology II	3
BIO 154	General Biology Practical	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
		<b>17</b>
<b>Second Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 221	Curriculum Theory and Planning	3
SED 201	Basic Mathematics for Science Education Students	2
<b>Required Ancillary Courses</b>		
PSB 211	Phycology and Bryology	2
PSB 221	General Plant Anatomy	2
PSB 241	General Mycology	2
ZEB 201	General Invertebrate Zoology I	2
MCB 201	General Microbiology I	2
<b>General Studies Courses</b>		
GSP 207	Humanities I	2
GSP 201	The Social Sciences	2
		<b>19</b>
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
SED 212	Biology Education Special Methods	3
EDU 224	Educational Technology	2
SED 206	Environmental Issues in Science & Technology Education	2
<b>Required Ancillary Courses</b>		
ZEB 172	Introductory Environmental Biology	2
ZEB 202	General Invertebrate Zoology II	2
MCB 102	Introduction to Microbiology	2
COS 304	Computer Applications	2
GSP202	Issues in Peace and Conflict Resolution Studies	2
GSP 208	Humanities 11	2
		<b>19</b>
<b>(Option A: Plant Science and Biotechnology)</b>		
<b>Third Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 213	School Guidance and Counselling	2
EDU 311	Educational Psychology II	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3
SED 301	Computer Based Instruction, Simulation and Animation	2

*Required Ancillary Courses*

PSB 301	Morphology and Phytosystematics of Lower Plants	2
PSB 331	<i>General Plant Physiology</i>	2
ZEB 301	Chordate Zoology I	2
BIO 351	<b>General Genetics</b>	2
CED 341	Introduction to Entrepreneurship	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 322	Curriculum Implementation and Instruction	3
SED 302	Science Education for Special Needs Learners	2

**Required Ancillary Courses**

ZEB 302	General Vertebrate Zoology II	3
BIO 352	Cytogenetics	2
BIO 362	Basic Principles of Ecology	2
PSB 246	General Plant Pathology	2
PSB 272	Mushroom Technology	2
PSB 274	Plant Macropropagation & Floriculture	2
CED 342	Business Development and Management	2
		<hr/> 20

**(Option A: Plant Science and Biotechnology)****Fourth****Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
EDU 431	Classroom Organization and Management	2

**Required Ancillary Courses**

PSB 313	Morphology and Phytosystematics of Higher Plant	2
PSB 413	Plant Taxonomy	3
PSB 441	Advances in Plant Pathology	2
PSB 463	Economic and Industrial Botany	2
		<hr/> 16

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 442	Measurement and Evaluation	3
EDU 490	Research Project	4
PSB 422	Pulp and Paper Technology	2

**Required Ancillary Courses**

PSB 424	Timber Products Technology	2
PSB 462	Plant Ecology	2
PSB 464	Phytoremediation and Erosion Management	2
PSB 466	Phytoindustrial Relations	2
		<hr/> 17

**(Option B: Zoology and Environmental Biology)****Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 213	School Guidance and Counselling	2
EDU 311	Educational Psychology II	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3
SED 301	Computer Based Instruction, Simulation and Animation	2

**Required Ancillary Courses**

ZEB 301	Chordate Zoology I	2
ZEB 311	Basic Animal Physiology	2
BIO 351	General Genetics	2
CED 341	Introduction to Entrepreneurship	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 322	Curriculum Implementation and Instruction	3
SED 302	Science Education for Special Needs Learners	2

**Required Ancillary Courses**

BIO 352	Cytogenetics	4
BIO 362	Basic Principles of Ecology	2
CED 342	Business Development and Management	2
ZEB 468	Population Genetics	2
		<hr/> 15

**(Option B: Zoology and Environmental Biology)****Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3

**Required Ancillary Courses**

ZEB 303	Laboratory Techniques	2
ZEB 321	Basic Parasitology	2
ZEB 331	Basic Entomology	2
ZEB 401	Chordate Zoology II	2
ZEB 403	Systematic Zoology and Evolution	2
ZEB 411	Animal Developmental Biology	3
ZEB 441	Fisheries Biology I	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 432	Educational Administration	2
EDU 442	Measurement and Evaluation	2
EDU 490	Research Project	4

**Required Ancillary Courses**

ZEB 402	Ethology	2
ZEB 404	Small Animal Production	2
ZEB 442	Fisheries Biology II	2
ZEB 452	Animal Ecology	2
ZEB 462	Animal Molecular Biology and Bioinformatics	2
ZEB 472	Environmental Impact Assessment	2
		<hr/> 20

**Three Year Standard Degree Programme in Biology Education****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 221	Curriculum Theory and Planning	3
SED 111	Basic Biology for Science Education Students	2
SED 201	Basic Mathematics for Science Education Students	2

**Required Ancillary Courses**

PSB 211	Phycology and Bryology	2
PSB 221	General Plant Anatomy	2
PSB 241	General Mycology	2
ZEB 201	General Invertebrate Zoology I	2

*General Studies Courses*

GSP 101	The use of English I	2
GSP 111	Use of Library and Study Skills	2
GSP 207	Humanities I	2
CS 101	Introduction to Computer Science	2
		<hr/> 23

*Second Semester*

CODE	TITLE	UNITS
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*Major Courses*

SED 212	Biology Education Special Methods	2
EDU 224	Educational Technology	2
SED 206	Environmental Issues in Science & Tech. Education	2
SED 102	Introduction to Science Education	2

*Required Ancillary Courses*

ZEB 202	General Invertebrate Zoology II	2
COS 304	Computer Applications	2

*General Studies Course*

GSP 102	The Use of English II	2
GSP 208	Humanities II	2
		<hr/> 16

**Three Year Standard Degree Programme In Biology/Education  
(Option A: Plant Science and Biotechnology)**

**Second Year***First Semester*

CODE	TITLE	UNITS
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*Major Courses*

EDU 213	School Guidance and Counselling	2
EDU 311	Educational Psychology II	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3

*Required Ancillary Courses*

PSB 301	Morphology and Phytosystematics of Lower Plants	2
PSB 331	General Plant Physiology	2
ZEB 301	Chordate Zoology I	2
BIO 351	General Genetics	2
CED 341	Introduction to Entrepreneurship	2
		<hr/> 20

*Second Semester*

CODE	TITLE	UNITS
------	-------	-------

*Major Courses*

EDU 322	Curriculum Implementation and Instruction	3
SED 302	Science education for Special Needs Learners	2

*Required Ancillary Courses*

BIO 352	Cytogenetics	2
BIO 362	Basic Principles of Ecology	2
PSB 246	General Plant Pathology	2
PSB 272	Mushroom Technology	2
PSB 274	Plant Macropagation & Floriculture	2
CED 342	Business Development and Management	2
		<hr/> 17

**(Option A: Plant Science and Biotechnology)****Third Year***First Semester*

CODE	TITLE	UNITS
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*Major Courses*

EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
SED 301	Computer Based Instruction, Simulation and Animation	2
EDU 431	Classroom Organization and Management	2

**Required Ancillary Courses**

PSB 313	Morphology and Phytosystematics of Higher Plants	2
PSB 413	Plant Taxonomy	3
PSB 441	Advances in Plant Pathology	2
PSB 463	Economic and Industrial Botany	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 442	Measurement and Evaluation	3
EDU 490	Research Project	4

**Required Ancillary Courses**

PSB 422	Pulp and Paper Technology	2
PSB 424	Timber Products Technology	2
PSB 462	Plant Ecology	2
PSB 464	Phytoremediation and Erosion Management	2
PSB 466	Phytoindustrial Relations	2
		<hr/> 16

**(Option B: Zoology A  
and Environmental Biology)****Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 213	School Guidance and Counselling	2
EDU 311	Educational Psychology II	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3

**Required Ancillary Courses**

ZEB 301	Chordate Zoology I	2
ZEB 311	Basic Animal Physiology	2
BIO 351	General Genetics	2
CED 341	Introduction to Entrepreneurship	2
ZEB 303	Laboratory Techniques	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 322	Curriculum Implementation and Instruction	3
SED 302	Science education for Special Needs Learners	2

**Required Ancillary Courses**

BIO 352	Cytogenetics	4
BIO 362	Basic Principles of Ecology	2
CED 342	Business Development and Management	2
ZEB 402	Ethology	2
ZEB 468	Population Genetics	2
		<hr/> 17

**Three Year Standard Degree Programme in Biology/Education  
(Option B: Zoology and Environmental Biology)****Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
SED 301	Computer Based Instruction, Simulation & Animation	2

**Required Ancillary Courses**

ZEB 321	Basic Parasitology	2
ZEB 331	Basic Entomology	2

ZEB 401	Chordate Zoology II	2
ZEB 403	Systematic Zoology and Evolution	2
ZEB 411	Animal Developmental Biology	3
		<b>19</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 432	Educational Administration	2
EDU 442	Measurement and Evaluation	3
EDU 490	Research Project	4

**Required Ancillary Courses**

ZEB 402	Ethology	2
ZEB 404	Small Animal Production	2
ZEB 452	Animal Ecology	2
ZEB 462	Animal Molecular Biology and Bioinformatics	2
		<b>17</b>

**Four Year Standard Degree Programme in Chemistry Education****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 103	History of Education	2
SED 101	Foundations of Science Education	2

**Required Ancillary Courses**

CHM 101	Basic Principles of Inorganic Chemistry	2
CHM 171	Basic Practical Chemistry	2
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
PHY 115	General Physics for Physical Sciences I	2

**General Studies Courses**

GSP 101	The Use of English I	2
COS 101	Introduction to Computer Science	2
GSP 111	The Use of Library and Study Skills	2
		<b>22</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 202	Philosophy of Education	2
SED 102	Introduction to Science Education	2
SED 124	Basic Chemistry for Education Students	2

**Required Ancillary Courses**

CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
MTH 122	Elementary Mathematics III	3
PHY 118	General Physics for Physical Science III	2

**General Studies Courses**

GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
		<b>19</b>

**Four Year Standard Degree Programme in Chemistry Education****Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
SED 201	Basic Mathematics for Science Education Students	2

**Required Ancillary Courses**

CHM 201	General Inorganic Chemistry	2
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CHM 211	General Physical Chemistry	2
CHM 221	General Organic Chemistry I	2
CHM 273	Practical Organic Chemistry I	2
PHY 191	Practical Physics I	2
MTH 205	Advanced Mathematics IV	2
GSP 201	The Social Science	2
		<b>21</b>

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 206	Sociology of Education	2
SED 222	Chemistry Education Special Methods	3
EDU 224	Educational Technology	2
SED 206	Environmental Issues in Science & Technology Education	2

**Required Ancillary Courses**

CHM 222	General Organic Chemistry II	2
CHM 232	Analytical Chemistry	2
CHM 252	Chemical Process Principles	2
CHM 272	Practical Physical Chemistry I	2
CHM 274	Practical Inorganic Chemistry I	2
COS 304	Computer Applications	2
		<b>21</b>

**Third Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 311	Educational Psychology II	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3
SED 301	Computer Based Instruction, Simulation & Animation	2

**Required Ancillary Courses**

CHM 301	Inorganic Chemistry I	2
CHM 311	Physical and Structural Chemistry I	2
CHM 321	Organic Chemistry I	2
CHM 373	Practical Organic Chemistry II	2
CED 341	Introduction to Entrepreneurship	2

**General Studies Courses**

GSP 207	Logic, Philosophy and Humanities Existence I	2
		<b>22</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 322	Curriculum Implementation and Instruction	3
SED 302	Science Education for Special Needs Learners	2

**Required Ancillary Courses**

CHM 302	Inorganic Chemistry II	2
CHM 312	Physical and Structural Chemistry II	2
CHM 314	Physical and Structural Chemistry III	2
CHM 322	Organic Chemistry II	2
CHM 372	Practical Physical Chemistry II	2
CHM 374	Applied Spectroscopy	2
CED 342	Business Development and Management	2

**General Studies Courses**

GSP 208	Humanities II	2
		<b>21</b>

**Four Year Standard Degree Programme in Chemistry Education**

**Fourth Year**

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 411	Educational Psychology II	2
EDU 425	Teaching Practice II	3
EDU 431	Classroom Organization and Management	2

**Required Ancillary Courses**

CHM 401	Advanced Inorganic Chemistry I	2
CHM 411	Advanced Physical Chemistry I	2
CHM 421	Advanced Organic Chemistry I	2
CHM 431	Modern Analytical Techniques	2
CHM 451	Chemical Process Technology II	2
		<b>17</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 432	Educational Administration	2
EDU 442	Educational Measurement and Evaluation	3
EDU 490	Research Project	4

**Required Ancillary Courses**

CHM 324	Organic chemistry IV	2
CHM 402	Advanced Inorganic Chemistry II	2
CHM 412	Advanced Physical Chemistry II	2
CHM 422	Advanced Organic Chemistry II	2
		<b>17</b>

**Three Year Standard Degree Programme in Chemistry Education****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
SED 124	Basic Chemistry for Education Students	2
SED 201	Basic Mathematics for Science Education Students	2

**Required Ancillary Courses**

CHM 201	General Inorganic Chemistry	2
CHM 211	General Physical Chemistry	2
CHM 221	General Organic Chemistry I	2
CHM 273	Practical Organic Chemistry I	2
COS 101	Introduction to Computer Science	2
GSP 101	The Use of English I	2
		<b>21</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

SED 222	Chemistry Education Special Methods	3
EDU 224	Educational Technology	2
SED 102	Introduction to Science Education	2

**Required Ancillary Courses**

CHM 222	General Organic Chemistry II	2
CHM 232	Analytical Chemistry	2
CHM 252	Chemical Process Principles	2
CHM 272	Practical Physical Chemistry I	2
CHM 274	Practical Inorganic Chemistry I	2
COS 304	Computer Applications	2
MTH 206	Advanced Mathematics IV	2
GSP 102	The Use of English II	2
		<b>23</b>

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 311	Educational Psychology II	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3
SED 301	Computer Based Instruction, Simulation and Animation	2

**Required Ancillary Courses**

CHM 301	Inorganic Chemistry I	2
CHM 311	Physical and Structural Chemistry I	2
CHM 321	Organic Chemistry I	2
CHM 373	Practical Organic Chemistry II	2
CED 341	Introduction to Entrepreneurship	2

**General Studies Courses**

GSP 207	Humanities I	2
		<b>22</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 322	Curriculum Implementation and Instruction	3
SED 206	Environmental Issues in Science & Tech Education	2
EDU206	Sociology of Education	2

**Required Ancillary Courses**

CHM 302	Inorganic Chemistry II	2
CHM 312	Physical and Structural Chemistry II	2
CHM 314	Physical and Structural Chemistry III	2
CHM 322	Organic Chemistry II	2
CHM 372	Practical Physical Chemistry II	2
CHM 374	Applied Spectroscopy	2
CED 342	Business Development and Management	2

**General Studies Course**

GSP 208	Humanities II	2
		<b>23</b>

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
EDU 431	Classroom Organization and Management	2

**Required Ancillary Courses**

CHM 401	Advanced Inorganic Chemistry I	2
CHM 411	Advanced Physical Chemistry I	2
CHM 421	Advanced Organic Chemistry I	2
CHM 431	Modern Analytical Techniques	2
CHM 451	Chemical Process Technology II	2
		<b>17</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 432	Educational Administration	2
EDU 442	Educational Measurement and Evaluation	3
EDU 490	Research Project	4
SED 302	Science Education for Special Needs Learners	2

**Required Ancillary Courses**

CHM 324	Organic chemistry IV	2
CHM 402	Advanced Inorganic Chemistry II	2
CHM 412	Advanced Physical Chemistry II	2
CHM 422	Advanced Organic Chemistry II	2
		<b>19</b>

**Four Year Standard Degree Programme in Integrated Science Education**

**First Year*****First Semester***

<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b><i>Major Courses</i></b>		
EDU 103	History of Education	2
SED 101	Foundation of Science Education	2
ITS 131	Introduction to Integrated Science	2
ITS 133	Fundamental Concept of Matter and Energy	2
<b><i>Required Ancillary Courses</i></b>		
MTH 111	Elementary Mathematics I	3
PHY 111	General Physics for Life Science	2
CHM 101	Basic Principles of Inorganic Chemistry	2
BIO 151	General Biology	2
<b><i>General Studies Courses</i></b>		
GSP 101	The Use of English I	2
GSP 111	Use of Library and Study Skills	2
CS 101	Introduction to Computer Science	2
		<b>23</b>

***Second Semester***

<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b><i>Major Courses</i></b>		
EDU 202	Philosophy of Education	2
SED 102	Introduction to Science Education	2
ITS 132	Transformation of Matter	3
ITS 134	Life Science	3
<b><i>Required Ancillary Courses</i></b>		
CHM 112	Basic Principles of Physical Chemistry	2
BIO 152	General Biology II	3
MCB 102	Introduction to Microbiology	2
<b><i>General Studies Courses</i></b>		
GSP 102	The Use of English II	2
		<b>19</b>

**Second Year*****First Semester***

<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b><i>Major Courses</i></b>		
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
SED 201	Basic Mathematics for Science Education Students	2
ITS 231	Science and Society	2
ITS 233	The Physics of Chemical Systems I	2
<b><i>Required Ancillary Courses</i></b>		
PHY 103	General Physics for Engineering and Physical Science	2
MTH 113	General Mathematics II	3
PHY 191	Practical Physics	2
<b><i>General Studies Courses</i></b>		
GSP 201	The Social Sciences	2
		<b>20</b>

***Second Semester***

<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b><i>Major Courses</i></b>		
SED 232	Integrated Science Education Special Methods	3
EDU 224	Educational Technology	2
ITS 232	The Chemistry of Biological Systems I	3
SED 206	Environmental Issues in Science & Tech. Education	2
<b><i>Required Ancillary Courses</i></b>		
MTH 114	General Mathematics	3
PHY 112	Fundamentals of Physics	3
CHM 122	Basic Principles of Chemistry	2
<b><i>General Studies Courses</i></b>		

GSP 202	Issues in Peace and Conflict Resolution	2
		<b>20</b>
<b>Third Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 311	Educational Psychology II	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3
ITS 331	Introduction to Biogeography	2
ITS 337	Space Science	2
SED 301	Computer Based Instruction, Simulation & Animation	2
<b>Required Ancillary Courses</b>		
CHM 201	General Inorganic Chemistry	2
BIO 351	General Genetics	2
CED 341	Introduction to Entrepreneurship	2
<b>General Studies Courses</b>		
GSP 207	Humanities I	2
		<b>22</b>
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 206	Sociology of Education	2
EDU 322	Curriculum Implementation and Instruction	3
EDU 324	Pre-School Education	2
SED 302	Science Education for Special Needs Learners	2
ITS 332	Introduction to Biophysics	2
ITS 334	The Chemistry of Biological Systems II	2
<b>Required Ancillary Courses</b>		
GEO 104	Applied Geology for Environmental and Physical Sciences	2
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
<b>General Studies Courses</b>		
GSP 208	Humanities II	2
		<b>21</b>
<b>Fourth Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
EDU 431	Classroom Organisation and Management	2
ITS 431	Energy Sources and Transformation	2
ITS 437	Workshop Practice	2
ITS 433	Environmental Pollution	3
<b>Required Ancillary Courses</b>		
ZEB 303	Laboratory Techniques	2
ZEB 351	Climate Change and Animal Biodiversity	2
		<b>18</b>
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 432	Educational Administration	2
EDU 442	Measurement and Evaluation	3
ITS 432	Industrial Processes	2
ITS 434	Analytical Processes	2
ITS 436	Our Natural Environment	2
EDU 490	Research Project	4
<b>Required Ancillary Course</b>		

CHM 392	Chemical Industry and the Environment	2
		<b>17</b>

**Three Year Standard Degree Programme in Integrated Science Education****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
SED 201	Mathematics for Science Education Students	2
ITS 231	Science and Society	2
ITS 233	The Physics of Chemical Systems I	2

**Required Ancillary Courses**

PHY 103	General Physics for Engineering and Physical Sciences	2
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**General Studies Courses**

CS 101	Introduction to Computer Science	2
GSP 101	The Use of English I	2
GSP 111	The Use of Library and Study Skills	2
GSP 201	The Social Sciences	2

**21****Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

SED 232	Integrated Science Special Methods	3
EDU 224	Educational Technology	2
ITS 232	The Chemistry of Biological Systems I	3
SED 102	Introduction to Science Education	2

**Required Ancillary Courses**

MTH 114	General Mathematics	3
PHY 112	Fundamentals of Physics	3
CHM 122	Basic Principles of Chemistry	2

**General Studies Courses**

GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2

**22****Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 311	Educational Psychology 11	2
EDU 325	Teaching Practice 1	3
EDU 341	Research Methods, Statistics and Computer Usage	3
ITS 331	Introduction to Biogeography	2
ITS 337	Space Science	2
SED 301	Computer Based Instruction	2

**Required Ancillary Courses**

CHM 201	General Inorganic Chemistry	2
BIO 351	General Genetics	2
CED 341	Introduction to Entrepreneurship	2

**General Studies Course**

GSP 207	Humanities 1	2
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**22****Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 206	Sociology of Education	2
EDU 322	Curriculum Implementation and Instruction	3
EDU 324	Pre-School Education	2
SED 206	Environmental Issues in Science & Tech. Education	2

ITS 332	Introduction to Biophysics	2
ITS 334	The Chemistry of Biological Systems 11	2
<b>Required Ancillary Courses</b>		
GEO 104	Applied Geology for Environmental and Physical Sciences	2
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
<b>General Studies Courses</b>		
GSP 208	Humanities II	2
		<b>21</b>

### Third Year

#### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 411	Educational Psychology 111	2
EDU 425	Teaching Practice 11	3
EDU 431	Classroom Organisation and Management	2
ITS 431	Energy Sources and Transformation	2
ITS 437	Workshop Practice	2
ITS 433	Environmental Pollution	3
<b>Required Ancillary Courses</b>		
ZEB 303	Laboratory Techniques	2
ZEB 351	Climate Change and Animal Biodiversity	2
		<b>18</b>

#### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 432	Educational Administration	2
EDU 442	Measurement and Evaluation	3
EDU 490	Research Project	4
SED 302	Science Education for Special Needs learners	2
ITS 432	Industrial Processes	2
ITS 434	Analytical Processes	2
ITS 436	Our Natural Environment	2
<b>Required Ancillary Courses</b>		
CHM 392	Chemical Industry and the Environment	2
		<b>19</b>

### Four-Year Standard Degree Programme in Mathematics Education

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
SED 101	Foundations of Science Education	2
SED 151	Foundation of Mathematics Education	2
EDU 103	History of Education	2
<b>Required Ancillary Course</b>		
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
STA 111	Probability I	2
STA 131	Inference I	2
COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 111	The Use of Library and Study Skills	2
		<b>22</b>

##### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU202	Philosophy of Education	2
EDU206	Sociology of Education	2

SED 102	Introduction to Science Education	2
SED 256	History and Philosophy of Mathematics Education	2
<b>Required Ancillary Courses</b>		
MTH122	Elementary Mathematics III	3
MTH132	Elementary Mechanics I	3
STA 112	Probability II	2
STA 132	Inference II	2
STA 134	Laboratory for Inference I	2
<b>General Studies Course</b>		
GSP 102	The Use of English II	2
		<b>22</b>
<b>Second Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
<b>EDU 211</b>	<b>Educational Psychology I</b>	<b>2</b>
EDU 221	Curriculum Theory and Planning	3
SED 201	Basic Mathematics for Science Education Students	2
<b>Required Ancillary Courses</b>		
MTH 211	Sets, Logic and Algebra	3
MTH 215	Linear Algebra I	2
MTH 231	Elementary Mechanics II	2
STA 211	Probability III	2
COS 201	Computer Programming I	2
<b>General Studies Course</b>		
GSP 201	The Social Sciences	2
		<b>20</b>
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 204	Environmental Education	2
SED 206	Environmental Issues in Science & Tech Education	3
SED 252	Mathematics Education Special Methods	2
SED 258	The School Mathematics Laboratory	2
EDU 224	Educational Technology	2
<b>Required Ancillary Courses</b>		
MTH 216	Linear Algebra II	2
MTH 222	Elementary Differential Equation I	3
MTH 224	Introduction to Numerical Analysis	3
STA 212	Probability IV	2
<b>General Studies Course</b>		
GSP 202	Issues in Peace and Conflict Resolution Studies	2
		<b>23</b>
<b>Third Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 311	Educational Psychology II	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3
SED 301	Computer Based Instruction, Simulation & Animation in Science Teaching	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship Development	2
MTH 311	Abstract Algebra I	3
MTH 221	Real Analysis I	3
STA 311	Probability V	2
<b>General Studies Courses</b>		
GSP 207	Humanities I	2
		<b>22</b>



**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 322	Curriculum Implementation and Instruction	3
SED 302	Science Education for Special Needs Learners	2
SED 354	Teaching Basic and Secondary Mathematics	2

**Required Ancillary Courses**

MTH 312	Abstract Algebra II	3
MTH 326	Real Analysis II	3
STA 312	Probability VI	2
STA 232	Inference IV	2
CED 342	Business Development and Management	2

**General Studies Courses**

GSP 208	Humanities II	2
		<b>21</b>

**Four Year Standard Degree Programme in Mathematics Education****Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 213	School Guidance and Counselling	2
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
EDU 431	Classroom Organisation and Counselling	2

**Required Ancillary Courses**

MTH 321	Metric Space Topology	3
MTH 327	Elementary Differential Equation II	3
MTH 323	Complex Analysis I	3
		<b>19</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 442	Educational Measurement and Evaluation	3
EDU 490	Research Project	4

**Required Ancillary Courses**

MTH 328	Complex Analysis II	3
MTH 336	Dynamics of Rigid Body	3
MTH 424	General Topology	3
MTH 428	Partial Differential Equation	3

**Elective Courses (Any 2 Units from the Following)**

EDU 432	Educational Administration	2
EDU 434	Supervision and Instruction	2
		<b>21</b>

**Three Year Standard Degree Programme in Mathematics Education****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
SED 201	Mathematics for Science Education Students	2

**Required Ancillary Course**

MTH 211	Sets, Logic and Algebra	3
MTH 215	Linear Algebra I	2
MTH 231	Elementary Mechanics II	2
STA 211	Probability III	2
COS 201	Computer Programming I	2

**General Studies Course**

COS 101	Introduction to Computer Science	2
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GSP 101	The Use of English I	2
GSP 201	The Social Sciences	2
		<b>24</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 204	Environmental Education	2
EDU 224	Educational Technology	2
SED 252	Mathematics Education Special Methods	3
SED 102	Introduction to Science Education	2
SED 206	Environmental Issues in Science Education	2
SED 258	The School Mathematics Laboratory	2

**Required Ancillary Course**

MTH 216	Linear Algebra II	2
MTH 222	Elementary Differential Equation I	3
STA 212	Probability IV	2

**General Studies Course**

GSP 102	The use of English II	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
		<b>24</b>

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 311	Educational Psychology II	2
EDU 325	Professional Teaching Practice Experience 1	3
EDU 341	Research Methods, Statistics and Computer Usage	3
SED 301	Computer Based Instruction, Simulation & Animation	2

**Required Ancillary Courses**

MTH 311	Abstract Algebra I	3
MTH 221	Real Analysis I	2
STA 311	Probability V	2
CED 341	Introduction to Entrepreneurship	2

**General Studies Courses**

GSP 111	The use of Library	2
GSP 207	Humanities I	2
		<b>23</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 322	Curriculum Implementation and Instruction	3
SED 302	Science Education for Special Needs Learners	2

**Required Ancillary Courses**

MTH 312	Abstract Algebra II	3
MTH 326	Real Analysis II	3
STA 312	Probability VI	2
STA 232	Inference IV	2
CED 342	Business Development and Management	2
COS 304	Computer Applications	2

**General Studies Course**

GSP 208	Humanities II	2
		<b>21</b>

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 213	School Guidance and Counselling	2
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3

EDU 431	Classroom Organisation and Counselling	2
SED 354	Teaching Basic & Secondary Mathematics	2
<b>Required Ancillary Courses</b>		
MTH 321	Metric Space Topology	3
MTH 327	Elementary Differential Equation II	3
MTH 323	Complex Analysis I	3
		<b>20</b>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 442	Educational Measurement and Evaluation	3
EDU 490	Research Project	4
<b>Required Ancillary Courses</b>		
MTH 328	Complex Analysis II	3
MTH 336	Dynamics of Rigid Body	3
MTH 424	General Topology	3
MTH 428	Partial Differential Equation	3
<b>Elective Courses (Any 2 Units from the Following)</b>		
EDU 432	Educational Administration	2
EDU 434	Supervision and Instruction	2
		<b>21</b>

**Four Year Standard Degree Programme in Physics Education**

**First Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 103	History of Education	2
SED 101	Foundations of Science Education	2
<b>Required Ancillary Courses</b>		
PHY 121	Fundamentals of Physics II	3
PHY 195	Practical Physics II	2
MTH 111	Elementary Mathematics I	3
MTH 113	Elementary Mathematics II	3
CHM 101	Basic Principles of Inorganic Chemistry	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
COS 101	Introduction to Computer Science	2
GSP 111	The Use of Library and Study Skills	2
		<b>23</b>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 202	Philosophy of Education	2
SED 102	Introduction to Science Education	2
SED 164	Basic Physics for Education Students	2
<b>Required Ancillary Courses</b>		
PHY 122	Fundamentals of Physics II	3
PHY 124	Fundamentals of Physics III	3
PHY 196	Practical Physics III	2
MTH 122	Elementary Mathematics III	3
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Studies	2
		<b>21</b>

**Second Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 211	Educational Psychology I	2

EDU 221	Curriculum Theory and Planning	3
SED 201	Basic Mathematics for Science Education Students	2
<b>Required Ancillary Courses</b>		
PHY 211	Structure of Matter	3
PHY 221	Mechanics	2
PHY 241	Waves	3
MTH 251	Electromagnetism	2
COS 201	Computer Programming	2
CHM 171	Basic Practical Chemistry	2
		<b>21</b>
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 206	Sociology of Education	2
SED 262	Physics Education Special Method	3
SED 264	Basics Physics for Education Students	2
SED 206	Environmental Issues in Science & Tech. Education	2
EDU 224	Educational Technology	2
<b>Required Ancillary Courses</b>		
MTH 206	Advanced Mathematics	2
PHY 262	Introduction to Atomic and Nuclear Physics	3
PHY 292	Practical Physics IV	2
CHM 112	Basic Principles of Physical Chemistry II	2
CHM122	Basic Principles of Chemistry III	2
		<b>22</b>
<b>Third Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 311	Educational Psychology II	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3
<b>Required Ancillary Courses</b>		
PHY 321	Relativity Physics	2
PHY 331	Thermal Physics	3
PHY 391	Practical Physics V	2
PHY 393	Workshop Course I (Mechanical)	2
STA 203	Statistics for Engineering and Physical Science	2
CED 341	Introduction to Entrepreneurship	2
<b>General Studies Course</b>		
GSP 207	Humanities I	2
		<b>23</b>
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 322	Curriculum Implementation and Instruction	3
SED 302	Science Education for Special Needs Learners	2
<b>Required Ancillary Courses</b>		
PHY 382	Introduction to Astronomy	3
PHY 392	Practical Physics VI	2
PHY 394	Workshop Course II (Electronics)	2
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
<b>General Studies Course</b>		
GSP 208	Humanities II	2
		<b>18</b>
<b>Fourth Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>

EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
EDU 431	Classroom Organisation and Management	2
SED 301	Computer Based Instruction, Simulation and Animation	2
<b>Required Ancillary Courses</b>		
PHY 351	Electronics	2
PHY 362	Quantum Mechanics I	3
PHY 421	Analytical Mechanics	3
PHY 451	Electromagnetic Theory	2
PHY 491	Practical Physics VII	2
		<b>21</b>
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 442	Measurement and Evaluation	3
EDU 490	Research Project	4
EDU 432	Educational Administration	2
SED 302	Science Education for Special Needs Learners	2
<b>Required Ancillary Courses</b>		
PHY 416	Solid State Physics	3
PHY 462	Nuclear Physics	3
PHY 492	Practical Physics VIII	2
		<b>19</b>
<b>Three Year Standard Degree Programme in Physics Education</b>		
<b>First Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
SED 101	Foundations of Science Education	2
SED 201	Mathematics Education for Science Students	2
<b>Required Ancillary Courses</b>		
PHY 211	Structure of Matter	3
PHY 221	Mechanics	2
PHY 241	Waves	3
PHY 251	Electromagnetism	2
COS 101	Introduction to Computer Science	2
GSP 101	The Use of English I	2
		<b>23</b>
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 206	Sociology of Education	2
SED 262	Physics Education Special Methods	3
EDU 224	Educational Technology	2
SED 102	Introduction to Science Education	2
SED 206	Environmental Issues in Science & Tech. Education	2
<b>Required Ancillary Courses</b>		
MTH 206	Advanced Mathematics	2
PHY 262	Introduction to Atomic and Nuclear Physics	3
PHY 292	Practical Physics IV	2
GSP 102	The Use of English II	2
		<b>20</b>
<b>Second Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 311	Educational Psychology II	2

EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3
<b>Required Ancillary Courses</b>		
PHY 321	Relativity Physics	2
PHY 331	Thermal Physics	3
PHY 391	Practical Physics V	2
PHY 393	Workshop Course I (Mechanical)	2
STA 203	Statistics for Engineering and Physical Science	2
CED 341	Introduction to Entrepreneurship	2
<b>General Studies Course</b>		
GSP 207	Humanities	2
		<b>23</b>
<hr/>		
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 322	Curriculum Implementation and Instruction	3
PHY 382	Introduction to Astronomy	3
PHY 392	Practical Physics VI	2
PHY 394	Workshop Course II (Electronics)	2
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
GSP 208	Humanities II	2
		<b>17</b>
<hr/>		
<b>Third Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
EDU 431	Classroom Organisation and Management	2
SED 301	Computer Basic Instruction	2
<b>Required Ancillary Courses</b>		
PHY 351	Electronics	2
PHY 361	Quantum Mechanics I	3
PHY 421	Analytical Mechanics	2
PHY 451	Electromagnetic Theory	2
PHY 491	Practical Physics VII	2
		<b>20</b>
<hr/>		
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 442	Measurement and Evaluation	3
EDU 492	Research Project	4
EDU 228	Introduction to Special Education	2
SED 302	Science Education for Special Needs Learners	2
EDU 432	Educational Administration	2
<b>Required Ancillary Courses</b>		
PHY 462	Nuclear Physics	3
PHY 492	Practical Physics VIII	2
		<b>22</b>
<hr/>		
four-Year Degree Programme in Physics Education		
<b>First Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
EDU 431	Classroom Organisation and Management	2
SED 301	Computer Based Instruction, Simulation and Animation	2

**Required Ancillary Courses**

PHY 351	Electronics	2
PHY 362	Quantum Mechanics I	3
PHY 421	Analytical Mechanics	3
PHY 451	Electromagnetic Theory	2
PHY 491	Practical Physics VII	2
		<b>21</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 442	Measurement and Evaluation	3
EDU 490	Research Project	4
EDU 432	Educational Administration	2
SED 302	Science Education for Special Needs Learners	2

**Required Ancillary Courses**

PHY 416	Solid State Physics	3
PHY 462	Nuclear Physics	3
PHY 492	Practical Physics VIII	2
		<b>19</b>

**Three-Year Standard Programme in Physics Education****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
SED 101	Foundations of Science Education	2
SED 201	Mathematics Education for Science Students	2

**Required Ancillary Courses**

PHY 211	Structure of Matter	3
PHY 221	Mechanics	2
PHY 241	Waves	3
PHY 251	Electromagnetism	2
COS 101	Introduction to Computer Science	2
GSP 101	The Use of English I	2
		<b>23</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 206	Sociology of Education	2
SED 262	Physics Education Special Methods	3
EDU 224	Educational Technology	2
SED 102	Introduction to Science Education	2
SED 206	Environmental Issues in Science & Tech. Education	2

**Required Ancillary Courses**

MTH 206	Advanced Mathematics	2
PHY 262	Introduction to Atomic and Nuclear Physics	3
PHY 292	Practical Physics IV	2
GSP 102	The Use of English II	2
		<b>20</b>

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 311	Educational Psychology II	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3

**Required Ancillary Courses**

PHY 321	Relativity Physics	2
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PHY 331	Thermal Physics	3
PHY 391	Practical Physics V	2
PHY 393	Workshop Course I (Mechanical)	2
STA 203	Statistics for Engineering and Physical Science	2
CED 341	Introduction to Entrepreneurship	2
<b>General Studies Course</b>		
GSP 207	Humanities	2
		<b>23</b>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 322	Curriculum Implementation and Instruction	3
PHY 382	Introduction to Astronomy	3
PHY 392	Practical Physics VI	2
PHY 394	Workshop Course II (Electronics)	2
COS 304	Computer Applications	2
CED 342	Business Development and Management	2
GSP 208	Humanities II	2
		<b>17</b>

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
EDU 431	Classroom Organisation and Management	2
SED 301	Computer Basic Instruction	2
<b>Required Ancillary Courses</b>		
PHY 351	Electronics	2
PHY 361	Quantum Mechanics I	3
PHY 421	Analytical Mechanics	2
PHY 451	Electromagnetic Theory	2
PHY 491	Practical Physics VII	2
		<b>20</b>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 442	Measurement and Evaluation	3
EDU 492	Research Project	4
EDU 228	Introduction to Special Education	2
SED 302	Science Education for Special Needs Learners	2
EDU 432	Educational Administration	2
<b>Required Ancillary Courses</b>		
PHY 462	Nuclear Physics	3
PHY 492	Practical Physics VIII	2
		<b>22</b>

**Department of Social Science Education****Staff**

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S. A. Ezeudu, B.Sc. Ed., M.Ed., Ph.D. (Nigeria)	Professor
B. N. Ezegebe, B.Ed., M.Sc., M.Ed., Ph.D.(Soc. Studies), Ph.D. (Admin & Planning) Nigeria,	Reader
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J. C. Onuoha, B.Sc. Ed., M.Sc., Ph.D. (Nigeria)	Lecturer I
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E. O. Idika, B.Sc., PGDE, M.Ed. Ed/ (Nigeria)	Assistant Lecturer
S. O. Ome, B.Sc., M.Ed. (Nigeria)	Assistant Lecturer
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E. Eze, B.Sc. (Ed/) (Nigeria)	Graduate Assistant
J. N. Obiorah, B.Sc. (Nigeria)	Graduate Assistant
U.A. Onwuzurike, B.Sc. (Ed). (Nigeria)	Graduate Assistant
F Ekwesaranna, PGD, B.Sc, (Nigeria)	Principal Executive Officer II
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C.C. Offor, B.Sc. (Nigeria)	Assistant Tutor
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C.H. Machebe, B.Sc. (Nigeria)	Technical Instructor II
B.C. Eze, B. Ed. (Nigeria)	Assistant Executive Officer
E.E. Appolos, B.Ed. (Nigeria)	Chief Data Entry Operator /Assistant Executive Officer

### Philosophy, Objectives and Scope

The philosophy of the Social Science Education programmes is consistent with Nigeria's philosophy of Education, which is based on the need to develop the Nigerian child into an all round effective citizen as well as the integration of the child into the Nigerian multi-ethnic community (cf FRN, 2004).

The basic objective of the Department of Social Science Education is to train Social Science teachers who are academically and professionally competent to educate pupils at any level of the Education system. The main purpose of the (undergraduate and postgraduate degree) programmes in Social Science Education is to turn out dedicated and reliable Social Science Educators, knowledgeable in their respective areas of academic interest and skillful in classroom management as well as in dealing with human beings. In more specific terms, the programmes are aimed at:

- (i) producing highly motivated, conscientious, skilful, innovative and efficient classroom teachers for all levels of Nigerian educational system;
- (ii) training teachers who are mindful, proud and protective of the socio-cultural, political and economic institutions of Nigeria; and
- (iii) equipping teachers of the Social Sciences with requisite physical and intellectual skills for effective leadership, followership and cooperative roles in different sectors of Nigerian society.

### General entry requirement

Candidates who have satisfied the minimum University requirements of five O'level credit passes including English and Mathematics and other relevant subjects to be combined with education, with the exception of social studies which should require credit in any social science or Arts subject. Only candidates who wish to offer education economics are expected to have credit in mathematics while those who wish to combine education with political science, social studies, and Geography need only pass in Mathematics.

### Direct Entry Admission

Candidates may be admitted into the three-year degree programme if they possess minimum University entry requirements plus any of the following:

- (i) Two “A” level passes in relevant subjects which should include candidates proposed course.
- (ii) NCE distinction credit/merit passes in addition to TC II or O’level credited in relevant subjects.
- (iii) Diploma in Public Administration, Social Work and Environmental/ Geographic Education.

### Job Opportunities

Students who successfully complete the programmes have ample teaching opportunities with the various ministries of Education in the country. The graduates are also employable in personnel departments of ministries, parastatals and private institutions where graduates in the social sciences are required. In addition, graduates of the programmes can get employment in banks, hospitals and prisons as social workers

### Subject Combinations

The following subject combinations are available in the Department:

Education/Economics

Education/Geography

Education/Political Science

Education/Social Studies

Students of the Department take general education courses from Departments of Education Foundations and Arts Education. They also take courses from the various Departments within and outside the faculty in which their teaching subjects are based.

### Stress Areas

Foundation of Social Science education	0
Economics Education	1
Geography and Environmental Education	2
Political Science Education	3
Social Studies Education	4
Project	5

### Education Economics

#### Three Year Standard Degree Programme

#### First Year

##### First Semester

CODE	TITLE	UNITS
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##### Major Courses

EDU I01	Introduction to Education	2
EDU 102	History of Education	2
EDU 211	Psychology of Education	2
EDU 221	Curriculum Theory and Planning	3
ECO 101	Principles of Economics I	2
ECO 131	Introduction to Economics Statistics I	2

##### Required Ancillary Courses

PSY101	Introduction to Psychology	2
COS101	Introduction to Computer Science	2

##### General Studies Courses

GSP101	Use of English	2
GSP111	Use of Library and Study skill	2
		<b>21</b>

##### Second Semester

CODE	TITLE	UNITS
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##### Major Courses

EDU 201	Philosophy of Education	2
EDU 205	Sociology of Education	2
EDU 222	Special Methods	2
EDU 224	Educational Technology	2
EDU 311	Educational Psychology II	2
ECO 102	Principles of Economics II	2

ECO 132	Introduction to Economics Statistics II	2
ECO 122	Principles of Business Management	2
<b>General Studies Courses</b>		
GSP102	Use of English II	2
		<b>18</b>
<hr/>		
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 325	Teaching Practice I	3
ECO 281	Structure of Nigerian Economy I	2
ECO 301	Intermediate Microeconomic Theory I	2
ECO 303	Intermediate Microeconomic Theory II	2
ECO 331	Introduction to Economics I	2
ECO 361	Development Economics	2
ECO 391	Research Methods in Economics	2
SOC 101	Introduction to Sociology	2
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
GSP 201	Peace and Conflict Resolution I	2
		<b>21</b>
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<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 321	Curriculum Implementation and Instructions	3
EDU 341	Research Methods, Statistics & Computer Usage	3
ECO 282	Structure of Nigerian Economy	2
ECO 302	Intermediate of Macroeconomic Theory I	2
ECO 304	Intermediate of Macroeconomic Theory II	2
ECO 332	Introduction to Econometrics II	2
ECO 392	Research Methods in Economic II	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	2
<b>General Studies Courses</b>		
GSP 106	Natural Science II	2
GSP202	Peace and Conflict resolution	2
		<b>22</b>
<hr/>		
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 411	Education Psychology III	2
EDU 425	Teaching Practice II	3
EDO401	Advanced Microeconomic Theory and Policy I	2
ECO 403	Advanced Macroeconomic Theory and Policy I	2
ECO 461	Problems and Policies of Development	2
ECO 465	Economic Planning I	2
ECO 475	Project Evaluation I	2
<b>Electives</b>		
EDU 213	School Guidance and Counseling	2
		<b>17</b>
<hr/>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 451	Research Project	4
EDU 441	Measurement and Evaluation	2
ECO 402	Advanced Microeconomic Theory and Policy II	2
ECO 404	Advanced Macro-economic Theory and Policy II	2
ECO 452	Economics of Production	2

ECO 462	Economic Planning II	2
ECO 476	Project Evaluation II	2
<b>Required Ancillary Courses</b>		
EDU 227	Introduction to Special Education	2
		<b>18</b>

**Education Economics****Four-Year Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 102	History of Education	2
EDU 211	Educational Psychology I	2
ECO 101	Principles of Economics I	2
ECO 131	Introduction to Economics Statistics I	2
ECO 121	Accounting	2

**Required Ancillary Courses**

PSY 101	Introduction to Psychology	2
COS 101	Introduction to Computer Science	2
SOC 101	Introduction to Sociology	2

**General Studies Courses**

GSP 101	Use of English I	2
GSP 105	Natural Science I	2
GSP 111	Use of Library and Study skills	2
		<b>22</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 201	Philosophy of Education	2
EDU 205	Sociology of Education	2
EDU 203	Comparative Education	2
ECO 102	Principles of Economics II	2
ECO 132	Introduction to Economics Statistics II	2
ECO 122	Introduction to Business Management	2
ECO 124	Principles of Business Finance	2

**Required Ancillary Courses**

ECO 122	Introduction to Business management	2
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**General Studies Courses**

GSP 102	Use of English II	2
GSP 106	Natural Science II	2
		<b>20</b>

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 101	Introduction to Education	2
EDU 221	Curriculum Theory and Planning	3
ECO 201	Micro Economics Theory I	2
ECO 203	Macro Economics Theory I	2
ECO 233	Intermediate Maths for Economics I	2
ECO 273	Labour Economics	2

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
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**General Studies Courses**

GSP 207	Humanities	2
GSP 201	Peace and Conflict Resolution I	2
		<b>19</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 222	Special Methods	3
EDU 224	Educational Technology	2
ECO 202	Micro-economic Theory II	2
ECO 204	Macro-economic Theory II	2
ECO 282	Structure of the Nigerian Economy	2
ECO 234	Intermediate Mathematical Economics II	2

**Required Ancillary Courses**

SOC 252	Social Change and Social Problems	2
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**General Studies Courses**

GSP 208	Humanities II	2
GSP 202	Peace and Conflict Resolution 11	2
		<b>19</b>

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU.324	Issues in Primary Education	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods Statistics and Computer Usage	3
ECO 301	Intermediate Macro-economic theory I	2
ECO 303	Intermediate macroeconomics 11	2
ECO 351	Introduction to Demography	2
ECO 391	Research Methods in Economics	2
ECO 361	Developmental Economics I	2
ECO 311	History of economics thought	2
ECO 331	Introduction to Econometric I	2

**Required Ancillary Courses**

CED 341	Introduction to Entrepreneurship 1	2
		<b>24</b>

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 227	Introduction to Special Education	2
EDU 311	Educational Psychology II	2
EDU 321	Curriculum Implementation and Instruction	3
ECO 302	Intermediate Micro-economic theory	2
ECO 304	Intermediate Micro-economic theory 11	2
ECO 332	Introduction to economics	2
ECO 392	Research Methods in economics II	2
ECO 362	Development Economics II	2

**Required Ancillary Courses**

COS 304	Computers Applications	2
CED 342	Introduction to Entrepreneurship 11	2
		<b>21</b>

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice	3
EDU 451	Research Project	4
ECO 401	Advanced Micro-economic Theory and Policy I	2
ECO 403	Advanced Macro-economic Theory and Policy 1	2
ECO 461	Problems and Politics of Development	2
ECO 465	Economic Planning I	2
ECO 475	Project Appraisal I	2
		<b>19</b>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 431	Educational Administration	2
EDU 441	Measurement and Evaluation	2
ECO 402	Advanced Micro-economic Theory and Policy II	2
ECO 404	Advanced Macro-economic Theory and Policy II	2
ECO 452	Economics of Production	2
ECO 462	Economic Planning II	2
ECO 476	Project Appraisal II	2
ECO 428	Advance Monetary Economics	2
		<b>16</b>

### Education Geography B.Sc. (Ed)

#### General

Geography is the study of the structures and forms of the earth (Physical environment) as well as its inhabitants (aquatic, terrestrial and serial) and the nexus between them.

#### Philosophy

The philosophy behind Geography degree programmes is the production of well equipped graduates who will make meaningful contributions to the development of Nigeria and the world at large through exposure to geographical knowledge.

#### Aims and objectives:

The aims and objectives are to:

- (1) provide students with sound knowledge of Geography and workings of the society.
- (2) educate students on geographical theories and methods and prepare them as effective teachers,
- (3) inculcate in students, the attitude of application of Geography in solving societal problems
- (4) make students appreciate the importance of Geography and its contributions to development
- (5) develop in students useful competencies for work in public and private sectors as well as being self employed.
- (6) provide students with knowledge base to further studies in Geography and other courses involving Geography.

#### Admission Requirements

Candidates who wish to study Geography Education must in addition to meeting the requirements for the faculty, must have obtained a credit in mathematics, Geography, English and any other two relevant subjects.

### Education Geography

#### Four Year Standard Degree Programme

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 101	Introduction to Education	2
EDU 102	History of Education	2
GEO 101	Basic Elements of the Land Forms and the Hydrosphere	2
GEO 103	Fundamentals of Human Geography I	2
GEO 121	Basic Statistical Methods of Geographers I	2
GEO 131	Introduction to Map Work and Practical Geo	3
GEO 161	Introduction to Environmental Science	2
<b>Basic Ancillary Course</b>		
COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 111	The Use of Library	2
GSP 105	Natural Science 1	2
		<b>23</b>

##### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		

EDU 201	Philosophy of Education	2
EDU 203	Comparative Education	2
EDU 224	Educational Technology	2
GEO 102	Basic Elements of the Atmosphere and Biosphere	2
GEO 104	Fundamentals of Human Geography II	2
GEO 122	Basic Statistical Methods for Geographers 11	2
GEO 132	Elementary Surveying	3
GEO 184	Local Field Studies	3
GEO 162	Basics of Environmental Change	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 106	Natural Science	2
		24
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<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 204	Environmental Education	2
EDU 211	Educational Psychology II	2
GEO 161	Introduction to Environmental Science	2
GEO 211	Development and Structural Basis of Geomorphology	2
GEO 213	The Physical Basis of Climate	2
GEO 215	Introduction to Biogeography	2
GEO 271	Spatial Patterns of Land Use	2
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
GSP 207	Humanities	2
		18
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<b>Second Semester</b>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 222	Special Methods	3
EDU 311	Educational Psychology II	2
GEO 212	Geomorphologic Processes and Forms	2
GEO 214	Climatic Systems and Regional Climates	2
GEO 216	Principles of Biogeography	2
GEO 242	Introduction to Population Geography	3
<b>General Studies Courses</b>		
GSP 105	Natural Science II	2
GSP 208	Humanities 11	2
		18
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<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 325	Teaching Practice I	3
EDU 341	Research Methods Statistics and Computer Usage	3
GEO 201	Contemporary Philosophy and Methodology of Geography I	2
GEO 341	Principles and Methods of Population Geography	2
GEO 351	Economic Geography	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship 1	2
COS 101	Introduction to Computer Science	2
<b>Electives: 4 Units to be chosen from the list below</b>		4
GEO 311	Principles of hydrology	2
GEO 313	Run off Processes in Drainage Basin	2
GEO 234	Introduction to Geographic Information System	2
GEO 337	Aerial Photo Interpretation	2
GEO 343	Settlement Geography	2

GEO 353	Land Resources Evaluation	2
		21

**Second Semester**

CODE	TITLE	UNITS
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*Major Courses*

EDU 321	Curriculum Implementation and Instruction	3
EDU 205	Sociology of Education	2
GEO 202	Contemporary Philosophy and Methodology of Geography II	2
GEO 446	Theories and Applications of Population Geography	2
GEO 373	Geographical Regions of Africa	2

**Required Ancillary Courses**

CED 342	Introduction to Entrepreneurship 11	2
COS 304	Computer Application	2

**Electives: 4 Units to be chosen from the list below** 4

GEO 363	Soil Conservation & Protection	2
GEO 323	Applications of Geographic Information System	2
GEO 335	Environmental Remote Sensing	2
GEO 344	Urban Settlement Systems	2
GEO 271	Spatial Patterns of Land Use	2
		19

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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*Major Courses*

EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
EDU 431	Educational Administration	2
GEO 401	Development of Geography Thought	2
GEO 463	Environmental Protection and Management	3
GEO 481	Geographical Regions of Nigeria	2
GEO 453	The Developing World	2

**Geography Options: 4 Credits to be taken from the list below**

(2 credits from each option area) 4

*Physical Resources Options*

GEO 411	Theory, Method And Application In Geomorphology.	2
GEO 413	Weather and Climate In The Tropics	2
GEO 415	Tropical Vegetation Resource Analysis	2
GEO 417	Urban Hydrological Problems	2
GEO 465	Geography of Water Resources	2

*Development and Planning Options*

GEO 441	Urbanization & Development	2
GEO 443	Population & Resources Dev.	2
GEO 453	The Rural System	2
GEO 455	Principles of Agricultural Geography	2
GEO 457	Industrial Location & Models	2
GEO 467	Principles and Application Of Urban Planning	2
GEO 475	Principles of Political Geography	2
GEO 451	Development of Transportation Systems	2
		20

**Second Semester**

CODE	TITLE	UNITS
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*Major Courses*

EDU 451	Research Project and Seminar	4
EDU 441	Measurement and Evaluation	2
GEO 402	Development of Geographic Thought 11	2
GEO 452	The Developing World	2
GEO 482	Geography and Nigerian Development	2

**Geography Options: Electives:****4 Credits to be taken - 2 credits from Each option area***Physical Geography Options:*



GEO 412	Applied Geomorphology	2
GEO 414	Applied Climatology	2
GEO 416	Ecosystems Management	2
GEO 418	Hydrological Measurements and Network Design	2
GEO 466	Water Resources Development and Management	2
<i>Development and Planning Options:</i>		
GEO 442	Internal structure of the city	2
GEO 452	Transportation Development Problems and Planning	2
GEO 456	Agricultural Resources of the Humid Tropics	2
GEO 444	Rural Development and Planning.	2
GEO 468	Housing Political Organization of Space	2
GEO 458	Industrial Systems and Development	2
GEO 476	The Political Organization of Space	2
GEO 451	Recreation and Tourism	2
		<hr/> 16

**Education Geography****Three Year Standard Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 102	History of Education	2
EDU 211	Education Psychology I	2
EDU 221	Curriculum Theory and Planning	3
GEO 121	Basic Statistical Method for Geographers I	2
GEO 131	Introduction to Map Work & Practical Geography	2
GEO 211	Developmental & Structural Basis of Geomorphology	2
GEO 213	The Physical Basis of Climate	2
GEO 215	Introduction to Biogeography	2
<i>General Studies Courses</i>		
GSP101	The Use of English I	2
<b>GSP 111</b>	Use of Library	2
<i>Required Ancillary Courses</i>		
COS 101	Introduction to Computer Science	2
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 222	Special Method	3
EDU 224	Educational Technology	2
GEO 122	Basic Statistical Method for Geographers II	2
GEO 132	Elementary Surveying	2
GEO 212	Geomorphological Processes & Form	2
GEO 216	Principles of Biogeography	2
GEO 242	Introduction to Population Geography	3
GEO 214	Climatic Systems and Regional Climates	2
<i>General Required Course</i>		
GSP 102	The use of English II	2
		<hr/> 20

**Second Year****First Semester**

CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Static's and Computer Usage	3
GEO 271	Spatial Pattern of Land use	2
GEO 201	Contemporary Philosophy & Methodology of Geography	2
GEO 341	Principles & Methods of Population Geography I	2
GEO 351	Economic Geography	2

**General Studies Courses**

GSP 105	Natural Science I	2
GSP 201	Basic Concepts & Theories of Peace and Conflict	2
		18

**Second Semester**

CODE	TITLE	UNITS
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*Major Courses*

EDU 201	Philosophy of Education	2
EDU 205	Sociology of Education	2
EDU 311	Education psychology II	2
GEO 262	Introduction to Environmental Science	2
GEO 302	Contemporary Philosophy & Methodology of Geography II	2
GEO 342	Theories & Application in Population Geography	2
GEO 382	Geographic Regions of Africa	2

**General Studies Courses**

GSP 106	Natural Science II	2
GSP 202	Issues in Peace & Conflict Resolution	2

**Required Ancillary Courses**

COS 304		2
		20

**Third Year****First Semester**

CODE	TITLE	UNITS
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*Major Courses*

EDU 204	Environmental Education	2
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
GEO 401	Development Geographic Thought	2
GEO 453	The Developing World	2
GEO 481	Geographical Regions of Nigeria	2
GEO 461	Environmental Protection and Management	2

**Required Ancillary Courses**

CED 341	Introduction to Entrepreneurship 1	2
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**Electives : 4 units to be chosen from the list below** 4

**2 units from each option are:**

*Physical resources options*

GEO 411	Theory, Method and Application in Geomorphology	2
GEO 413	Weather and Climate in the Tropics	2
GEO 415	Tropical Vegetation Resource Analysis	2
GEO 417	Urban Hydrological Problems	2
GEO 465	Geography of Water Resources	2

*Development and Planning Options*

GEO 441	Urbanization & Development	2
GEO 443	Population & Resources Development.	2
GEO 453	The Rural System	2
GEO 455	Principles of Agric. Geography	2
GEO 457	Industrial Location & Models	2
GEO 467	Principles & Applications of Urban Planning	2
GEO 475	Principles of Political Geography	2
GEO 451	Development of Transportation Systems	2
		21

**Second Semester**

CODE	TITLE	UNITS
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*Major Courses*

EDU 321	Curriculum Implementation and Instruction	3
EDU 451	Research Project and Seminar	4
EDU 441	Measurement and Evaluation	2
GEO 402	Development and Geographic Thought 11	2
GEO 454	The Developed World	2
GEO 472	Geography of Nigerian Development	2

**Required Ancillary Courses**

CED 342	Introduction to Entrepreneurship 11	2
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<b>Electives : 4 units to be chosen from the list below</b>	<b>4</b>	
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**2 units from each option are:***Physical resources options*

GEO 414	Applied Climatology	2
GEO 416	Ecosystem Management	2
GEO 418	Hydrological Measurements and Network Design	2
GEO 466	Water Resources Development and Management	2

*Development and Planning Options*

GEO 442	Internal Structure of the City	2
GEO 444	Rural Development Planning	2
GEO 452	Transportation Development and Planning	2
GEO 456	Agricultural Resources of the Humid Tropics	2
GEO 458	Industrial Systems and Development	2
GEO 468	Housing Policies and Problems	2
GEO 472	The political organization of space	2
GEO 476	Recreation and tourism	2
		<hr/> 21

**Bachelor of Science Degree in Education Political Science****General**

Political Science is the systematic study of power acquisition, and utilization which impact on the formation of public policies and system of governance generally.

**Philosophy**

The philosophical underpinning of Political Science is geared towards the production of graduate teachers who possess extensive knowledge, critical mind, requisite ability and skills to comprehend, analyse, predict and influence the factors which impact on power relationship, governance system and the teaching and learning of government.

**Aims**

The aims are to:

- (1) produce students teachers with adequate knowledge of the contents and principles of political science and its application in classrooms.
- (2) expose student teachers to education principles, theories, and methodologies and their application in the effective implementation of senior secondary school government in classrooms
- (3) inculcate sound knowledge of how the society is organized and the skills to apply in providing solutions to socio-political problems and conflicts.
- (4) instil in students teachers a sense of appreciation of the dynamics of politics and its impact on socio-economic development of the wider world.

**Admission Requirements**

Candidates who wish to study Education Political Science must have obtained English, Government or History and any other three (3) relevant subjects at credit level and a **pass** in Mathematics.

**Four Year Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 101	Introduction to Education	2
EDU 102	History of Education	2
EDU 211	Educational Psychology I	2
PSC 101	Introduction to Political Science I	2
PSC 111	Nigerian Constitutional Development	2
PSC 113	Nigerian Legal System I	2
PSC 131	Introduction to Public Administration	2

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
GEO 131	Introduction to Map work & Practical Geography	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
		<b>22</b>
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 201	Philosophy of Education	2
PSC 102	Introduction to Political Sciences II	2
PSC 112	Introduction to African Politics	2
PSC 116	Organization of Government: The citizen and the State	2
PSC 118	Introduction to Comparative Politics	2
PSC 122	Introduction to International Politics	2
PSC 182	Industrial Training/Field Trip	2
PSC 114	Introduction to Strategic Studies	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 106	Introduction to Natural Science II	2
		<b>20</b>
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 221	Curriculum Theory and Planning	3
PSC 201	Introduction to Political Analysis	2
PSC 211	Nigeria Government and Politics	2
PSC 213	Methodology to Comparative Politics	2
PSC 221	Foreign Policy Analysis	2
PSC 231	Principles of Public Administration	2
PSC 223	American Politics and Constitutional Democracy	2
<b>Required Ancillary Course</b>		
FSS 201	Introduction to Statistics Methods for the Social Science I	2
<b>General Studies Courses</b>		
GSP 207	Logic, Philosophy and Human Existence	2
GSP 201	Basic Concept and Theories of Conflict Resolution	2
		<b>21</b>
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 205	Sociology of Education	2
EDU 222	Special Method	3
EDU 224	Educational Technology	2
PSC 252	Nigeria Foundation of Political Economy	2
PSC 272	Political Idea	2
PSC 282	Industrial Training/Field Trip	2
<b>Required Ancillary Courses</b>		
FSS 202	Introduction to Statistical Methods for the Social Sciences II	2
<b>General Studies Courses</b>		
GSP 208	Nigerian Peoples and Culture	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
		<b>19</b>
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 325	Teaching Practice	3
EDU 341	Research Method, Statistics and Computer Usage	3

PSC 341	Politics Development and Under-Development	2
PSC 371	History of Political Thought (Classical to Contemporary)	2
PSC 335	Public Policy Analysis	2
PSC 361	Logic and Method of Political Inquiry	2
PSC 363	Political Data Analysis	2
<b>Electives: Choose Two Units</b>		2
PSC 311	Government and Administration of Urban System	2
PSC 333	Theory and Practice of Marxism	2
PSC 351	Theories of Political Economy	2
<b>General Courses</b>		
CED 341	Introduction to Entrepreneurship	2
		18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 311	Educational Psychology II	2
EDU 321	Curriculum Implementation and Instruction	3
PSC 302	Political Behaviour	2
PSC 312	Comparative Federalism	2
PSC 332	Public Administration and administrative law in Nigeria	3
PSC 352	History of Political Thought II	2
PSC 364	Contemporary Political Analysis	2
PSC 382	Industrial Training/Field Trip	2
<b>General Course</b>		
CED 342	Business Development and Management	2
		20
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
EDU 432	Supervision and Instruction	2
PSC 411	Strategic and Defence Studies	2
PSC 413	Nigerian Local Government	3
PSC 443	Budget & Budgeting Processes	3
PSC 451	Political Economy of Migration & remittances	2
PSC 453	Politics of Human Rights; Conflict Resolution and Management	2
PSC 473	Political Sociology	2
		21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 441	Measurement and Evaluation	2
EDU 451	Project and Seminar	4
PSC 412	Politics and Law in Africa	2
PSC 414	Political Parties and Pressure groups	2
PSC 422	Politics and International Law	2
PSC 452	State and Economy	2
PSC 434	Public Personnel and Finance Administration	2
PSC 432	Comparative Public Administration	2
PSC 426	International Organisation and Institution	2
<b>Total</b>		20
<b>Three Year Standard Programme</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 102	Introduction to Education	2

EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning I	3
PSC 101	Introduction to Political Science I	2
PSC 112	Nigerian Constitutional Development	3
PSC 211	Nigerian Government and Politics I	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
PSY 101		2
<b>General Studies Courses</b>		
GSP 101	The Use of English II	2
GSP 201	Peace, Conflict and Resolution II	2
GSP 111	Use of Library	2
		24
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 201	Philosophy of Education	2
EDU 205	Sociology of Education	2
EDU 222	Special Methods	3
EDU 224	Educational Technology	2
PSC 102	Introduction to Political Sciences II	2
PSC 212	Nigerian Government & Politics II	2
PSC 213	Introduction to Local Government	2
PSC 251	Political Ideas	3
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution in Studies	2
		22
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 325	Teaching Practice I	3
EDU 341	Research Method Statistics & Computer Usage	3
PSC 221	Introduction to International Relations	3
PSC 335	Public Policy Analysis	3
PSC 341	Politics of Development and Under Development	3
PSC 351	History of Political Thought I	2
PSC 362	Political Data Analysis	2
<b>GENERAL STUDIES COURSES</b>		
GSP 105	Natural Science I	2
CED 341	Introduction to Entrepreneurship I	2
		23
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 321	Curriculum Implementation and Instruction	3
EDU 311	Educational Psychology	2
PSC 301	Political Behaviour	2
PSC 311	Comparative Federalism	2
PSC 312	Government and Administration of Urban Systems	3
PSC 331	Public Relation & Administration in Nigeria	3
PSC 352	History of Political Thought II	2
PSC 364	Contemporary Political Analysis	3
<b>General Studies Courses</b>		
GSP 106	Natural Science II	2
CED 342	Introduction to Entrepreneurship II	2
		24
<b>Third Year</b>		

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
PSC 411	The Military and Politics	3
PSC 413	Nigerian Local Government	3
PSC 434	Development Administration	3
PSC 425	Third World and Dependency	3
		<b>17</b>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 451	Research Project and Seminar	4
EDU 227	Introduction to Special Education	2
EDU 433	Classroom Organization and Management	2
EDU 441	Measurement and Evaluation	2
PSC 412	Politics and Law in Africa	3
PSC 414	Political Parties and Pressure Groups	3
PSC 422	Politics of International Law	3
PSC 441	State and Economy	3
<b>Required Ancillary Courses</b>		
COS 303	Computer Applications	2
		<b>24</b>

**Education Social Studies****Four Year Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 101	Introduction to Education	2
EDU 102	History of Education	2
SSE 100	Elements of Social Studies	3
SSE 103	Introduction to Social Studies Education and Nation Building	2
SSE 104	Family base as Structure and Society	3
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 111	Use of Library	2
<b>Required Ancillary Courses</b>		
PSC 101	Introduction to Political Thought I	2
COS 101	Introduction to Computer Science	2
SOC 101	Introduction to Sociology	2
		<b>22</b>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
SSE 101	Structure characteristics and man's place	3
SSE 102	Introduction to Nigeria Social Life and Culture	3
SSE 106	Introduction to Nigeria cultural environment	3
SSE 112	Community life and Development I	2
<b>Required Ancillary Courses</b>		
MAC 112	Writing for the Mass Media	2
COS 304	Computer Applications	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
		<b>17</b>

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
EDU 204	Environmental Education	2
SSE 201	Study of Matter in Space	3
SSE 202	Social Interaction in Nigeria	3
SSE 203	Social Studies Education and Nation Building	3
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
		18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 205	Sociology of Education	3
EDU 201	Philosophy of Education	2
EDU 222	Special Methods	3
EDU 224	Educational Technology	2
SSE 204	Nigeria Social Political Structure	3
SSE 205	Socio Economic Structure of Nigeria	3
<b>General Studies Courses</b>		
GSP 106	Natural Science II	2
GSP 202	Basic concepts and Theories of Peace and Conflict	2
<b>Required Ancillary Course</b>		
GEO 262	Introduction to Natural disaster	2
		22
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 325	Teaching Practice I	3
EDU 341	Research Method Statistic & Computer Usage	3
EDU 213	School Guidance and Counseling	2
SSE 206	Culture and Social Stability	3
SSE 305	Finance and Financial Institutions in Nigeria	3
SSE 306	Nigeria Cultural Patterns and historical Origins	3
<b>Required Ancillary Course</b>		
PHE 343	Drug and Tobacco Education	2
CED 341	Introduction to Entrepreneurship	2
		21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 311	Educational Psychology II	2
EDU 321	Curriculum Implementation and Instruction	3
SESE 301	Study of Evens in Places	3
SSE 302	Nationalism and Patriotism in Nigeria	3
SSE 303	Social Studies Education and Theories of Nation Building	3
<b>Required Ancillary Course</b>		
MAC 202	Media and Society	2
		16
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 425	Teaching Practice II	3
EDU 411	Educational Psychology III	2
SSE 304	Politics, Power and Government in Nigeria	3
SSE 313	Community life and Development II	3



SSE 401	Study of Ideas in Space	3
SSE 403	Social Studies Education: Problems and Prospects of Nation Building	3
		<b>17</b>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 441	Measurement and Evaluation	2
EDU 451	Research Project and Seminar	4
SSE 411	Contemporary World Issues	3
SSE 421	Africa and Developing Nations	3
SSE 431	Contemporary Issues in Social studies Education	4
		<b>16</b>

**Education/Social Studies****Three Year Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 101	Introduction to Education	2
EDU 102	History of Education	2
EDU 221	Curriculum Theory and Planning	3
SSE 100	Elements of social studies	3
SSE 103	Introduction to Social Studies Education and Nation Building	2
SSE 104	Family Base as Structure of Society	3
<b>General Studies Courses</b>		
GSP 101	The Use of English 1	2
GSP 111	Use of Library	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
PSC 101	Introduction to Political Science I	2
		<b>23</b>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 201	Philosophy of Education	2
EDU 222	Special Method	3
EDU 224	Educational Technology	2
SSE 101	Structure Characteristics of Man's Place	3
SSE 102	Introduction to Nigeria Social Life and Culture	3
SSE 112	Community Life and Development 1	2
<b>Required Ancillary Courses</b>		
PSC 111	Introduction to African Politics	2
<b>General Studies Courses</b>		
GSP 102	The Use of English	2
		<b>19</b>

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 325	Teaching Practice I	3
EDU 211	Educational Psychology	2
EDU 341	Research Methods Statistics and Computer Usage	3
SSE 202	Social Interaction in Nigeria	3
SSE 203	Social Studies Education and Patterns of Nation Building	3
SSE 305	Finance and Financial Institution in Nigeria	3
<b>General Studies Courses</b>		
GSP 105	Natural science I	2
GSP 201	Basic Concepts of Theories of Peace and Conflict	2
<b>Required Ancillary Courses</b>		

CED 341	Introduction to Entrepreneurship	2
		<hr/> 23
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 205	Sociology of Education	2
EDU 321	Curriculum Implementation and Instruction	3
EDU 311	Educational Psychology II	2
SSE 201	Study of Matter in space	<b>3</b>
SSE 205	Socio-Economic Structure of Nigeria	3
SSE 301	Study of Event in Place	3
<b>General Studies Courses</b>		
GSP 106	Natural science	2
GSP 202	Basic Concepts of Theories of Peace and Conflict	2
<b>Required Ancillary Courses</b>		
CED 342	Introduction to Entrepreneurship	2
		<hr/> 22
<b>Third Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 425	Teaching Practice 1	3
EDU 411	Educational Psychology	2
SSE 304	Politics Power and Government 11	3
SSE 313	Community Life and Development 11	3
SSE 401	Study if Ideas in Space	3
SSE 403	Social Studies Education: Problems and Prospects of Nation Building	3
		<hr/> 17
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
EDU 441	Measurement and Evaluation	2
EDU 451	Research Project and Seminar	<b>4</b>
SSE 302	Nationalism and Patriotism in Nigeria	3
SSE 303	Social Studies Education and Theories of Nation Building	3
SSE 411	Contemporary World Issue	<b>3</b>
SSE 421	Africa and Developing Nations	3
<b>Required Ancillary Course</b>		
COS 304	Computer Application	2
		<hr/> <b>20</b>



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M. E. Okechukwu, B.Eng., (Enugu), M.Eng. (Nigeria)	Lecturer II
U. C. Abada, B.Eng., M.Eng. (Nigeria)	Lecturer II
E. Ugwu, B.Eng., (Enugu), M.Eng. (Nigeria)	Lecturer II
V. C. Okonkwo, B.Eng. (Nigeria)	Graduate Assistant
K. C. Ekwunife, B.Eng. (Nigeria), M.Phil. (Cambridge)	Graduate Assistant
I. Onyekwelu, B.Eng. (Nigeria)	Graduate Assistant
A. C. Ezeagba, B. Tech. (Owerri)	Graduate Assistant
A. O. Ezeama, B.Eng. (Enugu), M.Eng. (Nigeria)	Chief Technologist
C. C. Ekpette, B.Ed. (Nigeria)	Departmental Secretary

**Introduction**

Engineering combines creativity and practicality on a scientific basis. When the scientific basis borders on living things, their by-products and/or their natural resource base, the resulting branch of engineering is variously called Agricultural, Biological, Biosystems, Bioresource, and/or Bioenvironmental Engineering. The Agricultural Engineering Department at UNN is the first to offer a regular degree programme in Nigeria. In adding Bioresources Engineering to its curriculum, the Department seeks to embrace the full range of its capability in providing much needed personnel for the development of national self-sufficiency in food, fibre and timber products.

**Scope**

The Department offers a 5-year B.Eng. degree programme designed to give students a firm foundation in the discipline. In the first two years of the programme, study concentrates on the engineering sciences

common to all engineering disciplines. From the third year onwards, discipline specialization courses are introduced. This finally leads to students, in the final year of the programme, taking courses with emphasis on one of the following options:

- (i) Power Systems, Machinery and Forest Engineering
- (ii) Soil, Water Resources and Aquacultural Engineering
- (iii) Food and Bioprocess Engineering
- (iv) Structures and Environmental Quality Engineering

### Entry Requirements

Candidates who have passed the W.A.S.C. (with credit) or General Certificate of Education G.C.E.(Ordinary Level) or Senior School Certificate Examinations in 5 credits including Mathematics, Physics, Chemistry and English Language in not more than two sittings may be admitted into the five-year programme through the U.M.E. entrance requirements.

Applicants who have passed the Higher School Certificate (H.S.C.) (Principal Level) or G.C.E. (Advanced Level) in Physics and Mathematics, with Chemistry (at Ordinary or Advanced Level) in addition to other University minimum entry requirements, may be admitted into the four-year programme as direct entry students.

### Stress Areas

Basic/Introductory	0
Power Systems, Machinery and Forest Engineering	1
Soil, Water Resources and Aquacultural Engineering	2
Food and Bioprocess Engineering	3
Structures and Environmental Quality Engineering	4
Computers and Information Technology	5
Seminar and Special Problems	6
Project	7

### Five-Year Standard Programme

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
ENG 101	Introduction to Engineering	2
<b>Required Ancillary Courses</b>		
MTH 111	Elementary Mathematics I	3
MTH 112	Elementary Mathematics II	3
PHY 107	Fundamentals of Physics I	3
PHY 192	Practical Physics II	2
CHM 101	Basic Principles of Chemistry I	2
CHM 171	Basic Practical Chemistry	2
<b>General Studies Courses</b>		
GSP 101	Use of English I	2
		<hr/> 19

##### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
ENG 102	Applied Mechanics	3
<b>Required Ancillary Courses</b>		
MTH 113	Elementary Mathematics III	3
PHY 105	General Physics for Physical Sciences II	2
PHY 109	Fundamentals of Physics III	3
CHM 112	Basic Principles of Chemistry II	2
CHM 122	Basic Principles of Chemistry III	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
		<hr/> 17

### Four-Year Standard Programme Starts Here

#### First Semester

CODE	TITLE	UNITS
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**Major Courses**

ABE 201	Introduction to Agricultural and Bioresources Engineering	1
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<b>ENG 201</b>	Material Science	2
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ENG 202	Material Science Laboratory	1
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**Required Ancillary Courses**

CE 211	Strength of Materials I	2
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CE 212	Strength of Materials Laboratory	1
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EE 211	Basic Electrical Engineering I	3
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ME 211	Engineering Drawing	2
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ME 261	Thermodynamics & Heat Engines	2
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MTH 207	Advanced Mathematics IV	2
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**General Studies Courses**

GSP 207	Humanities 1	2
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18
**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ABE 252	Computer Application to Engineering	3
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ABE 254	The Internet and Information Technology	2
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**Required Ancillary Courses**

CE 221	Fluid Mechanics I	2
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CE 222	Fluid Mechanics Laboratory	1
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EE 251	Basic Electrical Engineering Laboratory/Practice	1
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ME 212	Workshop Technology	2
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MTH 206	Advanced Mathematics VII	2
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MTH 208	Advanced Mathematics VIII	2
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**General Studies Courses**

GSP 202	Peace and Conflict Resolution II	2
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GSP 208	Humanities II	2
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19
**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ABE 301	Introduction to Technical Writing and Presentation	1
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ABE 321	Applied Hydraulics in ABE	2
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ABE 323	Applied Soil Mechanics in ABE	2
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ABE 331	Engineering Properties of Biomaterials	1
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ABE 341	Structures and their Environment	1
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**Required Ancillary Courses**

CE 341	Engineering Geology	2
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CE 351	Engineering Surveys I	3
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ME 341	Mechanics of Machines	2
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ME 391	Metallurgy	2
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STA 205	Statistics for Engineers	2
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SSC 211	Introduction to Soil Science	2
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CEDR 341	Introduction to Entrepreneurship Development and Research	2
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22
**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ABE 302	Basic Agricultural and Bioresources Engineering	1
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ABE 312	Mechanics of Soil-Machine Interaction	2
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ABE 314	Engineering Drawing and Design	1
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ABE 322	Water Quality, Epidemiology & Environmental Chemistry	2
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ABE 324	Climatology and Meteorology in ABE	1
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ABE 326	Environmental Hydrology	2
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ENG 301	Engineering Analysis	4
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**Required Ancillary Courses**

AGEC201	Basic Principles of Agricultural Economics	4
ANSC274	Principles of Animal Production	2
CSC 332	Introduction to Crop Science	2
		<hr/> 21

## SERVICE COURSE TO FACULTY OF AGRICULTURE

ABE 304	Introduction to Farm Machinery	2
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**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ABE 411	Agric. and Biores. Engineering Field Operations	1
ABE 413	Land Clearing and Development	2
ABE 415	Agric. and Biores. Power and Machinery	2
ABE 421	Hydraulic Structures	2
ABE 423	Principles of Irrigation & Drainage Engineering	2
ABE 431	Principles of Plant & Animal Products Handling, Processing and Storage	2
ABE 441	Environmental Impact Assessment in ABE	2
ABE 451	Decision Support and Data Acquisition Systems	2
ENG 401	Computational Methods	3

**Required Ancillary Courses**

AGEC301	Basic Farm Management & Production Economics	3
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ABE 462	Special Problems in Agric. & Biores. Engineering	3
ABE 464	Seminar	2
ENG 402	SIWES	10
		<hr/> 15

## SERVICE COURSE TO FACULTY OF AGRICULTURE

ABE 412	Agricultural Engineering Practical	2
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**Fifth Year: Three Options are Available****Option 1: Power Systems, Machinery & Forest Engineering****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ABE 511	Agricultural and Bioresources Mechanization	2
ABE 513	Power Sources for Agriculture and Forestry	2
ABE 515	Agricultural and Forest Machinery	2
ABE 517	Forest Engineering I	2
ABE 519	Safety, Ergonomics & Health Issues in ABE	1
ABE 521	Soil and Water Conservation	3
ABE 531	Processing of Agricultural and Bioresources Products	2
ABE 533	Storage of Agricultural and Bioresources Products	2
ABE 551	Precision Agriculture and Information Technology	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ABE 512	Principles of Agro-Industrial Management	2
ABE 514	Agric. & Biores. Power and Machinery Systems Mgt.	2
ABE 516	Design of Agricultural and Forest Machinery	2
ABE 518	Forest Engineering II	3
ABE 532	Biomaterials Handling & Transportation Equipment	3
ABE 572	Project	6
		<hr/> 18

**Option 2: Soil, Water Resources and Aquacultural Engineering****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ABE 511	Agricultural and Bioresources Mechanization	2
ABE 521	Soil and Water Conservation	3
ABE 523	Design of Irrigation Systems	3
ABE 525	Design of Drainage Systems	2
ABE 527	Aquacultural Engineering I	2
ABE 541	Design of Structures for Biomaterials Storage & Livestock Housing	3
ABE 543	Applied Biotechnology and Waste Management	3
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ABE 522	Design of Soil and Water Conservation Structures	3
ABE 524	Rural Water Supply and Sanitation	2
ABE 526	Aquacultural Engineering II	3
ABE 528	Watershed Management	2
ABE 542	Environmental Systems Management in ABE	2
ABE 572	Project	6

**Option 3: Food and Bioresources Engineering****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ABE 511	Agricultural and Bioresources Mechanization	2
ABE 515	Agricultural and Forest Machinery	2
ABE 521	Soil and Water Conservation	3
ABE 531	Processing of Agricultural and Bioresources Products	2
ABE 533	Storage of Agricultural and Bioresources Products	2
ABE 535	Solar Energy Application in Bioprocess Engineering	2
ABE 537	Food Engineering	2
ABE 539	Electrification and Alternative Energy Sources	3
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ABE 512	Principles of Agro-Industrial Management	2
ABE 516	Design of Agricultural and Forest Machinery	2
ABE 532	Biomaterials Handling & Transportation Equipment	3
ABE 534	Biomass Engineering	3
ABE 536	Packaging & Containerization Engineering	2
ABE 572	Project	6
		<hr/> 18

**Department of Civil Engineering****Staff**

J.O. Ademiluyi, B.Sc. (Ibadan), M.Sc., Ph.D. (Nigeria)	Professor
J.C. Agunwamba, B.Eng., M.Eng. Ph.D. (Nigeria)	Professor
F.O. Okafor, B.Sc., M.Sc (Denmark), Ph.D. (Nigeria), MNSE	Professor/Head
C.U. Nwoji, B.Eng., M.Eng., Ph.D. (Nigeria)	Senior Lecturer
J.C. Ezeokonkwo, B.Eng. (Enugu), M.Eng. (Nigeria)	Senior Lecturer
M.E. Onyia, B.Eng. (Nigeria), M.Eng. (Enugu ), Ph.D. (Nigeria)	Senior Lecturer
A.J. Anyaegbunam, B.Eng., M.Eng. (Nigeria)	Senior Lecturer
C.C. Nnaji, B.Eng., M.Eng., Ph.D. (Nigeria)	Senior Lecturer
B.O. Mama, B.Eng. (Enugu), M.Eng., Ph.D. (Nigeria)	Lecturer I
H.N. Onah, B.Eng. (Nigeria), M.Phil (France), Ph.D. (Paris)	Lecturer I
C.N. Mama, B.Eng., M.Eng., Ph.D. (Nigeria)	Lecturer I
O.A. Oguaghamba, B.Eng., M.Eng. (Nigeria), Ph.D. (Owerri)	Lecturer I
I.N. Obeta, B.Eng., M.Eng. (Nigeria)	Lecturer I
C.C. Ikeagwuani, B.Eng., M.Eng. (Nigeria)	Lecturer I
E.C. Igwenagu, B.Eng. (Enugu), M.Eng. (Nigeria)	Lecturer II
E.J. Nwankwo, B.Eng., M.Eng., (Nigeria)	Lecturer II

C.M. Attama, B.Eng., M.Eng. (Nigeria)	Lecturer II
A.C. Osuorah, B.Sc., M.Eng. (Buffalo, New York)	Lecturer II
O.G. Oyesanya, B.Eng., (Nigeria), M.Sc. (Ibadan)	Lecturer II
E.O. Ezema, B.Eng. (Enugu), M.Eng. (Nigeria)	Lecturer II
C.T. Okeke, B.Eng. (Enugu), M.Eng. (Nigeria)	Lecturer II
C.C. Okafor, B.Eng., M.Eng. (Nigeria)	Lecturer II
E.K. Ezugwu, B.Eng. (Nigeria)	Graduate Assistant
C.C. Akanno, B.Eng. (Nigeria)	Graduate Assistant
C. E. Ibeawuchi, B.Eng. (Nigeria)	Graduate Assistant
C.C. Nwoji, B.Eng. (Nigeria)	Technologist II
C.U. Aroh, B.Eng. (Anambra)	Technologist II
C.N. Osadebe, B.Eng. (Nigeria)	Technologist II
R.N. Ogbonna B.Eng. (Nigeria)	Technologist II
A.M. Amu, B.Eng. (Nigeria)	Technologist II
C.R. Ndukwu, B.Eng. (Enugu)	Technologist II
S. Ike, B.Eng. (Nigeria)	Technologist II
O.G. Patrick H.N.D. (Maiduguri)	Technologist II
C.K. Okonkwo, B.Eng. (Enugu)	Higher Technical Officer II
K.E. Dimelu, B.Eng. (Nigeria)	Technologist II
A.D. Ezeokoye, B.Eng. (Nigeria)	Technologist II
O.U. Kalu, HND (Enugu), PGD (Enugu)	Snr. Laboratory Supervisor
I.E. Ugwuanyi, B.Sc., PGDE, M.Ed. (Nigeria)	Snr. Laboratory Supervisor
O.R. Onah, NABTEB	Technical Assistant I
E.G. Amadi, B.Sc. (Enugu)	Assistant Executive Officer/ Ag. Secretary
C. W. Ozioko HND	Snr. Data Entry Operator/ Snr. Clerical Officer

### General Information

The Department started in 1961/62 with the undergraduate programme; while the post-graduate programme was added in 1980/81. Over these years, the pursuit of excellence in both the undergraduate and postgraduate programmes remains the main thrust and emphases of the Department. From inception up to 1979/80, the Department offered four- and five- year programmes leading to the bachelor's degree B.Sc. in Civil Engineering. By the decision of the Faculty Board of Engineering and with the popular support of the students the Bachelor of Science degree was changed to the Bachelor of Engineering B.Eng. degree in 1979/80 with the approval of the University Senate.

Over the years, necessary changes were made in the academic curriculum in order to make the programme more relevant to the needs of the society. Significant among such changes are the introduction of General Studies Courses; Computer Programming; Student Industrial Work Experience Scheme (SIWES); Entrepreneurship; Water Resources and Environmental Engineering etc. With the advent of the National Universities Commission (NUC) benchmarks for minimum credit load and course content for Nigerian Universities, the Department complied as required in the curriculum. The current programme of the Department lays more emphasis on Civil Engineering courses from the 300-Level.

### Philosophy

The philosophy behind this programme takes cognizance of the fact that for a developing country, the graduate engineer is likely to face all possible engineering problems, many outside his specialty, the programme is therefore broad based so as to give a Mechanical or Civil Engineer for example the basic principles and methods of Electrical and Mechanical Engineering. Thus, the emphasis in first two years of the programme is on common basics covering all departments of the Faculty of Engineering.

The programme ultimately provides would-be graduate Civil Engineers with basic knowledge in the fields of structures, hydraulics, soil mechanics and foundations, transportation, public health engineering and materials.

Postgraduate programmes are offered in six areas of specialization namely, Structural Engineering, Materials and Construction Management, Water Resources Engineering, Environmental Engineering, Highway Engineering, and Soil Mechanics and Foundation Engineering.

### Objectives

The objectives of this programme have been;



- (ii) To give undergraduate students firm academic foundation in the basic principles of Civil Engineering.
- (iii) To introduce them to recent developments in relevant areas of Civil Engineering, and
- (iv) To equip them to meet the challenges of professional engineering employment in Nigeria in particular and the world at large.

### Scope

The first two years of the programme are common to all students of engineering; courses in these first two years include, General Studies, Physical Sciences and Engineering Sciences.

In the last three years, the students concentrate on civil engineering courses. These are designed to produce students with graduated knowledge in the field of Structures, Water Resources, Geotechnics, Transportation, Materials and Construction. Each student opts in his final year to specialize in one of these Civil Engineering areas. He is required to submit a satisfactory thesis on an approved project, within his area of specialization, undertaken by him.

The course also emphasizes practical work. The student is also required to submit reports on practical laboratory work, workshop practice, and tutorial and design assignments. At the end of the second year, each student is required to undergo a minimum of six weeks practice work, approved by the Head of Department, during the long vacation. The fourth year programme is so arranged that the student also undertakes six months of industrial training before proceeding to the final year.

### Job Opportunities

Graduates of this programme have several employment opportunities in government establishments and private firms either as consulting or construction engineers. Some of the establishments include Ministry of Works (State and Federal); Federal Ministry of Environment; Ministry of Water Resources; River Basin Development Authorities; Oil Companies, Research Institutes, Institutions of Higher Learning etc.

### Stress Areas

General Engineering	0
Structural Analysis and Design, Strength of Material	
Water Resources, Environmental Engineering	1
Fluid Mechanics, Hydraulics and Hydrology	2
Civil Engineering Materials and Construction	3
Geotechnical and Foundation Engineering, Soil	
Mechanics and Engineering Geology	4
Transportation Engineering and Civil Engineering Survey	5
Project, Seminar	6

### First Year

#### First Semester

CODE	TITLE	UNITS
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#### Major Course

ENG 101	Introduction to Engineering	2
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#### Required Ancillary Courses

MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
CHM 101	Basic Principles of Chemistry I	2
CHM 171	Basic Practical of Chemistry	2
PPHY 101	Fundamentals of Physics I	3
PHY 192	Practical Physics II	2

#### General Studies Courses

GSP 101	Study Skills & Basic Research Methods	2
GSP 111	Use of Library & Study Skills	2
		21

### Second Semester

CODE	TITLE	UNITS
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#### Major Course

ENG 102	Applied Mechanics	3
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#### Required Ancillary Courses

MTH 112	Elementary Mathematics III	3
CHM 112	Basic Principles of Chemistry II	2

CHM 122	Basic Principles of Chemistry III	2
PHY 116	General Physics for Physical Science II	2
PHY 124	Fundamentals of Physics III	3
<b>General Studies Courses</b>		
GSP 102	Basic Grammar & Varieties of Writing	2
		17
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<b>Second Year (Four-Year Programme Starts Here)</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
CVE 211	Strength of Materials I	2
CVE 212	Strength of Materials Laboratory I	1
ENG 201	Material Science	2
ENG 202	Material Science Laboratory	1
<b>Required Ancillary Courses</b>		
MEC 211	Engineering Drawing	2
MEC 261	Thermodynamics and Heat Engines	2
EEE 211	Basic Electrical Engineering	3
MTH 207	Advanced Mathematics VII	2
<b>General Studies Courses</b>		
GSP 201	Basic Concepts and Theories of Peace and	2
GSP 207/101	Logic, Philosophy & Human Existence/Study Skills & Basic Research Methods	2
		19
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<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
CVE 221	Fluid Mechanics I	2
CVE 222	Fluid Mechanics Laboratory	1
<b>Required Ancillary Courses</b>		
MEC 212	Workshop Technology	2
ECE 271	Engineering Computer Programming	3
ECE 281	Engineering Computer Programming Laboratory	1
EEE 251	Basic Electrical Engineering Lab/Practice	1
MTH 206	Advanced Mathematics VI	2
MTH 208	Advanced Mathematics VIII	2
<b>General Studies Courses</b>		
GSP 202	Issues in Peace & Conflict Resolution Studies	2
GSP 208/102	Nigerian Peoples & Cultures/Basic Grammar & Varieties of Writing	2
		18
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<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
CVE 311	Strength of Materials II	3
CVE 321	Fluid Mechanics II	2
CVE 322	Water Resources and Environmental Engineering Laboratory	1
CVE 331	Civil Engineering Materials	3
CVE 351	Engineering Survey I	3
CVE 332	Materials Testing	2
CVE 341	Engineering Geology	2
CED 341	Introduction to Entrepreneurship	2
<b>Required Ancillary Courses</b>		
STA 205	Statistics for Physical Sciences and Engineering	2
		20
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<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Course</b>		
CVE 312	Theory of Structures I	3

CVE 323	Strength of Materials Laboratory I	2
CVD 323	Hydrology	2
CVE 352	Engineering Surveys Practice I	2
CVE 335	Civil Engineering Drawing	2
CVE 341	Soil Mechanics	3
ENG 301	Engineering Analysis	4
CED 342	Business Development & Management	2
		<hr/> 20

**Fourth Year*****First Semester***

CODE	TITLE	UNITS
<b><i>Major Course</i></b>		
ENG 401	Computational Methods	3
CVE 411	Theory of Structures II	2
CVE 412	Reinforced Concrete Design	2
CVE 413	Steel and Timber Design	3
CVE 414	Structural Design Studio I	1
CVE 442	Soil Mechanics Laboratory	1
CVE 451	Engineering Surveys II	3
CVE 452	Transportation Engineering I	3
		<hr/> 18

***Second Semester***

CODE	TITLE	UNITS
<b><i>Major Course</i></b>		
CVE 421	Hydraulics	2
CVE 431	Civil Engineering Practice I	3
CVE 441	Foundation Engineering I	2
CVE 453	Engineering Surveys Practice II	1
ENG 402	SIWES	10
		<hr/> 18

**Fifth Year*****First Semester***

CODE	TITLE	UNITS
<b><i>Major Course</i></b>		
CVE 511	Structural Analysis I	4
CVE 512	Structural Design	4
CVE 513	Structural Design Studio	1
CVE 521	Water Resources and Environmental Engineering I	4
CVE 541	Foundation Engineering II	4
CVE 542	Foundation Design Studio	1
		<hr/> 18

***Second Semester***

CODE	TITLE	UNITS
<b><i>Major Course</i></b>		
CVE 531	Civil Engineering Practice II	4
CVE 551	Transportation Engineering II	4
CVE 561	Project	6
<b><i>Electives Courses: Choose four Units</i></b>		
CVE 514	Structural Analysis II	4
CVE 522	Water Resources and Environmental Engineering II	4
CVE 532	Properties and Behaviour of Concrete	4
CVE 543	Geotechnical Engineering	4
CVE 553	Transportation Engineering III	4
CVE 533	Building Engineering	4
		<hr/> 18

**Department of Electrical Engineering*****Staff***

E.S. Obe, B.Eng., M.Eng. Ph.D. (Nigeria)	Professor/Head
T.C. Madueme, B.Eng. (Nigeria), M.Eng. (Sweden), Ph.D. (Nigeria)	Professor

L.U. Anih, B.Eng. (Uli), M.Sc.(Ile-Ife), Ph.D. (Nigeria)	Professor
E.C Ejiogu, B.Eng., M.Eng. (Nigeria), Ph.D. (Japan)	Professor
A.O. Ekwue, B.Sc. (Nigeria), MBA. Ph.D. (London)	Visiting Professor
B.O. Anyaka, M.Eng. (Poland), Ph.D. (Nigeria)	Senior Lecturer
C.M. Nwosu, B.Eng., M.Eng. Ph.D. (Nigeria)	Senior Lecturer
D.B.N. Nnadi, B.Sc., M.Eng. (Enugu), Ph.D. (Nigeria)	Senior Lecturer
C.I. Odeh, B.Eng., M.Eng. Ph.D. (Nigeria)	Senior Lecturer
C.U. Ogbuka, B.Eng., M.Eng., Ph.D. (Nigeria)	Senior Lecturer
S.E. Oti, B.Eng., M.Eng., Ph.D. (Nigeria)	Lecturer I
M.J. Chem-Mbunwe, B.Eng., M.Eng. (Nigeria)	Lecturer I
U.C.Ogbuefi, B.Eng. (Port Harcourt), M.Eng.(River), Ph.D. (Nigeria)	Lecturer I
B.U. Akuru, B.Eng., M.Eng. (Nigeria), Ph.D. (South Africa)	Lecturer II
C.V. Madueme, B.Eng., M.Eng. (Nigeria)	Lecturer II
I.S. Okoro, B.Eng. (Nigeria), M.Eng. (Manchester)	Lecturer II
N.G. Ajah, B.Eng.M.Eng. (Nigeria)	Lecturer II
C.U. Eya, B.Eng.M.Eng. Ph.D. (Nigeria)	Lecturer II
C.C. Okoli, B.Eng. (Okija), M.Eng. (Port Harcourt)	Lecturer II
H.C. Idoko, B.Eng.M.Eng. (Nigeria)	Lecturer II
J.U. Ugwuanyi, B.Eng. (Nigeria), M.Eng. (UK)	Graduate Assistant
C.J. Nnonyelu, B.Eng. (Nigeria),	Graduate Assistant
G.C. Okwuibe, B.Eng. (Nigeria),	Graduate Assistant
U.C. Nwaneto, B.Eng. (Nigeria), M.Sc. (UK)	Graduate Assistant
A.R. Salihu, B.Eng. (Minna), M.Eng. (Benin)	Graduate Assistant
B.U. Nnanna, B.Ed. (Nigeria)	Princ. Executive Officer I
E.N. Nosike, HND	Chief Technologist
O.O. Ogbonnia, HND	Senior Technologist
C.O. Chidume, B.Tech. (Awka), M.Eng. (Nigeria)	Senior Technologist
C.A. Abula, B.Sc. (Nigeria)	Chief Laboratory Supervisor
J.C. Okafor, B.Eng. (Enugu)	Chief Workshop Supervisor
C.C. Omeje, B.Eng. (Enugu)	Technologist I
K.C. Akabueze, B.Eng. (Enugu)	Technologist II
B.I. Onah, HND	Technologist II
M.I. Ozioko, B.Eng. (Nigeria)	Technologist II
T. C. Obe, B.Eng. (Nigeria)	Technologist II
K.C. Eze, B.Eng. (Nigeria)	Technologist II
C.C. Nwankwo, B.Eng. (Nigeria)	Technologist II
C. Onichibe, B.Eng. (Enugu)	Technologist II
O.G. Okoye, B.Eng. (Awka)	Technologist II
V.N. Amu, HND	Technologist II
C.U. Asogwa, B.Eng. (Enugu)	Technologist II
O.C. Ugbe, B.Eng. (Uli)	Higher Technical Instructor
C.C. Obiadi, B.Eng. (Awka)	Higher Technical Officer II
L.U. Omeje, B.Eng. (Nigeria)	Higher Technical Officer II
C.E. Amadi, HND	Higher Technical Officer II

### General Information

#### Aims, Objectives and Philosophy

The five/four year Bachelor of Engineering (B.Eng.) programme offered by this Department of Electrical Engineering is designed to produce first degree Electrical Engineering graduates armed with adequate theoretical knowledge and practical experience for successful and fruitful career in the Electrical Engineering profession. To achieve this, the programme is designed as follows: for each semester, in the two-semester academic year of 15 weeks per semester, a student on the programme nominally carries 18 credit units of academic load of entirely theoretical courses on one hand and entirely laboratory courses on the other. At the end of the programme, the students would have been basically equipped to perform the following functions in the course of their individual professional practices.

- Design, realize and construct electrical engineering components, equipment and systems.
- To develop technical competence in the operation, installation and maintenance of electrical devices.
- Conduct further studies and/or research in the development of improved electrical devices and systems in accordance with national and global standards.

- (b) Grow through industrial practice in the advancement of electrical engineering knowledge by fostering collaboration with key institutions/academics in developed countries in knowledge transfer in the broad area of electrical engineering.

The program includes both practical and theoretical courses. The students' Practical Work Experience includes the second-year activity of extensive operation and use of the Faculty of Engineering machines and tools (to realize and/or design prototypes) as well as two long vacations and one semester of Industrial Work Experience in the third and fourth years of the programme. The workshop practice in the Faculty of Engineering workshops prepares the students for the Industrial Work Experience (in skill acquisition in actual industrial practices).

The first and second years of the programme is also designed to make the students deepen and strengthen their basic knowledge in Mathematics, Physics, Chemistry, Social Science, Electrical Engineering, Mechanical Engineering, Civil Engineering and Computer Programming. The broad based knowledge in the above named disciplines enhances the practice of Electrical Engineering in relation to these other disciplines.

In the third, fourth, and fifth years of the programme, the students are made to spend most of their study time on the major areas of Electrical Engineering while at the same time offering them advanced courses in Mathematical, computational and programming methods which constitute a vital and an indispensable tool in efficient and productive engineering practice. These major areas comprise Electrical Machines, Power Systems, Power Electronics, Control Engineering, Electromagnetic Fields – all coupled with well-designed supplementary courses in Instrumentation, Computers, Communications, and Electronics. The final year (5<sup>th</sup> year) study programme also includes a final year project to further deepen the students' research capabilities and selectable electives to further deepen the students' knowledge in the above named specialist areas in Electrical Engineering. For the final year project, each student has to submit a project report and may be orally examined on the report. Effort is made to have optimum time sharing in the different modes of teaching the courses. In the theoretical courses, there is one hour of tutorial for every four hours of lecture. To reflect the importance of practical exercises in the programme, 9 hours per week is averagely devoted to practical exercises out of a total of 24 contact hours per week for lectures, tutorials and practical work. The grading system is designed such that a student's final percentage grade in a given course is shared between continuous assessment and end-of-semester final examination. For entirely theoretical courses, continuous assessment (Quizzes, Tutorials, Homework, Tests) constitute 30% of the final percentage grade while the final examination makes up the remaining 70%. For entirely laboratory exercises and report constitute 100% of the final grade.

### **Entry Requirements**

(4 years for Direct Entry, 5 years for UME candidates)

#### **UME Entry Requirements**

Since the university minimum entry requirement is five credits (Including English, and Mathematics) in maximum of two sittings in any combination of the O-level examinations, the minimum requirements for each applicant for admission through UME into the Department of Electrical Engineering is passes at credit level in Senior Secondary School Certificate or West African School Certificate Examination or General Certificate of Education Examinations or National Examination Commission (NECO) O-Level in five subjects including Mathematics, Physics, Chemistry and English Language.

#### **Direct Entry Requirements**

The minimum requirement is either of the following

- (a) Passes at HSC or GCE A/L in at least two of the following:  
Pure Mathematics, Applied Mathematics, Pure and Applied Mathematics, Physics and Chemistry. The Candidate is also required to have five credit level passes which must include Mathematics, Physics and Chemistry in Senior Secondary School Certificate Examination, GCE "O" Level, West African School Certificate Examinations or their equivalent.
- (b) Pass at Upper Credit Level in HND Examinations in Electrical Engineering
- (c) First degree holders in relevant subjects (e.g. Civil Engineering, Mechanical Engineering, Agricultural Engineering, Mathematics, Physics, Computer Sciences etc.).

### **Job Opportunities**

The Electrical Engineer has wide expanse of job opportunities. Electric power generation and distribution by Electricity Utility Companies/Corporations, electric component/equipment manufacturing by national and multinational companies, electric gadget/equipment operation and maintenance in industrial and public organizations and industrial process control and supervision are examples of the numerous job opportunities available to the Electrical Engineer. Also, consultancy services are equally inclusive.

**Stress Areas**

General	0
Circuits/Components	1
Power Electronics & Renewable Energy	2
Electric Power	3
Communication	4
Laboratory Exercises	5
Electric Machines	6
Control, Instrumentation & Computers	7
Electromagnetic Fields/waves	8
Projects	9

**B. Eng. Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ENGR 101	Introduction to Engineering	2
<b>Ancillary Courses</b>		
MTH 111	Elementary Mathematics I	3
MTH 112	Elementary Mathematics II	3
PHY 107	Fundamentals of Physics I	3
PHY 192	Practical Physics II	2
CHM 101	Basic Principles of Chemistry	2
CHM 171	Basic Practical Chemistry	2
<b>General Studies Courses</b>		
GSP 101	Communication in English I	2
GSP 111	The use of Library and Study Skills	2
		21

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ENGR 102	Applied Mechanics	3
<b>Ancillary Courses</b>		
MTH 122	Elementary Mathematics III	3
PHY 105	General Physics for Physical Sciences II	2
PHY 109	Fundamentals of Physics III	3
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
<b>General Studies Courses</b>		
GSP 102	Communication in English II	2
		17

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EEE 201	Basic Electrical Engineering I	3
<b>Ancillary Courses</b>		
CVE 211	Strength of Materials	2
CVE 212	Strength of Materials Laboratory	1
ENGR 201	Materials Science	2
ENGR 202	Materials Science Laboratory	1
MEC 211	Engineering Drawing	2
MEC 261	Thermodynamics I	2
MTH 207	Advanced Mathematics VII	2
<b>General Studies Courses</b>		
*GSP 101	Communication in English I	2
*GSP 111	The use of Library and Study Skills	2
GSP 201	Basic Concept and Theory of Peace	2

GSP 207	Logic, Philosophy and Human Existence	2
		19
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EEE 242	Basic Electrical Engineering Laboratory Practice	1
<b>Ancillary Courses</b>		
ECE 271	Engineering Computer Programming	3
ECE 281	Engineering Computer Programming Laboratory	1
CVE 221	Fluid Mechanics I	2
CVE 222	Fluid Mechanics Laboratory	1
MEC 212	Workshop Technology I	2
MTH 206	Advanced Mathematics VI	2
MTH 208	Advanced Mathematics VIII	2
<b>General Studies Courses</b>		
*GSP 102	Communication in English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
GSP 208	Nigerian People and Culture	2
		18
*For Direct Entry Students, Only		
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EEE 312	Circuit Theory I	3
EEE 351	Electrical Machines Laboratory	1
EEE 361	Electrical Machines I	3
EEE 371	Measurement and Instrumentation	3
EEE 381	Electromagnetic Fields and Waves	3
<b>Ancillary Courses</b>		
ECE 321	Physical Electronics	3
ECE 381	Physical Electronics Laboratory	1
STA 205	Statistics for Physical Sciences and Engineering I	2
		19
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EEE 313	Circuit Theory II	3
EEE 331	Electric Power Systems Principles	3
EEE 352	Electric Power Systems Laboratory	1
EEE 353	Measurement and Instrumentation Laboratory	1
EEE 382	Electromagnetic Fields and Waves II	2
ENGR 301	Engineering Analysis	4
<b>Ancillary Courses</b>		
ECE 322	Applied Electronics I	2
ECE 382	Applied Electronics Laboratory I	1
		17
<b>Service Course for Mechanical Engineering</b>		
EEE 311	Electrical Engineering II	3
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EEE 441	Communication Principles	3
EEE 461	Electrical Machines II	2
EEE 472	Control Systems Engineering I	3
EEE 473	Control Logic Circuit Design	2
EEE 451	Communications and Field Laboratory	1
EEE 453	Control System Laboratory	1

ENGR 401	Computational Methods	3
<b>Ancillary Courses</b>		
ECE 421	Applied Electronics II	2
ECE 471	Digital Electronics	2
ECE 482	Applied Electronics and Digital Logic Laboratory	1
		<hr/> 20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EEE 491	Seminars and Industrial Visits	2
EEE 492	Mini Project	3
ENGR 402	Industrial Work Experience Scheme	10
		<hr/> 15
<b>Fifth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EEE 511	Reliability and Maintainability of Electric Components and Systems	2
EEE 521	Power Semiconductor Devices and Circuits	3
EEE 531	Electric Power System Analysis, Planning Protection	3
EEE 532	Electric Services Design	2
EEE 581	Electric and Magnetic Field Theory	2
<b>Ancillary Courses</b>		
ECE 521	Advanced Circuit Techniques	2
<i>Electives</i> (Two courses are to be chosen from of the following)		
EEE 534	Power System Optimization	2
EEE 535	Power System Distribution	2
EEE 571	Computer Organization	2
		<hr/> 18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EEE 533	Switchgear and High Voltage Engineering	2
EEE 541	Power Systems Communication and Control	2
EEE 561	Electrical Machines Design	2
EEE 572	Control Systems Engineering II	3
EEE 573	Computer Software and Applications	2
EEE 591	Project	4
<i>Electives</i> (Choose any two of the following)		
EEE 562	Electric Motor Drives	2
EEE 574	Discrete Control Systems	2
EEE 575	Introduction to Optimal Control	2
		<hr/> 21

\* Not for JME Candidates

\*\* Not for DE candidates

## Department of Electronic Engineering

### Staff

O.U. Oparaku, B.Eng. (Nigeria), Ph.D. (Newcastle)	Professor
C.I. Ani, Dip. (Zaria), M.Sc. (USSR), M.Phil. (Sussex), Ph.D. (Swansea)	Professor
M.A. Ahaneku, B.Eng., M.Sc. (Owerri), Ph.D. (Nigeria)	Senior Lecturer/Ag. Head
N. David, B.Eng., PGD (Enugu), M.Eng. (Nigeria)	Senior Lecturer
O.N. Iloanusi, B.Eng., M.Eng., Ph.D. (Nigeria)	Senior Lecturer
U. A. Nnolim, B.EE(MN, USA), M.Sc., Ph.D. (Kent, UK)	Senior Lecturer
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V. C. Chijindu, B.Eng., M.Eng. (Enugu), Ph.D. (Awka)	Lecturer I
S. O. Edeagu, B.Eng. (Nigeria), M.Sc. (Munich)	Lecturer I
I. O. Okeke, B.Eng., M.Eng. (Nigeria), M.Sc. (Delft)	Lecturer I
M. O. Ezeja, B.Eng., M.Eng. (Nigeria)	Lecturer I



C. C. Udeze, B.Eng., M.Eng., Ph.D. (Awka)	Lecturer I
D. Oyeka, B.Eng. (Awka), M.Sc., Ph.D. (Kent, UK)	Lecturer I
E. Anoliefo (Rev. Fr), B.Phil. (Rome), B.Eng., M.Eng.(Nigeria)	Lecturer I
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N. C. Asiegbu, B.Eng., M.Eng. (Nigeria)	Lecturer II
F. C. Udechukwu, B.Eng., M.Eng. (Enugu)	Lecturer II
T. I. Ozue, B.Eng., M.Eng. (Awka)	Lecturer II
A. V. Animalu B.Eng., M.Sc. (Nigeria)	Lecturer II
C. C. Agbo, B.Eng. (Nigeria), M.Sc. (France)	Assistant Lecturer
M.O. Ezeme, B.Eng. (Nigeria), M.Eng. (Toronto)	Graduate Assistant
R. N. Ali, B.Eng. (Nigeria), M.Sc. (USA)	Graduate Assistant
K. J. Madukwe, B.Eng., M.Eng. (Nigeria)	Graduate Assistant
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P. A. Nwakamma, B.Eng. (Nigeria)	Graduate Assistant
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H. C. Ali, B.Eng. (Nigeria)	Graduate Assistant
U. C. Amazue, B.Eng. (Nigeria)	Graduate Assistant
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K. Ikeagu, B.Eng. (Nigeria)	Graduate Assistant
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C. G. Nwobi, B.Eng. (Nigeria)	Graduate Assistant
M.I. Ndefo, B.Eng. (Nigeria)	Graduate Assistant
S. I. Uwakwe, M.Ed. (Owerri), Ph.D. (Nigeria)	Chief Technologist
P. C. Ngwu, B.Eng. (Enugu), BOE(Nigeria)	Assistant Chief Technologist
C. Ugwuja, B.Eng. (Nigeria)	Principal Technologist
A. Abuwa, B.Eng. (Enugu)	Senior Technologist
E.S. Okoli, B.Eng. (Awka), M.Eng. (Nigeria)	Senior System Analyst
M. C. Odo, B.Eng. (Nigeria)	Senior Technologist
H. O. Eze, B.Eng. (Nigeria), M.Eng. (Kigali, Rwanda)	Technologist I
I. Obatta, PGD(Lagos)	Technologist I
A. J. Nnam, B.Eng. (Awka), M.Sc. (Enugu)	Higher Technical Officer II
A. I. Agusiobo, HND(Enugu)	Higher Technical Officer II
S. C. Agbaladozie, B.Eng. (Nigeria)	Higher Technologist II
C. Asogwa, B.Eng. (Nigeria)	Technologist II
N. Ezukwoke B.Eng., M.Eng. (Nigeria)	Technologist II
S. L. J. Igwenagu, B.Eng. (Umudike)	Technologist II
J. N. Onuoha, B.Eng. (Nigeria)	Technologist II
C. M. Chukwudozie, B.Eng. (Nigeria)	Technologist II
A. C. Ohama, B.Eng. (Nigeria)	Technologist II
I. O. Ezema, HND(Enugu)	Technologist II
A. O. Akpan, B.Eng. (Calabar)	Technologist II
I. J. Ogbodo, B.Eng. (Enugu)	Technologist II
N. Chidebelu, B.Eng., M.Eng. (Nigeria)	Technologist II
C. O. Enete, B.Eng. (Nigeria)	Technologist II
S. B. U. Nnamani, B.Eng. (Enugu)	Technologist II
E. E. Samuel, B.Eng. (Nigeria)	Technologist II

C. I. Nweze, B.Eng. (Nigeria)	Technologist II
N. V. Mamah, B.Eng. (Nigeria)	Technologist II
U. Obineche, B.Eng. (Nigeria)	Technologist II
V. Diyoke, B.Eng. (Awka)	Technologist II
M. O. Ezea, B.Eng. (Nigeria)	Technologist II
D. I. Ozioko, B.Ed(Nigeria)	Assistant Chief Conf. Secretary
M. A. Efiog, B.Ed(Nigeria)	Higher Executive Officer

#### General Information

The Department of Electronic Engineering was founded in 1981 from the parent Department of Electrical/Electronic Engineering, one of the pioneer departments in the Faculty of Engineering, University of Nigeria, Nsukka. The Department was founded on the national intention to be part of the digital revolution and the University goal to be at the frontiers of knowledge and development in Electronic Engineering.

In the pursuit of these national and institutional goals, the Department has recorded many significant milestones. These include, among other things: the Department has never lost any academic or professional accreditation by the National Universities Commission (NUC) and the Council for Registration of Engineers in Nigeria (COREN), respectively. It is noteworthy to state that the Department came first among the five departments of the Faculty in the accreditation exercises by the both national bodies (NUC and COREN) in 2006. Since its inception (1981), the Department has produced the highest number of first class graduates than any other department in the University. These performances have earned the Department two national designations (honours) as a Centre of Excellence in Electronics and in Information and Communication Technology (ICT) in 1986 and 2001, respectively.

The Department's vigorous strive for academic and professional excellence for both its students and staff, has culminated into a number of teaching and research collaborations with other national and international institutions. At the national level, the Department runs Postgraduate Diploma and Masters (PGD, M.Eng., M.Sc) programmes in Telecommunications Engineering and ICT in collaboration with the Digital Bridge Institute (DBI), Abuja. DBI is an International Centre for Professional Training in Telecommunications and ICT, established in 2004 by the National Communications Commission (NCC).

The international linkage of the Department includes teaching, research and exchange collaborations with the Delft University of Technology (TU Delft) in the Netherlands. The University of Nigeria, Nsukka signed an MOU with Delft University of Technology on behalf of the Department of Electronic Engineering and other departments (Physics, Computer Science, Electrical Engineering) of the University to establish a Centre of Excellence in Microsystems and Nanoelectronics at UNN.

#### Philosophy

The Department is designed to develop and execute a world-class electronic engineering programme intended to provide sound theoretical and practical training for students in the areas of communication, control, measurement, instrumentation, digital electronics and computer. This intention was born out of the national drive to be part of the digital revolution and the information society, as well as an institutional strive to be at the cutting edge of global developmental trends in Information and Communication Technology (ICT).

#### Objectives

The main objective of the five/four/three-year Bachelor of Engineering (B.Eng.) programme offered by the Department of Electronic Engineering is to produce first degree Electronic Engineering graduates armed with adequate theoretical knowledge and practical experience for successful and fruitful career in the Electronic Engineering profession. At the end of the programme, the student would have been basically equipped to perform the following functions in the course of their individual professional practices:

- (a) Design, develop and install electronic systems;
- (b) Operate and maintain electronic systems.
- (c) Grow through industrial practice,
- (d) Further studies and research in the development of improved electrical devices and systems and in the advancement of Electronic Engineering knowledge.

#### Scope

In line with the modern trends in curriculum development all over the globe as well as the Nigerian Universities Commission regulations for engineering study in the country, students of Electronic

Engineering are expected to graduate in five years (academic sessions) for UME students, four years for Direct Entry students and three years for students with B.Eng. in related areas.

In the first two years of study, different courses from all facets of learning in different departments/faculties are taught. These courses provide an overview of the broad field of Engineering. In the third year, students are exposed to both Electrical and Electronics courses with different laboratory experiments. The fourth year is a year of pure electronic courses with more laboratory courses, technical writing and seminar presentation and 6-month Industrial Training (IT) organized by the Student Industrial Works Experience Scheme (SIWES) in relevant industries.

In the final year, students in addition to taking other final year courses must undertake and complete a bachelor of engineering final year project selected from any area of electronic engineering and with a significant practical content. The project report and design is evaluated on the basis of the continuous assessment of individual performance throughout the year and an oral examination.

## B

### UME Entry Requirements

Candidates for admission to the Department must first satisfy the University entry requirements. The University requires that departmental requirements be obtained in not more than two sittings. The Departmental minimum requirement is passes at levels not lower than credit in Senior Secondary School Examination or its equivalent in five subjects including Mathematics, Physics, Chemistry and English Language.

### Direct Entry Requirements

The minimum requirements are either of the following:

- Passes at HSC or GCE A/L in at least two of the following subjects: Pure Mathematics, Applied Mathematics, Pure and Applied Mathematics, Physics and Chemistry. The candidates are also required to have credit level passes which must include Mathematics, Physics and Chemistry in Senior Secondary School Examination or its equivalent.
- Pass at Upper Credit level in HND examinations in Electronic Engineering or Electrical/Electronic Engineering.
- First degree holders in other relevant professions.

### Waivers or special consideration

Holders of HND in Electronic Engineering or Electrical/Electronic Engineering with at least upper credit level pass and first degree holders in relevant professions may be admitted into the third year programme.

### Job Opportunities

It is imperative to note that the technological advancement of any country lies in the hands of its Engineers. The need for Electronic Engineers in the society today cannot be over-emphasized. This is because Electronic Engineering permeates almost every aspect of life and industry. Our graduates are properly equipped to take on challenging jobs such as design, development and production of hardware and software for industries such as Telecommunications, ICT Companies, Computer Networking Firms, Software Companies, Oil Companies etc. There are also numerous job opportunities in Banks, Research Institutes and Academic Institutes.

### Stress Areas

Foundational Courses	0
Circuits and Systems	1
Physical and Applied Electronics	2
Electromagnetism	3
Communication	4
Control	5
Measurement & Instrumentation	6
Digital and Computer Systems	7
Laboratories	8
Projects, Seminars and Technical writing	9

### B. ENG Five-Year Standard Programme

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
ENGR 101	Introduction to Engineering	2

MTH 111	Elementary Mathematics I	3
MTH121	Elementary Mathematics III	3
CHM 101	Basic Principles of Chemistry I	2
CHM 171	Basic Practical Chemistry	2
PHY 121	Fundamentals of Physics I	3
PHY 192	Practical Physics	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 111	The Use of Library	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
ENGR 102	Applied Mechanics	3
MTH 112	Elementary Mathematics II	3
CHM 112	Basic Principles of Chemistry II	2
CHM 122	Basic Principles of Chemistry III	2
PHY 116	Gen. Physics for Physical Sciences II	2
PHY 124	Fundamentals of Physics III	3
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
		<hr/> 17

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
ENGR 201	Materials Science I	2
ENGR 203	Materials Science Laboratory	1
CVE 211	Strength of Materials	2
CVE 213	Strength of Materials laboratory	1
EEE 211	Basic Electrical Engineering	3
MEC 211	Engineering Drawing I	2
MEC 261	Engineering Thermodynamics I	2
MTH 206	Advanced Mathematics VI	2
<b>General Studies Courses</b>		
GSP 207/101 <sup>1</sup>	Humanities I/The Use of English I	2
		<hr/> 19

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ECE 272	Engineering Computer Programming	3
ECE 282	Engineering Computer Programming Laboratory	1
<b>Required Ancillary Courses</b>		
CVE 222	Fluid Mechanics I	2
CVE 224	Fluid Mechanics Laboratory	1
MEC 212	Workshop Technology I	2
EEE 252	Basic Electrical Engineering Laboratory/Practice	1
MTH 208	Advanced Mathematics VIII	2
MTH 207	Advanced Mathematics VII	2
<b>General Studies Courses</b>		
GSP 208/102 <sup>1</sup>	Humanities II/The Use of English II	2
GSP 202	Issues in Peace & Conflict Resolution Studies	2
		<hr/> 18

<sup>1</sup>direct entry candidates only**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		

ECE 311	Circuit Theory I	3
ECE 321	Physical Electronics	3
ECE 331	Electromagnetic Fields & Waves I	3
ECE 361	Measurements and Instrumentation	2
ECE 381	Physical Electronics Laboratory	1
<b>Required Ancillary Courses</b>		
EEE 351	Electrical Machines Laboratory	1
EEE 361	Electrical Machines I	3
STA 203	Statistics For Physical Sciences and Engineering	2
CED 341	Introduction to Entrepreneurship	2
		<hr/> 20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ECE 312	Circuit Theory II	3
ECE 322	Applied Electronics I	2
ECE 332	Electromagnetic Fields & Waves II	3
ECE 382	Applied Electronics Laboratory	1
ECE 384	Measurements and Instrumentation Laboratory	1
<b>Required Ancillary Courses</b>		
EEE 332	Electrical Power Systems Principles	3
EEE 352	Electrical Power Systems Laboratory	1
ENGR 302	Engineering Analysis	4
CED 342	Entrepreneurship	2
		<hr/> 20
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ECE 421	Applied Electronics II	3
ECE 441	Communication Principles	3
ECE 451	Control Theory	2
ECE 471	Digital Electronics	2
ECE 472	Digital Logic Theory	2
ECE 481	Communication & Fields Laboratory	1
ECE 482	Applied Electronics and Digital Logic Laboratory	1
ECE 483	Control Laboratory	1
<b>Required Ancillary Courses</b>		
EGR 401	Computational Methods	3
		<hr/> 18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ECE 461	Electronic Instrumentation	2
ECE 473	Digital Logic Theory II	2
ECE 491	Technical Writing and Seminars	1
ENGR 402	Students Industrial Work Experience Scheme (SIWES)	10
		<hr/> 15
<b>Fifth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ECE 511	Digital Systems design	3
ECE 521	Solid State Electronics	2
ECE 541	Communication Systems	3
ECE 551	Control Engineering	3
ECE 571	Microprocessing Systems	3
ECE 573	Software Engineering	2
		<hr/> 19

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ECE 512	System Engineering	2
ECE 524	Industrial Electronics Design	3
ECE 542	Telecommunication Engineering	2
ECE 574	Digital Signal Processing	2
ECE ***	(Two Elective Courses)	6
ECE 592	Project	4
		<hr/> 19

**Electives: Two courses from any area of specialization may be chosen:**

**Communications Electives**

ECE 540	Introduction to Radar and Navigation Systems	3
ECE 544	Microwave Communication System Design	3
ECE 546	Communications Networks	3
ECE 548	Television and Radio	3
ECE 540	Electroacoustics	3

**Control Electives**

ECE 552	Advance Control Engineering	3
ECE 554	Process Control	3
ECE 556	Linear Systems Theory	3

**Digital and Computer Systems Electives**

ECE 572	Computer Systems Design	3
ECE 576	Microprocessor System Design	3
ECE 578	Artificial Intelligence And Robotics	3
ECE 570	Database Management Systems	3

**Electronics Electives**

ECE 526	Optical Engineering	3
ECE 528	Medical Electronics	3

**Instrumentation Electives**

ECE 562	Automation	3
---------	------------	---

**Department of Mechanical Engineering****Staff**

V.O. Ekechukwu, B.Eng., (Ibadan) Ph.D. (Cranfield)	Professor
S.O. Enibe, B.Eng. (Nigeria), M.Sc. (Reading- England ), Ph.D. (Nigeria)	Professor
S.O. Edelugo, B.Eng. (Asutech), M.Eng. (Enugu), Ph.D. (Nigeria),	Professor
G.O. Unachukwu, B.Sc. (Nigeria), M.Eng. (Port-Harcourt), Ph.D. (Nigeria),	Professor
E.T. Akinlabi	Visiting Professor
T.I. Onyeche	Visiting Professor
E.C. Okoroigwe, B.Eng., (Owerri), M.Eng., Ph.D. (Nigeria)	Senior Lecturer/Ag. Head
S.A. Ugwu, B.Eng. (Nigeria), M.Eng. (Zaria)	Senior Lecturer
S.C. Nwanya, B.Eng. (Owerri), M.Eng. (Nigeria), Ph.D. (Udine, Italy)	Senior Lecturer
C.A. Mgbemene, B.Eng., M.Eng., Ph.D. (Nigeria)	Senior Lecturer
H.O. Njoku, B.Eng., M.Eng., Ph.D. (Nigeria)	Senior Lecturer
M.N. Eke, B.Eng. (Owerri), M.Eng., Ph.D. (Nigeria) MNSE	Lecturer I
C.O.A. Agbo, B.Eng., M.Eng., Ph.D. (Nigeria)	Lecturer I
P.A. Ozor, B.Eng. ( Enugu), M.Eng., Ph.D. (Nigeria)	Lecturer I
C.G. Ozoegwu, B.Eng. (Nigeria),M.Eng.; Ph.D. (Awka)	Lecturer I
P.U. Akpan, B.Eng., M.Eng. (Nigeria)	Lecturer I
O.A.G. Egonu, B.Eng., M.Eng. (Nigeria)	Lecturer II
D. I. Egeonu, B.Eng., M.Eng. (Nigeria)	Lecturer II
P.N. Okolo, B.Eng., M.Eng. (Nigeria)	Lecturer II
T.O. Nwoguh, B.Eng., M.Eng. (Nigeria)	Lecturer II
N.H. Ononiwu, B.Eng. (Owerri), M.Sc. (UK)	Lecturer II
I.S.Umeh, B.Eng., M.Eng. (Asutech) MDes (Cranfield.U.K)	Lecturer II
N.A. Udosen, B.Eng. (IUO); M.Eng. (Owerri)	Lecturer II
A.I. Obi, B.Eng., M.Eng. (Nigeria)	Lecturer II

A. O. Okoani., B.Eng. (Owerri), M.Eng. (Awka)	Lecturer II
C. Wodi, B.Tech. (RSUST); M.Eng. (Port-harcourt)	Lecturer II
I.E. Ohiemi, B.Eng. (FUT Minna); M.Eng. (Minna)	Assistant Lecturer
P.A. Okonkwo, B.Eng. (Owerri), M.Sc. (Lagos)	Assistant Lecturer
I. E.Okoh; B.Eng. (Benin), M.Sc. (London)	Assistant Lecturer
U. Ezechi, B.Sc., MEME (USA)	Assistant Lecturer
E.C. Ezeani, B.Eng. (Nigeria)	Graduate Assistant
C. Oluah, B.Eng. (Nigeria)	Graduate Assistant
H.O. Onyishi, B.Eng. (Nigeria)	Graduate Assistant
A.C. Kalu-Uka, B.Eng. (Nigeria)	Graduate Assistant
I.O. Jacobs, B.Eng. (Nigeria)	Graduate Assistant
K.A. Itievwe, B.Eng. (Nigeria)	Graduate Assistant
M.K. Egbo, B.Eng. (Nigeria); M.Sc. (UK)	Graduate Assistant
C.O. Anyaoha, B.Eng. (Nigeria)	Graduate Assistant
O.I. Ibeagwu, B.Eng. (Nigeria)	Graduate Assistant
E.O. Nwachukwu, B.Eng. (Nigeria)	Graduate Assistant
T.V. Aka, B.Eng. (Nigeria)	Graduate Assistant
C.V. Ikwuagwu, B.Eng., M.Eng. (Nigeria)	Graduate Assistant
C.O. Ugwu, B.Eng. (Nigeria)	Graduate Assistant
J.U. Anuta, B.Eng. (Nigeria)	Graduate Assistant
S.U. Njoku, H.N.D (Nigeria)	Principal Executive Officer
U.C. Anyanwu, B.Sc. (Enugu)	Machine Room Supervisor /Executive Officer
K.O. Agbo, H.N.D. (Uwana); PGD, M.Sc. (Nigeria),	Principal Technologist I
V. Oguejiofor, HND, B.Eng., M.Sc. (Enugu)	Senior Technologist
A.C. Udala, B.Eng. (Owerri) H.N.D (Nekede)	Technologist I
D. Benjamin, Final Diploma HND (Akure), B.Eng. (Nigeria)	Technologist I
C. J. Enibe, B.Eng. (Nigeria)	Technologist II
N.C. Echezona, B.Eng. (Nigeria)	Technologist II
A.C. Igwe, B.Eng. (Nigeria)	Technologist II
I.A. Eze, B.Eng. (Nigeria)	Technologist II
I.I. Ibe, B.Eng. (Rivers State); HND	Technologist II
A. I. Chinedu, B.Eng. (Nigeria)	Technologist II
O.D Ogba, B.Eng. (Nigeria)	Technologist II
C. O. Kanu, B.Eng. (Nigeria)	Technologist II
C. L. Ajibo, B.Eng. (Nigeria)	Technologist II
E.C. Ezike, B.Eng. (Nigeria)	Technologist II
L.O. Onah, B.Eng. (Enugu)	Higher Technical Officer II
C.C. Okafor, B.Eng. (Nigeria);	Higher Technical Officer II
K.U. Orji, Advanced NABTEB	Technical Officer
G. Attah, O.N.D (NMTI) B.Sc. (Enugu)	Technical Officer
O.J. Kalu, Dip. (Nigeria)	Technical Officer
K.U. Onyeukwu, Dip. (Nigeria)	Technical Officer
F.D. Tapaan, Dip. (Nigeria)	Technical Assistant I
A.O. Ezemmah., Advanced NABTEB	Technical Assistant I
S.E. Nwachukwu, Advanced NABTEB	Technical Assistant I
D.N. Nzenwa, B.Ed (Nigeria)	Senior Cleaner/Messenger

#### General Information and Academic Programme Philosophy and Objectives

Mechanical Engineering includes the science and art of formulation, design, development, manufacturing and control of systems and components for the conversion of Energy and materials into useful mechanical work. These may include both power-generating machines and machines that transform and consume this power, such as nuclear and fossil power plants, propulsion devices, engines, turbines, motors, control mechanisms, transportation systems (automobiles, trains, space vehicles, marine vehicles, etc.), refrigeration and air-conditioning systems, cryogenic systems, manufacturing machines and systems, materials handling and earth-moving devices. The field requires a basic knowledge of mechanics of solids, fluids, and machines, materials, machine design, heat power, thermodynamics, heat transfer, manufacturing processes, industrial engineering, management science, optimization, and systems analysis.

In line with modern trends in curriculum development in Mechanical Engineering the world over, the programme includes basic subjects common to all engineering fields, fundamental subjects important to all mechanical engineers, and specialization in one or more areas of mechanical engineering. Apart from common courses of 12 credits options offered in the final year, final year students embrace 4 courses each of 4 credits, with a maximum of 16 credits per option. These include Heat/Thermal Engineering, Nuclear Engineering, Design and Manufacturing Engineering, Industrial Engineering and Management Science, Applied Mechanics and Biomechanics, and Aeronautical Engineering. For students wishing to major in Chemical Engineering, Metallurgy and Materials Engineering, options are available from third year of study. All final year students must complete independent B.Eng. final-year project report on a topic related to the selected option and a design project selected from any area of mechanical engineering. Evaluation of the project report and design project will be based on a method of continuous assessment of individual performance throughout the year and an oral examination.

### Admission Requirements

The Department offers a five-year programme for the Bachelor of Engineering B.Eng. degree in Mechanical Engineering. Candidates who have passed the West African School Certificate or General Certificate of Education (Ordinary Level) may be admitted into the five-year programme through an Entrance examination. In addition to the University entry requirements, candidates wishing to be admitted into the Department must fulfil the requirements listed below. Applicants for admission by entrance examination must have passed either:

- The West African Certificate Examination, with at least credit in English Language, Mathematics, Physics and Chemistry obtained in one or two sittings;
- Have obtained at least five papers in the General Certificate of Education (Ordinary Level) passed at not more than two sittings.
- The subjects must include the four listed in (i) above; or
- Have an SS certificate with at least 5 credits, which should include English Language, Mathematics, Physics and Chemistry.

Candidates for admission by direct entry must have passed:

- The Higher School Certificate (Principal Level) in pure Mathematics (or pure and Applied Mathematics), Physics and Chemistry, or
- The General Certificate of Education (Advanced Level) in the subjects listed in (i) above.

Candidates with recognized Higher Diploma will be considered for direct entry on their individual merit.

### Job Opportunities

The technological growth of any country depends to a large extent on the ingenuity of its high calibre technical manpower. For the well-trained and conscientious mechanical engineer, interesting and challenging job opportunities abound in Nigeria. This ranges from the design, development, production, operation, and maintenance of plant, machinery, and equipment to the management of technical systems of man and machines. Mechanical engineers are urgently needed in such industrial sectors as chemical, petrochemical and pharmaceutical industries; food processing and beverages; paper, pulp, and wood processing; textile industries, power generation, mining and metallurgy, public utilities, construction industries, hospitals and biomedical engineering; sanitary and sewage, defence and security, industrial standardization and water resources, manufacturing and metal processing, universities, polytechnics and research institutes.

### Stress Areas

General	0
Workshop/Drawing/Design/Laboratory	1
Project	2
Strength of Materials/Elasticity	3
Mechanics of machines/Vibrations/Controls	4
Mechanics of Fluids	5
Thermodynamics	6
Heat Transfer	7
Law/Management/Technology Policy	8
Metallurgy	9

### Standard Degree Programme

#### First Year

#### First Semester

CODE	TITLE	UNITS
<i>Major course</i>		



ENGR 101	Introduction to Engineering	2
MTH 111	Elementary Mathematics I	3
MTH 112	Elementary Mathematics II	3
CHM 101	Basic Principles of Chemistry I	2
CHM 171	Basic Practical Chemistry	2
PHY 107	Fundamentals of Physics	3
PHY 192	Practical Physics	2
GSP 101	The Use of English I	2
GSP 111	The Use of Library and Study Skills	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
<b>Major course</b>		
ENGR 102	Applied Mechanics	3
MTH 113	Elementary Mathematics III	3
CHM 112	Basic Principles of Chemistry II	2
CHM 122	Basic Principles of Chemistry III	2
PHY 105	General Physics for Physical Sciences II	2
PHY 109	Fundamentals of Physics (III)	3
GSP 102	The Use of English II	2
		<hr/> 17

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major course</b>		
ENGR 201	Materials Science	2
ENGR 202	Materials Science Laboratory	1
MTH 207	Advanced Mathematics VII	2
GSP 201	Basic Concept and Theory of Peace	2
*GSP 207	Humanities I	2
**GSP 101	The Use of English I	
CE 211	Strength of Materials	2
CE 212	Strength of Materials Laboratory	1
EE 211	Basic Electrical Engineering	3
ME 211	Engineering Drawing I	2
ME 261	Thermodynamics I	2
		<hr/> 19

**Second Semester**

CODE	TITLE	UNITS
<b>Major course</b>		
MTH 206	Advanced Mathematics VI	2
MTH 208	Advanced Mathematics VIII	2
GSP 202	Issues in Peace & Conflict Resolution Studies	2
*GSP 208	Nigerian Peoples and Culture	2
**GSP 102	The Use of English II	
CE 221	Fluid Mechanics	2
CE 222	Fluid Mechanics Laboratory	1
ME 212	Workshop Technology I	2
EE 251	Basic Electrical Eng. Lab/Practice	1
ECE 271	Engineering Computer Programming	3
ECE 281	Engineering Computer Programming Lab	1
* JME Candidates only		
* *DE Candidates only		
		<hr/> 18

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major course</b>		
STA 205	Statistics for Physical Sciences & Engineering I	2

CEDR 341	Intruduction to Entrepreneurship	2
ME 313	Workshop Practice	2
ME 314	Mechanical Engineering Design I	3
ME 315	Mechanical Engr. Laboratory I	4
ME 341	Mechanics of Machines I	2
ME 361	Thermodynamics II	2
ME 391	Metallurgy	2
		19

**Second Semester**

CODE	TITLE	UNITS
<b>Major course</b>		
ENGR 301	Engineering Analysis	4
EE 311	Electrical Engineering II	4
CEDR 342	Basic Development and Management	2
ME 316	Manufacturing Technology	2
ME 317	Engineering Drawing II	2
ME 331	Advanced Strength of Materials	3
ME 343	Measurement and Instrumentation	2
ME 351	Mechanics of Fluids I	2
		21

**Fourth Year****First Semester**

CODE	TITLE	UNITS
<b>Major course</b>		
ENGR 401	Computational Methods	3
ME 418	Mechanical Engineering Design II	3
ME 441	Mechanics of Machine II	2
ME 442	Automatic Control	3
ME 451	Applied Fluid Mechanics	2
ME 461	Applied Thermodynamics	2
ME 471	Heat and Mass Transfer	3
		18

**Second Semester**

CODE	TITLE	UNITS
<b>Major course</b>		
ENGR 402	SIWES	10
ME 431	Theory of Elasticity	3
ME 419	Mechanical Engineering Laboratory	3
ME 481	Technology Development Policy	2
		18

**Fifth Year****First Semester**

CODE	TITLE	UNITS
<b>Major course</b>		
ME 511	Applied Design	4
ME 523	Engineering Materials Selection and Economics	3
ME 551	Mechanics of Fluids II	3
ME 561	Thermodynamics III	3
ME 581	Engineering Law and Management	4
		17

**Second Semester**

CODE	TITLE	UNITS
<b>Major course</b>		
ME 521	B. Eng. Project	6
ME 591	Engineering Metallurgy	3
(3 Elective courses from one or more of the under-listed option areas)		9
<b>A. Heat Power/Thermal Engineering Option</b>		
ME 562	Fundamentals of Nuclear Engineering	3
ME 568	Power Plant Engineering	3

ME 569	Energy Conversion Principles	3
ME 571	Thermal Engineering and Advanced Heat Transfer	3
ME 573	Refrigeration and Air-Conditioning	3
<b>B. Design and Manufacturing Engineering Option</b>		
ME 512	Manufacturing and Tools Engineering	3
ME 513	Design of Welded and Cast Structures	3
ME 531	Theory of Elasticity II	3
ME 541	Vibrations and Control	3
ME 542	Systems Engineering	3
ME 543	Fluid Power Control Engineering	3
ME 549	Instrumentation and Control Engineering	3
		18
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<b>Third Year Chemical Engineering Option</b>		
<i>First Semester</i>		
CODE	TITLE	UNITS
<i>Major course</i>		
ENGR 301	Engineering Analysis and Engineering I	4
STA 205	Statistics for Physical Sciences and Engineering	2
ME 331	Advanced Strength of Materials	2
CHE 302	Industrial Process Calculations	2
CHE 201	General Inorganic Chemistry	2
ME 323	Chemical Engineering materials and Design	3
CHE 211	General Physical Chemistry	2
		17
<hr/>		
<i>Second Semester</i>		
CODE	TITLE	UNITS
<i>Major course</i>		
ME 351	Mechanics of Fluids I	2
ME 363	Engineering Thermodynamics	2
ME 343	Process Instrumentation	2
CHE 301	Chemical Engineering Laboratory I	4
EE 311	Electrical Engineering II	4
CHE 221	General Organic Chemistry	4
		18
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<b>Fourth Year</b>		
<i>First Semester</i>		
CODE	TITLE	UNITS
<i>Major course</i>		
ENGR 401	Computational Methods	3
CHE 401	Heat and Mass Transfer	3
CHE 402	Chemical Engineering Process Design	3
CHE 403	Separation Process	2
CHE 404	Particle Fluid Mechanics	2
CHE 405	Reaction Kinetics and Reactor Design	3
ME 461	Applied Thermodynamics	2
		18
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<i>Second Semester</i>		
CODE	TITLE	UNITS
<i>Major course</i>		
ENGR 402	SIWES	10
CHE 407	Chemical Engineering Laboratory II	3
ME 481	Technology Development Policy	2
CHE 406	Chemical reaction Engineering	3
		18
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<b>Fifth Year</b>		
<i>First Semester</i>		
CODE	TITLE	UNITS
<i>Major course</i>		
CHE 505	Chemical Plant Design	4

ME 581	Engineering Law and management	4
CHE 502	Process Dynamics and Control	3
CHE 503	Process Design and Optimisation	3
CHE 516	Chemical Engineering Analysis	3
		17
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major course</b>		
ME 521	B.Eng. Project	6
(4 Elective Courses from the List Below)		12
		18
CHE 504	Polymer Science and Technology	3
CHE 506	Industrial Chemical Technology	3
CHE 511	Environmental Engineering	3
CHE 512	Biochemical Engineering	3
CHE 513	Pulp and Paper Technology	3
CHE 515	Petroleum Technology	3
CHE 517	Coal and Coke Technology	3

**Department of Metallurgical and Materials Engineering****Staff**

D. O. N. Obikwelu, B.Sc. (Nigeria), M.S. (Waynat Statey), Ph.D. (Michigan State)	Professor
A. P. I. Popoola, B.Sc. (Ifè), M.Tech, D.Tech (South Africa)	Professor
P. N. Kalu, B.Sc. (Ifè), Ph.D, DIC (London)	Professor
V. S. Aigbodion B.Eng., M.Sc., Ph.D. (Zaria)	Reader/Head
I. Y. Suleiman, B.Eng., M. Sc., Ph.D. (Zaria)	Senior Lecturer
C. S. Obayi, B.Eng., M.Eng., Ph.D. (Nigeria)	Senior Lecturer
C. I. Ezema, B.Eng. (Owerri), M. Eng., Ph.D. (Nigeria)	Lecturer I
R. E. Njoku, B.Eng. (Owerri), M.Sc. (Zaria), Ph.D. (UK)	Lecturer I
P. O. Offor, B. Eng., M.Eng. (Enugu), Ph.D. (Nigeria)	Lecturer I
C. C. Daniel-Mkpume, B.Eng., M.Eng. (Awka)	Lecturer I
A. D. Omah B.Eng. (Enugu), M. Sc., Ph.D. (Nigeria)	Lecturer I
P. S. Nnamchi, B.Eng. (Enugu), M.Sc. (Netherlands), Ph.D. (UK)	Lecturer I
S. M. Adams, B.Eng., M.Sc., Ph.D. (Zaria)	Lecturer I
S. N. Ude, B.Sc. (Enugu), M.Sc., Ph.D. (USA)	Lecturer I
E. G. Okonkwo, B.Eng. (Nigeria), M.Sc. (Lagos)	Lecturer II
S. C. Madu, B.Eng. (Owerri), M.Eng. (Benin)	Lecturer II
E. O. Oji, B.Eng. (Enugu), M.Sc. (Zaria)	Lecturer II.
F. U. Otung, B.Eng. (Nigeria)	Graduate Assistant
U. O. Oji, B.Eng. (Nigeria)	Graduate Assistant
G. Okoh, B.Eng. (Nigeria)	Graduate Assisstant
C. Ocheri, HND, PGD (Enugu),	Principal Technologist
O. Romanus, B.Eng. (Enugu)	Senior Technologist
C. C. Ozioko, OND	Higher Technical Officer II
C. O. Amadi, B.Eng. (Enugu)	Technologist II
A. Adekunle, HND	Technologist II
O. E. Nnanyelugo, B.Eng. (Owerri)	Technologist II
C. C. Ozioko, B.Eng. (Enugu)	Technologist II
I. J. Chinwe, B.Eng. (Enugu)	Technologist II
C. Ezeonwuka, B.Eng. (Nigeria)	Higher Technical Officer. II
R. E. Ezema, HND (Enugu)	Higher Technical Officer. II
N. A. Eze, HND	Higher Technical Officer. II
C. Samuel, B.Eng. (Nigeria)	Technologist II
O. F. Omeje, HND	Higher Technical Officer. II
A. N. Urama, B.Eng. (Enugu)	Higher Technical Officer. II
H. N. Ugwuoke, B.Sc. (Nigeria)	Senior Executive Officer
U. F. Abugwu, NABTEB	Foreman
B. O. Eme-Ndukwe, B.Ed. (Nigeria)	Senior Data Entry Operator/ Senior Clerical Officer

B. N. Adichie, OND  
 A. J. Ezema  
 J. U. Ugwoke  
 M. Ije, NCE  
 B. C. Ugwoke  
 B. I. Shedun

Head Workshop Attendant  
 Workshop Assistant  
 Laboratory Assistant  
 Laboratory Assistant  
 Laboratory Assistant  
 Laboratory Assistant

### **Brief History**

The Department of Metallurgical & Materials Engineering, University of Nigeria, Nsukka was established at the 316<sup>th</sup> Senate Meeting of the University of Nigeria, Nsukka on the 1<sup>st</sup> day of February, 2006.

The National Universities Commission (NUC), after the Resource Verification Visit from December 2<sup>nd</sup> to December 8<sup>th</sup>, 2007, officially approved the establishment of the Department on the 15<sup>th</sup> April, 2008 to run a programme for the award of B.Eng. degree in Metallurgical and Materials Engineering. Actual teaching started in October 2007 with the admission of 42 foundation students with 4 members of staff and the department presently has 30 staffs.

### **Philosophy**

Almost every problem in the complex technology of any industrial society is at its core a materials problem. Power generation; lighter, more crash resistant and energy saving components for land; sea and air vehicles, electronic devices miniaturization; communication systems, from telephones to satellites, high strength, corrosion-resistant, fatigue-resistant, creep resistant materials for all types of structures; nuclear energy aspects from the production of the uranium fuel to the fabrication of massive steel structure of the reactor and the radiation shielding which makes it safe and transportation systems, all depend on the development of new engineering materials or the improvement of well-tried ones.

The Metallurgical & Materials Engineering is geared towards the non-renewable resources (metallic and non-metallic or fuel) to provide for the minerals and fuel resources which are being depleted faster than new ones are found; it also involves finding new ways of economically utilizing available materials and extracting metals from low grade sources with minimum disturbance to the environment and with the minimum consumption of energy.

Transportation systems are becoming faster and faster because the Metallurgical & Materials Engineer is improving the materials: light- weight high -strength materials for fuel efficiency, stainless steel for various industries, super alloys for aircraft engine, titanium for space craft. Communication systems from telephones to satellites are tying the world together because the metallurgical engineer has developed ultra-pure silicon for transistors, germanium for diodes, cesium for electron emitters, tungsten for hot filaments and copper in low cost abundance to knot these components into electronic communication circuits. Nuclear energy is a field fundamentally dependent on metallurgical & materials engineering- from the production and fabrication of the uranium fuel to the massive steel structure of the reactor and the radiation shielding which makes it safe. In solving social problems, the Metallurgical & Materials Engineer designs and develops processes and equipment for recycling scrap materials for removing impurities from air and water and supplying materials required for man's standard of living.

### **Objectives**

1. To train engineering professionals who are highly motivated and equipped theoretically and practically to face the challenges of a rapidly expanding industrial society.
2. To carry out research and development for sustainable technological growth.
3. To exposes the students to cutting-edge technologies to make them globally competitive.

### **Scope**

The field of Metallurgical & Materials Engineering involves the mastery of the science and engineering of metals, ceramics and polymers to enable the graduate understand the behaviour of these materials in everyday application. The programme, in addition to consolidating the fundamental aspects of metallurgical, ceramic and polymer engineering exposes the graduates to the cutting edge engineering technologies in materials processing and development.

### **Entry Requirements**

**UTME**

Candidates for admission to the Department must first satisfy the University entry requirements. The minimum entry requirement is pass at credit level in Senior Secondary School Examination or its equivalent in five subjects including Mathematics, Physics, Chemistry and English Language, which must be obtained in not more than two sittings.

### Direct Entry

The minimum requirements are any of the following:

- Passes at HSC or GCE A/L in at least two of the following subjects: Pure Mathematics, Applied Mathematics, Pure and Applied Mathematics, Physics and Chemistry. The candidates are also required to have credit level passes which must include English Language, Mathematics, Physics and Chemistry in Senior Secondary School Examination or its equivalent.
- Pass at Upper Credit level in HND examinations in Metallurgical & Materials Engineering.
- First degree holders in other relevant disciplines.

### Duration of the Programme

Formal period of students in the Department is 5 years for UME, and 4 years for Direct Entry students. During this period there is Industrial Training for the students (i.e. SIWES I) at 400 level, second semester for a period of 6months. Excursion (Plant visits are usually organized for the students at the middle of the sessions.

### Job Opportunities

Job opportunities abound in and outside Nigeria for the graduate in the following areas: Iron and Steel, Ceramic (glass, Cement, refractory materials), Oil, Gas and Petrol-Chemical Industries, Defense Industries, Security Industries, Power Generation, Mining Industries, Semiconductor (Microelectronics) Industries, Transportation Industries, Aerospace and Marine Industries, Ministries, Institutes and Academia.

### Work Experience and Employment

The Department encourages you to seek relevant work experience during your course. This may be either in the form of SWIES, vacation work, or a year out in industry. This will not only improve the relevance of the course but will also make you more attractive to potential employers when you graduate.

### Stress Areas

Foundation Courses	0
Laboratory Courses	1
Chemical/Extractive Metallurgy/Manufacturing Processes and Foundry Engineering	2
Physical Metallurgy/Transport Phenomena in Materials Engineering	3
Mechanical /Production Metallurgy/ Engineering Alloys	4
Ceramics Engineering /Coal and Coke Technology	5
Polymer Engineering and Corrosion Engineering/Materials Selection & Design	6
Paper Production Technology	7
Special Materials/Electron Microscopy	8
SIWES / Project	9

### Five-Year Standard Programme

#### First Year

##### First Semester

CODE	TITLE	UNITS
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##### Major Courses

##### Required Ancillary Courses

EGR. 101	Introduction to Engineering	2
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
CHM 101	Basic Principles of Inorganic Chemistry	2
CHM 171	Basic Practical Chemistry	2
PHY 121	Fundamentals of Physics I	2
PHY 195	Practical Physics II	2

##### General Studies Course

GSP 101	The Use of English I	2
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##### Second Semester

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
EGR. 102	Applied Mechanics	3
MTH 122	Elementary Mathematics III	3
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
PHY 116	General Physics for Physical Sciences II	2
PHY 124	Fundamentals of Physics III	3
<b>General Studies Course</b>		
GSP 102	The Use of English II	2
		<b>17</b>
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MME 201	Materials Science	2
MME 213	Materials Science Laboratory	1
<b>Required Ancillary Courses</b>		
MTH 207	Advanced Mathematics VI	2
CVE 211	Strength of Materials	2
EEE 211	Basic Electrical Engineering	3
MEC 211	Engineering Drawing I	2
MEC 261	Engineering Thermodynamics I	2
CVE212	Strength of Materials Laboratory	1
<b>General Studies Courses</b>		
GSP 201	Basic Concepts and theories of Peace and Conflict Resolution	2
GSP 207	Humanities I	2
		<b>19</b>
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
MTH 206	Advanced Mathematics VII	2
MTH 208	Advanced Mathematics VIII	2
CVE 221	Fluid Mechanics	2
CVE 222	Fluid Mechanics Laboratory	1
MEC 212	Workshop Technology I	2
EEE 251	Basic Electrical Engineering Lab/Practice	1
ECE 271	Engineering Computer Programming	3
ECE 281	Engineering Computer Programming Laboratory	1
<b>General Studies Courses</b>		
GSP 202	Issues in Peace and Conflict Resolution Studies	2
GSP 208	Humanities II	2
		<b>18</b>
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MME 301	Metallurgical Thermodynamics and Kinetics	2
MME 331	Physical Metallurgy I	2
MME 333	Basic Electron Theory of Materials	2
MME 341	Mechanical Metallurgy I	2
MME323	Corrosion Engineering	3
<b>Required Ancillary Courses</b>		
MEC 314	Mechanical Engineering Design I	3
STA 203	Statistics for Physical Sciences and Engineering	2
MEC 313	Workshop Practices	2
CED 341	Introduction to Entrepreneurship	2

		<b>20</b>
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MME 302	X-ray Diffraction and Electro-optical Techniques	2
MME 322	Mineral Processing	2
MME 332	Structure, Properties and Heat Treatment of Alloys	2
MME 342	Metallurgical Furnaces & Principles of Foundry Engineering	3
MME 381	Ceramic Engineering	2
MME 311	Physical Metallurgy Laboratory	1
<b>Required Ancillary Courses</b>		
EGR 301	Engineering Analysis	4
MEC 344	Measurement and Instrumentation	2
CED 342	Business Development and Management	2
		<b>20</b>
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MME 411	Corrosion and Chemical Metallurgy Laboratory	1
MME 413	Mechanical Metallurgy Laboratory	1
MME 421	Extraction Metallurgy	2
MME 431	Physical Metallurgy II	2
MME 443	Production Metallurgy	3
MME 451	Welding Engineering	2
MME 461	Polymer Engineering	2
<b>Required Ancillary Courses</b>		
MEC 471	Heat & Mass Transfer	3
		<b>19</b>
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EGR 402	Student Industrial Work Experience Scheme (SIWES)	10
MME491	Technical Report Writing	3
MEC481	Technology Development Policy	2
		<b>15</b>
<b>Fifth Year</b>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MME 531	Transport Phenomena in Materials Engineering	2
MME 541	Theory and Design of Engineering Alloys	2
MME 543	Iron and Steel Making	2
MME 551	Introduction to Composites	3
MME 581	Nano-science and Nanotechnology	2
MME 561	Engineering Materials Selection and Economics	3
<b>Required Ancillary Courses</b>		
MEC 581	Engineering Law	2
MEC 583	Engineering Management	2
		<b>18</b>
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MME 524	Metallurgical Plant Design	3
MME 532	Theory of Dislocations	2
MME 542	Mechanical Metallurgy II	2



MME592	Project	6
	Elective Courses	6
		<hr/> 19

**Elective Courses**

(Any three (3) courses from the list below not exceeding 6 units should be chosen to make up for the second semester final year courses.

MEC 522	Manufacturing and Tools Engineering	2
MME 538	Advanced Phase Transformations and Heat Treatment	2
MME 546	Powder Metallurgy	2
MME 552	Coal and Coke Technology	2
MME 556	Refractory Materials and Industrial Furnaces	2
MME 574	Paper Production Technology	2
MME 582	Solid State Materials & Electronics	2

**Faculty of Environmental Sciences****Dean's Office****Staff**

C.C. Chukwuali (M.Sc., Ph.D. (Moscow)	Dean
I.W.J. Ozigbo (Ven.), LLB, B.A., B.Sc., M.Sc., Ph.D. (Nigeria)	Associate Dean
C.M. Ogu, B.Ed., PGD, M.Sc. (Nigeria)	Faculty Officer
M. O.Asuzu, B.Sc. (Owerri)	Assistant Registrar
F.N. Lemoha, B.Sc., M.Sc. (Nigeria)	Chief Executive Officer
N.E. Udochukwu-Iroka, Dip (Nigeria)	Chief Conf. Secretary
I. J. Ndubuisi, B.Sc., MBA & M.Sc. (Nigeria)	Principal Executive Officer I
J.C Orjiekwe, B.Sc. (Nigeria)	Prin. Executive Officer II
N.S. Nnamani, B.Sc. (Enugu)	Prin. Executive Officer II
M.C Mbagwu HND	Principal Computer Operator
O. J. Ifechineke, NCE	Executive Officer
M.N. Enwerem B.Sc., (Kaduna)	Senior Cleaner/Messenger

**Department of Architecture****Staff**

B.C. Chukwuali, M.Sc., Ph.D. (Moscow)	Professor
I.G. Chendo, BES, MED (Lagos), NIAPPE, ARCON; AARCHES	Reader
O. Nduka, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer/ Ag. Head
L.C. Chineme, B.Sc. (Tuskegee), M.Arch., MCRP (Arlington)	Senior Lecturer
C.O. Odum, B.Sc., B.Arch.(Washington DC), M.Arch.(Baltimore), Ph.D. (Nigeria)	Senior Lecturer
F.O. Uzuegbunam, B.Arch. (Washington DC), M.Arch. (Baltimore), Ph.D. (Nigeria),	Senior Lecturer
C.A. Udeh, B.Arch.(U.S.A), M.URP (U.S.A)	Senior Lecturer
D.M. Nwalusi, B.Sc. (Santo Thomas), M.Sc. (Santo Thomas), Ph.D. (Nigeria)	Senior Lecturer
L.O. Ifeajuna, B.Arch. (Santo Thomas), M. Arch (Philippines)	Senior Lecturer
B.C. Udeh, M.Sc. (Poland)	Senior Lecturer
E.J. Mba, B.Sc., M.Sc., MBA, M.Arch. (Nigeria)	Senior Lecturer
C. Sam-Amobi, B.Sc., M.Sc., MURP, Ph.D. (Nigeria)	Lecturer I
N.I. Obi, Dip. (Poland), M.Sc. (Cracow)	Lecturer I
O.E. Gbanigo, B.Sc., M.Sc. (Nigeria)	Lecturer I
C.J. Okekeogbu, B.Sc., M.Sc.(Nigeria)	Lecturer I
C.J. Nwakalo, B.Sc.(Lincoln), B.Arch. (Washington D.C.), M.SC.RP (New York), Ph.D. (Troy, NY)	Lecturer I
C.O. Okpalike (Rev. Fr), B.D. Theology, B.Phil., B.Sc. (Enugu), M.Sc. (Nigeria)	Lecturer II
N.N. Andy, B.Sc. (Nigeria), M.Sc. (Nigeria)	Lecturer II
E.K. Ejike, OND (Kaduna), B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C.N. Ugwu, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C.E. Okere, B.Sc. (Nigeria), M.Sc. (Nigeria)	Assistant Lecturer
E.P. Odoh, B.Sc(Enugu), M.Sc. (Nigeria)	Assistant Lecturer
I. Echendu, B.Sc. (Nigeria)	Graduate Assistant
F. Okeke, B.Sc. (Nigeria)	Graduate Assistant
S.C. Onoh, B.A, M.A. (Nigeria)	Senior Tutor
N.A. Obiekwe, OND, HND (Anambra)	Principal Technical Instructor

**Degree Offered**

The Department of Architecture offers four-year programme and three-year programme (for Direct Entry students) leading to the Degree of Bachelor of Science (B.Sc.) in Architecture. The Programme is designed to provide essential background for the professional needs of an architect.

The undergraduate programme is a standard four-year programme leading to the Degree of Bachelor of Science (B.Sc) in Architecture. The programme is designed to provide essential background for the professional needs of an architect.

**Philosophy**

The philosophy of the programme is to develop and impart architectural education responsive to our environment and the needs of the people.

### Objectives and Scope

The objective of the programme is to groom competent skilled and versatile Architects capable of facing a broad spectrum of challenges of environmental design in Nigeria in particular and the global situation in general. In pursuit of academic excellence, the programme will exploit the rich culture and architectural resources within its immediate environment and beyond. It has an in-built flexibility in the development of the curriculum to allow for the changing needs of architectural education arising from changing social, economic, psychological and technological environment.

### Entry Requirements

Subject to the candidate satisfying the University minimum entrance requirements, there are four modes of entry into the programme:

#### (a) SSS Certificate Admission

For a candidate who has successfully completed the Senior Secondary School Education of the 6-3-3-4 system or its equivalent with credit in Mathematics, English Language, Physics and any two of the following subjects Chemistry, Technical Drawing, Wood Work, Fine Art, Geography and Economics. Normal Admission should be through acceptable pass at the Entrance Examination organized by JAMB. Candidates so admitted commence at the 100-level of the programme.

#### (b) O-Level Admission

A candidate from either the old secondary school system or NECO must have 5 credit passes at O-Level or its equivalent in Mathematics, English Language, Physics and any other two subjects from the following Geography, Economics, Chemistry, Technical Drawing, Wood Work and Fine Art. Such a candidate will commence at 100-level of the programme after obtaining acceptable score in the UME.

#### (c) A-Level Admission

A candidate who fulfills SSSC or O-level admission requirements and who has obtained GCE A-level, HSC or equivalent passes in Mathematics and Physics, or Mathematics or Physics and any other subjects will be admitted at the 200-level of the programme. Such a candidate may take relevant courses to make up for any deficiencies in his/her academic background.

#### (d) ND Admission

A candidate who fulfills the conditions for admission (a or b above) and who holds National Diploma (N.D) certificate in Architectural Technology or Building Technology at credit level may be considered for special admission into the programme at 200-level that is Direct Entry). Such candidate may take relevant courses to make up for deficiencies found in his/her academic background.

### Job Opportunities

Architecture is among the most complex of the professions taught at the University of Nigeria. The programme in architecture draws upon research in decision theory, human behavior patterns and perception, as well as technology and art, as the basis for directing the future architect's successful contribution to the society he serves. The Building Industry led by the architectural profession has the enormous responsibility for recreating the physical environment of Nigeria.

On successful completion of the programme, a graduate in architecture shall have attained sufficient theoretical and practical skills to assist practicing Architects, and then can register with the Nigerian Institute of Architects (NIA) as well as the Architects Registration Council of Nigeria (ARCON) and work as a full-fledged Architect. Also, the student can proceed for higher studies in Architecture.

### Stress Areas

General and Introductory Courses	0
History and Theory	1
Techniques (Descriptive Geometry, Freehand Sketching, Art & Drawing, etc)	2
Architectural Design	3
Environmental Control & Services	4
Urban Design Studies	5
Structures, Materials & Construction Methods	6
Physical Sciences Application	7
Research Methods & Project	8

### Four-Year Standard Programme

#### First Year

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ARC 101	Introduction to Architecture I	3
ARC 121	Architectural Graphics I	2
ARC 123	Freehand Sketching I	2
<b>Required Ancillary Courses</b>		
URP 101	Basic Elements of Planning	3
MAT 111	Elementary Mathematics I	3
PHY 115	General Physics for Physical Sciences I	2
PHY 191	Practical Physics	2
<b>General Studies Course</b>		
GSP 101	Use of English I	2
GSP 111	Use of Library and Study Skills	2
COS 101	Introduction to Computer Science	2
		<hr/> 23

**First Year****Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ARC 102	Introduction to Architecture II	3
ARC 104	Introduction to Applied Arts	2
ARC 122	Architectural Graphics II	2
ARC 124	Freehand Sketching II	2
ARC 172	Computer Applications in Architecture I	1
<b>Required Ancillary Courses</b>		
URP 102	Nature of Environmental Science	2
PHY 116	General Physics for Physical Sciences II	2
PHY 118	General Physics for Physical Sciences III	2
MAT 121	Elementary Mathematics II	3
<b>General Studies Course</b>		
GSP 102	Use of English II	2
		<hr/> 21

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ARC 211	History of Architecture I	2
ARC 221	Descriptive Geometry I	2
ARC 231	Architectural Design I	4
ARC 241	Environmental Sciences	1
ARC 261	Building Components & Methods I	2
ARC 263	Architectural Structures I	2
ARC 271	Computer Applications in Architecture II	2
<b>Required Ancillary Courses</b>		
GSV201	Basic Land Surveying I	2
<b>General Studies Courses</b>		
GSP 201	Basic Concepts and Theory of Peace Conflict Resolution I	2
GSP 207	Humanities I	2
		<hr/> 21

**Service Course**

ARC 233 Introduction to Architectural Design

3

**(For URP Students Only)****Second Year****Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ARC 212	History of Architecture II	2
ARC 222	Descriptive Geometry II	1

<i>Programmes</i>		609
ARC 232	Architectural Design II	4
ARC 262	Building Components & Methods II	2
ARC 264	Architectural Structures II	2
ARC 272	Computer Applications in Architecture III	1
<b>Required Ancillary Course</b>		
GSV202	Basic Land Surveying II	2
<b>General Studies Courses</b>		
GSP 202	Basic Concepts and Theories of Peace and Conflict Resolution II	2
GSP 208	Humanities II	2
Electives		2
		<hr/> 20
<b>Electives of 2 Units from the following courses:</b>		
ARC 244	Environmental Planning	2
URP222	Housing Process I (Sociology of Housing)	2
<b>Service Course</b>		
ARC 202	Introduction to Measurements & Descriptions	2
<b>(For URP Students Only)</b>		
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ARC 311	History of Architecture III	2
ARC 321	Architectural Presentation Techniques	1
ARC 331	Architectural Design III	4
ARC 341	Building Services I	2
ARC 361	Building Components & Methods III	2
ARC 363	Architectural Structures III	2
ARC 365	Working Drawing/Detailing	2
ARC 371	Computer Applications in Architecture IV	1
URP311	Rural Development Planning	2
CED 341	Introduction to Entrepreneurship	2
Electives		2
		<hr/> 20
<b>Electives of 2 Units from the following courses:</b>		
PSY 331	Sensory Processes	2
ESM 342	Economics of Planned Development I	2
<b>Third Year</b>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
ARC 382	SIWES PROGRAMME	15
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
ARC 411	Building Quantities and Costing	2
ARC 413	Problem Analysis in Architecture	1
ARC 431	Architectural Design IV	4
ARC 441	Building Climatology	2
ARC 443	Building Services II	2
ARC 451	Human Settlements & Architecture	2
ARC 461	Building Components & Methods IV	2
ARC 463	Architectural Structures IV	2
ARC 471	Computer Applications in Architecture V	1
Electives		2
		<hr/> 20
<b>Elective of 2 Units from the following Courses</b>		
ARC 433	Interior Design and Decoration	2
LAW 243	Principles of Law of Contract & Tort I	2
<b>Fourth Year</b>		

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ARC 414	Building Economics	2
ARC 412	History of Traditional Architecture	2
ARC 416	Public & Institutional Buildings	2
ARC 432	Architectural Design V	4
ARC 434	Landscape Architecture	2
ARC 442	Acoustics and Noise Control	2
ARC 462	Building Components & Methods V	2
ARC 464	Architectural Structures V	2
CED 342	Business Development and Management	2
Electives		2
		<hr/> 22
<b>Electives of 2 Units from the following courses:</b>		
ARC 444	Natural & Artificial Lighting	2
ARC 446	Pollution Control for Architects	2
CE 422	Public Health Engineering	2

**Department of Estate Management****Staff**

J. U. Ogbuefi, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
I.W. Ozigbo, B.Sc. (Nigeria), M.Sc. (Enugu), M.Sc., PGD & MBA, LL.B and BL, Ph.D.(Nigeria)	Reader
J.A. Umeh, B.Sc., M.Sc. (London), ARVA(UK), ARICS(UK), FNIVS(Nigeria), FRVA(UK),FRICS(UK), MRSH(UK).	Professor Emeritus
D. U. Ifeancha, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
R.I. Egbenta, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
U.R. Emeasoba, B.Sc., M.Sc., MBA, PGD, Ph.D. (Nigeria)	Lecturer I
C. A. Ozigbo, B.Sc., M.Sc. (Enugu), M.Sc., Ph.D. (Nigeria).	Lecturer I
P. C. Ogbuefi, B.Sc., M.Sc. Ph.D. (Nigeria)	Lecturer I
O. J. Akalemeaku, B.Sc. (Uturu), M.Sc., Ph.D.(Nigeria)	Lecturer I
N. D. Ehiemere, B.Sc., M.Sc.(Nigeria)	Lecturer I
J. I Odu, B. Sc., M.Sc. (Nigeria)	Assistant Lecturer
I. E. Ihemeje, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
O.C. Nnamani, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
V. I. Nwafo, B.Sc., M.Sc. (Awka)	Assistant Lecturer
N. I. Ewurum, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
E. I. Onyekwelu, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C. G. Ugwu, B.Sc. (Nigeria)	Graduate Assistant
C. S. Nwogu, B.Sc. (Nigeria)	Graduate Assistant
P. K. Ifeancha, B.Sc. (Nigeria)	Graduate assistant
J. I. Ogbodo, HND, PGD, MBA, M.Sc. (Nigeria)	Prin. Conf. Sec I
C. R. Ozokolie, ND Mgt (OSISATECH, Enugu)	Snr. Data Processing Officer II
L. N. Korie, OND, (Enugu)	Senior ex. Officer
N. Anyaegbu, HND, PGD, MBA (Nigeria)	Higher Executive Officer
O. O. Umeji, B.Sc. (Nigeria)	Higher Technical Officer II
C. L. Okafor, B.Sc. (Nigeria)	Higher Technical Officer II
S. K. Nwafor, B.Sc. (Enugu)	Higher Technical Officer II

**Brief History**

Estate Management has a long tortuous and very successful history here in the University of Nigeria.

Initially, sub-professional courses leading to the first and intermediary examinations of the Royal Institution of Chartered Surveyors, U.K. were established at the then Enugu Branch of the College of Arts, Science and Technology late in 1957.

Following the 1960 Ashby Commission's recommendation, the College including the Department of Estate Management was absorbed by the University of Nigeria in 1961 as its Enugu Campus. In September 1963, 23 foundation students were admitted to the degree programme and the department graduate her first products in June 1967.

Except for the short interregnum during the Nigerian Civil War, the Department has continued admission and graduations of students since then. In 1980, the Department became the first in Nigeria to mount an M.Sc., postgraduate programme in Estate Management. Subsequently, in 1983 the Ph.D. programme was established. Since then, the Department has graduated top professionals and scholars lecturing in many other Departments of Estate Management in various Universities in Nigeria and in other countries.

The Department has remained a reference point for the training of high quality manpower in the field of Estate Management in Nigeria and has at various times established linkage programmes with such Universities as University of Cambridge in England and University of Strathclyde in Scotland.

#### Mission Statement

The department of Estate Management is committed to the training of university graduates in Estate Management, with high academic and moral standard to satisfy the manpower needs of both the private and public sectors of the economy.

To achieve this objective, the curriculum is reviewed and updated regularly in response to changes in the socio-political, economic and technological environment.

#### Aims and Objectives

The aim of the programme is to equip the graduates with institutional, analytical and management tools necessary for the conservative and sustainable development of our land and land resources. The specific objectives include:

- (i) To instil in students an appreciation of the complex nature of the relationship between man and his environment.
- (ii) To prepare students academically for professional practice in land management, land use planning and land development, land reform, and settlement, real estate taxation and rating valuation, aspects of town and country planning, valuation, investment/development schemes and feasibility/viability appraisals.
- (iii) To create an appreciation of the importance of estate surveying and valuation in an industrial, environmental, economic and social context,
- (iv) To lay a foundation on which students can proceed to further studies in specialized aspects of estate surveying and valuation.
- (v) To develop the students in the use of information technology in the effective management of land and the environment.

#### Admission Requirements

Admission into the department can be through either of the following modes.

##### University Matriculation Examination (UME)

Candidates seeking admission through the University Matriculation Examinations (UME) organized by Joint Admission and matriculation Board (JAMB) must in addition to passing the entrance examination at the University specified level, possess the Senior Secondary School Certificate of Education (SSCE) or its equivalent with credit passes in at least *five subjects* which must include Mathematics, English Language, Economics and any other two from Physics, Chemistry, Biology, Geography, Fine Arts, Technical Drawing, Agricultural Science and Building Construction, in not more than two sittings.

##### Direct Entry (D/E)

Holders of degrees in related disciplines or HND Estate Management would be admitted to Part II and holders of Higher School Certificate, GCE "A" level and OND in Estate Management would be admitted to Part II provided they meet the above entry requirement specified in 2.1 above and take remedial courses from Part I programme as may be recommended by the Department.

##### Duration of Programme

The Bachelor of Science Programme in Estate Management shall last for a minimum of ten semesters (i.e. five years) for holders of Senior Secondary School Certificate (SSCE) or its equivalent. However, no student shall be granted an extension of more than four (4) semesters (i.e. two years if he or she fails to graduate within the minimum duration).

Holders of higher qualifications may be granted appropriate exemptions commensurate with their background. Transfers from other courses will be treated on their individual merits.

### Title of the Degree to be Awarded

The degree to be awarded on successful completion of the programme is the Bachelor of Science in Estate Management abbreviated B.Sc. (Estate Management).

### Requirements for the Award of the Degree

The award of the B.Sc. (Estate Management) degree is subject to the candidate fulfilling the University general conditions for the award of the degree in addition to having satisfied the following:

- (i) The candidate must have passed all the prescribed compulsory examinations.
- (ii) The candidate must have completed minimum total credit units of 184.
- (iii) The candidate must have successfully completed a semester of industrial work for practical experience in recognized and approved organization, a report of which must be prepared and submitted to the Department.
- (iv) The candidate must have successfully completed a research work embodied in the form of project or dissertation reports; and
- (v) The candidate must have shown adequate evidence of being worthy in character.

### Course Requirements

The major course components that make up the curriculum for the B.Sc. (Estate management) degree programme comprise Property Valuation, Feasibility and Viability Appraisals, Property Management, Building Technology, Law, Economics, Land Economics, and Town Planning, among others. Some of these courses are offered outside the Department. The course components can be categorized into three, namely:

- i. Those courses offered in the Department of Estate Management
- ii. Those courses offered in cognate departments; and
- iii. Those courses offered in the General studies unit.

The courses can be further categorized into compulsory \core courses, compulsory ancillary courses and elective courses.

### Job Opportunities

Graduates of Estate Management have career opportunities in both the public and private sectors of the economy. Graduates provide high level professional services as Estate Surveyors and Valuers, Land Officers, and Rating Surveyors in Local, State and Federal Government Ministries and Establishment, Managers in Banks and other financial institutions while others work as resident surveyors and partners in various estate surveying firms.

### Stress Areas

Foundation	0
Land and Resource Development	1
Land Use and Planning	2
Taxation and Rating	3
Arbitration and Awards	4
Property Management	5
Valuation	6
Estate and Development Finance	7
Feasibility & Viability Appraisals	8
Project/Dissertation	9

### Department of Geoinformatics and Surveying

#### Staff

C. Okpala-Okaka, B.Sc. (Wisconsin), M.Sc. (Illinois), Ph.D. (Awka), ITC (Netherlands)	Professor
O.C. Ojinnaka, B.Sc., M.Sc., Ph.D. (Nigeria) Dip. (Plymouth)	Professor
R.A. Osemenam, B.Sc., M.Sc., Ph.D. (Moscow)	Professor
F.I. Okeke, B.Sc., M.Sc., (Nigeria), Ph.D. (Stuttgart)	Professor
E.C. Moka, B.Sc., M.Sc., Ph.D.(Nigeria)	Senior Lecturer
V.N Uzodinma, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
R.I. Ndukwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer /Ag. Head
E.S Ebinne, B.Sc., M.Sc., (Nigeria), Ph.D. ( Awka)	Senior Lecturer
C. E. Ndukwe, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
C.D. O Anejionu, B.Sc. (Nigeria), M.Sc., (Greenwich), Ph.D. (Lancaster)	Assistant Lecturer
K.I. Nwosu, B.Sc., M.Sc. (Nigeria)	Lecturer I



U.C. Nkwunonwo, B.Sc., M.Sc. (Nigeria), Ph.D. (Portsmouth)	Lecturer II
N.I. Maduako, B.Sc. (Nigeria), M.Sc. (Germany)	Lecturer II
A.I. Ugwuoti, B.Sc., M.Sc. (Nigeria)	Lecturer I
C.I. Ehiemere, B.Sc., M.Sc. (Nigeria)	Lecturer I
O.C. Nwaka, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
E. Onah, B.Sc., (Nigeria)	Graduate Assistant
O.I. Apeh, B.Sc., (Nigeria)	Graduate Assistant
S.C. Okofor, B.Sc., (Nigeria)	Graduate Assistant
U.C. Nwafor, B.Sc., (Nigeria)	Graduate Assistant
J. Quarshie-Doku, Technical Diploma Certificate	Chief Technical Instructor I
E.C. Mbachu, B.Sc., (Enugu), PGD ((Nigeria)	Principle Technical Instructor I
R.O. Igweike, B.Sc., (Enugu), PGD (Nigeria)	Senior Technical Instructor
C. Uyanwa, B.Sc., (Enugu),	Chief Executive Officer
I.M. Agballa, B.Sc., (Nigeria)	Principal Executive Officer I
E. Ozioko-Paul, HND (Enugu)	Senior Confidential Secretary
B.C. Okereke, NABTEB Advanced	Senior Executive Officer
U. Ugwueke, B.Sc., (Nigeria)	Higher Executive Officer
C.N. Onoh, Advance Pitman Typewriting	Senior Data Processing Officer II

### **Brief Information of the Department**

The Department of Geoinformatics and Surveying, University Nigeria is one of the earliest departments established in the University. It is one of the present four departments in the Faculty of Environmental Studies. The Department offers a standard five-year programme of study leading to B.Sc. Degree in Geoinformatics & Surveying which meet the standards of the Surveyors Council of Nigeria (SURCON) and the Nigerian Universities Commission (NUC). The department runs postgraduate programmes namely: postgraduate Diploma (PGD), Master of Science (M.Sc.) and Ph.D. in various areas of Geoinformatics and Surveying.

The Department also offers service courses (theory and practice) to other Departments in the Faculty including the Departments of Architecture, Estate Management and Urban and Regional Planning.

### **Philosophy**

Geoinformatics and Surveying is a professional discipline which is designed to produce manpower for geospatial data acquisition and database management for the production of appropriate geospatial information in various forms including cadastral plans, and site plans; updated cadastral, topographic and thematic maps and charts; earth's terrain and water level models, and various other geospatial reports, diagrams, and perspectives. It also involves multiple applications of these to different areas including environmental monitoring and control, physical planning and development, civil engineering design and construction, distribution of utilities, military operations, archaeological and geological operations, and general political, economic, agricultural, population, fiscal and land administration.

### **Objectives**

The programme objectives include the training and production not only of professional Surveyors registerable by the Surveyors Council of Nigeria (SURCON), but also of Geodesists, Hydrographers, Cartographers, as well as Photogrammetrists, Remote Sensing and GIS experts, Database Analysts, Managers and Administrators. These professionals are required by numerous local, national and international governmental and non-governmental organizations (NGO) and agencies involved in land, ocean and space administration research including studies on population, transportation, telecommunication, navigation, etc.

### **Scope**

The programme harnesses appropriate knowledge of Mathematics, Physics, Statistics, Electronics, Computer Science, Environmental Studies, and Law to prepare the students adequately to meet the challenges of professional practice and specialist training in Land Surveying, Mining Surveying, Hydrography, Oceanography, Cartography, Geodesy, Photogrammetry, Remote Sensing and Navigation. The programme is carefully structured to reflect adequately these areas of knowledge.

### **Admission Requirements**

There are two modes of entry into the programme subject to the candidate satisfying the University minimum entry requirement.

Applicants for admission through UME must be holders of Senior Secondary School Certificate (SSSC) or its equivalent with five credits including Mathematics, Physics and English Language, who have taken the University Matriculation Examination (UME) and obtained acceptable score.

For admission by Direct Entry (DE) candidates must have one of the following qualifications:

- (a) Passes in Mathematics and Physics at the G.C.E. Advanced Level or its equivalent, and have in addition three other credit level passes in SSSC examination or G.C.E. (O/L) or its equivalent.
- (b) National Diploma (ND) or its equivalent in Surveying, with pass at Upper Credit level, from an NBTE accredited institution or recognized higher institution.
- (c) Bachelors Degree in the Physical Sciences & Engineering Disciplines

DE candidates will be admitted into a four-year programme in which case they start from the second year of the five-year standard programme. Candidates admitted by direct entry may be required, where applicable, to take specified courses to make up for deficiencies found in their academic background.

### Job Opportunities

Graduates of the Department have the opportunity to work in mapmaking firms both in Nigeria and other countries of the world.

Job opportunities exist in the Federal and State Government Ministries and parastatals, oil prospecting companies, Engineering companies and private surveying and mapping companies/organizations and a wide range of social institutions in the field of demography, forestry, planning etc. Job opportunities also exist in research institutions, polytechnics and universities.

Many of our products also engage in self employment after registration with SURCON (Surveyors Council of Nigeria).

### Stress Areas

Introductory Courses	0
Geoinformatics & Land Surveying	1
Geodesy	2
Photogrammetry/Remote Sensing	3
Hydrography	4
Cartography	5
Mathematical & Computational Techniques	6
Geographic Information Systems (GIS)	7
Research methods	8
Project	9

### Five-Year Standard Programme

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
GSV 101	Introduction to Geoinformatics and Surveying I	2
<b>Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
PHY 104	Gen. Physics for Physical Science I	2
PHY 191	Practical Physics	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 103	Social Sciences I	2
		<hr/>
		18

#### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
GSV 102	Introduction to Geoinformatics and Surveying II	2
GSV 114	Geoinformatics and Surveying Practical	1
GSV 162	Computer Applications to Geoinformatics & Surveying I	2
URP 102	Nature of Environmental Sciences	2
<b>Ancillary Courses</b>		
PHY 105	Gen. Physics for Physical Sciences II	2
PHY 106	Gen. Physics for Physical Sciences III	2

MTH 122 Elementary Mathematics III

3

**General Studies Courses**

GSP 102 The Use of English II

2

GSP 104 Social Sciences II

2

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**Second Year**

**First Semester**

CODE TITLE

UNITS

**Major Courses**

GSV 211 Control Surveys

2

GSV 215 Field Surveying Practical I

1

GSV 213 Electromagnetic Radiation for Geoinformatics & Surveying I

2

GSV 251 Fundamental Cartographic Techniques

2

**Ancillary Courses**

PHY 242 Geometric Optics

2

COS 201 Computer Programming

2

MTH 203 Advanced Mathematics III

2

STA 203 Statistics for Physical Sciences & Engr. I

2

**General Studies Courses**

GSP 207 Humanities I

2

GSP 201 Basic Concepts and Theories of Peace and Conflicts

2

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**Service Course offered to other Departments**

GSV 201 Basic Land Surveying I

**Second Semester**

CODE TITLE

UNITS

**Major Courses**

GSV 214 Topographic Surveying

2

GSV 216 Field Surveying Practical II

1

GSV 232 Fundamental Photogrammetry

2

GSV 234 Practical Photogrammetry I

1

GSV 252 Methods of Data Presentation in Geoinformatics & Surveying

2

GSV 262 Computer Applications to Geoinformatics & Surveying II

2

**Ancillary Courses**

MTH 204 Advanced Mathematics IV

2

URP 112 Urban Development Planning

3

STA 206 Statistics for Physical Sciences & Engrs II

2

**General Studies Courses**

GSP 208 Humanities II

2

GSP 202 Issues in Peace and Conflict Resolution Studies

2

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**Service Course offered to other Departments**

GSV 202 Basic Land Surveying II

**Third Year**

**First Semester**

CODE TITLE

UNITS

**Major Courses**

GSV 311 Cadastral Surveying

2

GSV 317 Field Surveying Practical III

1

GSV 313 Electronics for Geoinformatics and Surveying

2

GSV 321 Geometric Geodesy

2

GSV 323 Map Projections

2

GSV 333 Satellite Remote Sensing I

2

GSV 361 Adjustment Computations I

2

GSV 371 GIS Design and Development I

2

Electives

4

19

**Electives/Optional Courses (4 Units)**

GSV 315	Electromagnetic Radiation for Geoinformatics and Surveying II	2
GSV 351	Graphic Designs in Map Making	2
LAW 335	Principles of Land Law	2
HPE 111	Basic Skill of Swimming and Water Safety	2
ESM 261	Introduction to Valuation II	2
ESM 201	Principles of Property Valuation	2

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

GSV 312	Engineering Surveying	2
GSV 314	Mining Surveys and Special Surveys	2
GSV 332	Analogue Photogrammetry	2
GSV 334	Practical Photogrammetry II	1
GSV 342	Hydraulics for Surveyors	2
GSV 362	Applied Mathematical Methods in Surveying	2
GSV 372	GIS Practical I	1
GSV 322	Potential Theory as Applied to Geodesy	2
Electives		4

18

**Electives/Optional Courses (4 Units)**

GSV 316	Surveying Applications in Oil Industry	2
ESM 262	Introduction to Valuation III	2

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

GSV 421	Geodetic Surveying	2
GSV 423	Geodetic Astronomy	2
GSV 425	Practical Geodetic Astronomy	2
GSV 431	Analytical Photogrammetry	2
GSV 441	Hydrographic Surveying I	2
GSV 443	Practical Hydrographic Surveying	1
GSV 461	Adjustment Computations II	2
GSV 471	GIS Design & Development II	2
GSV 473	GIS Practical II	1
GSV 481	Research Methods in Geoinformatics & Surveying	2
Elective		2

20

**Electives/Optional Courses (2 Units)**

GSV 315	Electromagnetic Radiation in Geoinformatics and Surveying II	2
GSV 451	Cartographic Techniques in Geoinformatics and Surveying	2
HPE 111	Basic Skill of Swimming and Water Safety	2
GEO 371	Principles of Geophysics	2

**Second Semester**

S I W E S (Students Industrial Work Experience Scheme)	15
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**Fifth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

GSV 511	Survey Laws and Regulations	2
GSV 521	Physical Geodesy	2
GSV 531	Aerotriangulation and Digital Photogrammetry	2
GSV 535	Practical Photogrammetry III	1
GSV 541	Hydrographic Surveying II	2
GSV 571	Geospatial Database Analysis and Presentation I	2
Electives		6

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**Electives/Optional Courses**

GSV 523	Navigation	2
GSV 543	Laws of the Sea	2
GSV 551	Small Scale Cartography	2
ACC 101	Elements of Account I	2
PHY 471	Meteorology	2
PHY 473	Physics of the Earth's Interior	2
MAN 301	Elements of Management	2
BF 221	Principles of Insurance	2
BF 311	Monetary Theory and Policy	2
URP 531	Environmental Impact Assessment	2

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

GSV 512	Professional Practices in Geoinformatics and Surveying	2
GSV 522	Space Geodesy II	2
GSV 532	Satellite Remote Sensing II	2
GSV 514	Cadastral & Land Information Management	2
GSV 572	Geospatial Database Analysis and Presentation II	2
GSV 592	Project	2

**Electives**

4

17

**Electives/Optional Courses**

GSV 542	Marine Surveying	2
PHY 472	Agronomy	2
BF 312	Banking Laws and Regulation	2

**Department of Urban and Regional Planning****Staff**

J. U. Ogbazi, B.Sc. (Iowa), M.Sc. (USA), Ph.D. (Enugu).	Professor
S. N. Uchegbu BA (USA) M.Sc. (USA), Ph.D. (Nigeria).	Professor
K. O. Efobi, B.Arc. (Nigeria), M.Sc.(Benin), Ph.D., (Nigeria)	Reader
D. C. Okeke, B.Sc., M.Sc. (Ife) Ph.D., (South Africa)	Reader
K. C. Ogboi, BURP, MURP, PGD, MBA (Nigeria), Ph.D.(Benin)	Senior Lecturer/Head
V. Onyebueke, BURP, MURP (Nigeria),PGD (Nothadan), Ph.D. (Stellenboosh)	Senior Lecturer
U Jiburum, BURP, PGD, MURP, Ph.D.(Nigeria).	Senior Lecturer
A. E. Okosun, BURP, MURP, Ph.D.,(Nigeria)	Senior Lecturer
M. U. Nwachukwu, BURP, MURP, Ph.D.(Nigeria)	Senior Lecturer
O. J Ubani, BURP, MURP, Ph.D.(Nigeria).	Senior Lecturer
N. H. Ezeadichie, BURP, MURP (Nigeria).	Lecturer 1
C. M. Anierobi, BURP, MURP (Nigeria)	Lecturer 1
E J Kanu, BURP, MURP (Nigeria).	Lecturer 1
G O Chukwurah, BURP (ESUT), MURP (Enugu) Ph.D.(Nigeria).	Lecturer 1
I F Ukonze, BURP, M.Sc.(Nigeria)	Assistant Lecturer
C.A.Onwuneme, BURP (Nigeria)	Graduate Assistant
E. E. A. Mokwuah, OND, HND,BA Law LLB (Nigeria), B. L	Chief Technical Officer
F. O.Igwe, Diploma (Public Admin), B.Sc., MBA(Nigeria)	Chief Executive Officer
N. O. Kanu, BURP, PGD (Enugu)	Principal Technologist
S. N. Okoh, HND.	Principal Executive Officer
V G Kanu, BURP (Nigeria).	High Technical Officer
D. C. Okorie, B.Sc.	High Technical Officer
O. C.Okoli, OND, HND	High Technical Officer
E. O.Mbazuigwe, OND, PGD,MPA (Nigeria)	Principal Confidential Secretary
J. O.Udeh, OND	Princ. Machine Room Supervisor
D. N. Mbata, Dip.Computer	Principal Typist

**Philosophy**

Urban and Regional Planning is a professional discipline, which embraces the management of the physical space and the environment. It is manifested in the spatial ordering and management of land uses at the local, urban and regional levels. This is accomplished within the framework of micro-economic resource allocation and political decision making. Urban and Regional Planning therefore, requires comprehensive theoretical and practical education and training in the planning, designing and management of the total environment. It also requires an understanding of societal needs, goals and objectives.

### Objectives

The programme is aimed at providing students with a sound and broad-based education in Urban and Regional Planning with particular reference to the Nigerian situation. This is with a view to equipping them adequately for careers in various areas of planning. The programme is also aimed at preparing students for careers in planning research and in other planning related activities.

### Scope

For the standard 5-year and 4-year undergraduate programmes, the students are first introduced to the multi-disciplinary perspectives of Urban and Regional Planning and thereafter are exposed to areas of specialization such as Transportation Planning; Tourism Planning and Development; Housing and Community Development; Recreation Facility Planning; Regional/Rural Development Planning; Development Control; Environmental Management; Conservation and Preservation, and Social Services and Planning and research towards the penultimate and final years. Practical training in professional planning firms and government departments is an essential prerequisite for graduation.

### Entry Requirements

In addition to the general University entry requirements, applicants for admission through UME examination must have credit level passes in at least 5 subjects at the Senior Secondary School Certificate (SSSC) level or its equivalent. The subjects should include English Language, Mathematics, and any three subjects selected from the following: Economics, Government, Fine Art, Geography, Technical Drawing, Physics, Chemistry, Agricultural Science and Biology.

For admission by direct entry, candidates must have one of the following qualifications:

- (c) Upper credit level passes in OND (Ordinary National Diploma) examination in Town Planning or its equivalent, in addition to 5 credit level passes in GCE/OL subjects as for UME candidates.
- (d) G.C.E. Advanced Level passes in Mathematics, Geography and one subject from the following: Economics, Government, Fine Arts, Technical Drawing, Physics, Chemistry and Biology in addition to two other subjects passed at credit level in the WASC/GCE (O/L) or NECO.

The two GCE/OL subjects must include English Language and one of the above subjects not already passed at the GCE Advanced Level.

Direct entry candidates who are admitted into the second year of the programme are required to makeup for any deficiency in their background. Transfer students from other Universities would be treated on their own merit and in line with the University regulations.

### Job Opportunities

Graduates of the programme are eligible for registration with the Town Planners Registration Council of Nigeria, and for membership of the Nigerian Institute of Town Planners. Employment opportunities exist for them in both the public and private sectors of the economy.

### Stress Areas

Introductory Courses	0
Planning Theory	1
Land Use Studies	2
Planning Techniques	3
Planning Design	4
Planning Studio	5
Professional Practice	6
Applied Sciences & Humanities	7
Seminar	8
Project	9

### Five-Year Standard Programme

#### First Year

**First Semester**

CODE	TITLE	UNITS
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**Major Courses**

URP 101	Basic Elements of Planning	3
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**Required Ancillary Courses**

ARC 121	Architectural Graphics I	2
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GEO 103	Fundamentals of Human Geography I	2
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MTH 111	Elementary Mathematics I	3
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PSC 101	Introduction to Political Science I	2
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SOC 101	Introduction to Sociology	2
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ECO 101	Principles of Economics I	2
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OR

MAN 141	Elements of Business Economics I	3
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**General Studies Courses**

GSP 101	The Use of English I	2
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GSP 105	Natural Science I	2
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GSP 111	Use of Library	2
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 20/21
**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

URP 102	Nature of Environmental Sciences	2
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URP 112	Urban Development Planning	3
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URP 114	History of Cities & Planning	3
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URP 116	Population and Urbanization Studies	2
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URP 152	Urban Planning Studio I	3
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**Required Ancillary Course**

GEO 212	Geomorphological Processes and Forms	2
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**General Studies Courses**

GSP 102	The Use of English II	2
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GSP 106	Natural Science II	2
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 19
**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

URP 241	Site Selection, Planning & Design I	2
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**Required Ancillary Courses**

ARC 233	Introduction to Architectural Design I	3
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ARC 261	Building Components & Methods I	2
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COS 101	Introduction to Computer Science	2
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ESM 211	Land Economics I	2
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MTH 121	Elementary Mathematics II	3
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STA 201	Statistics for Social Sciences I	2
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SVY/GSV 201	Basic Land Surveying I	2
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**General Studies Course**

GSP 207	Humanities I	2
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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

URP 222	Housing Process I	2
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URP 232	Quantitative Techniques & Research in Planning	3
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URP 252	Urban Planning Studio II	3
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URP 262	Planning Law	2
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**Required Ancillary Courses**

ARC 202	Introduction to Measurements & Description	2
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ARC 262	Building Components & Methods II	2
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ESM 212	Land Economics II	2
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SVY/GSV202	Basic Land Surveying II	2
<b>General Studies Course</b>		
GSP 208	Humanities II	2
GSP 202	Peace and Conflict Resolution	2
		<hr/> 20
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
URP 310	Fundamentals of Urban & Regional Planning	2 *
URP 311	Rural Development Planning	2
URP 321	Housing Process II	2
URP 323	Land use & Resources Planning Theory	2
URP 325	Traffic & Transportation Planning Theory I	2
URP 331	Computer Applications in Planning	2
URP 351	Urban Planning Studio III	3
URP 371	Natural Resources & Environmental Planning	2
CED 341	Introduction to Entrepreneurship	-
<b>Required Ancillary Course</b>		
ESM 363	Property Valuation	2
<b>Electives (2 units from electives)</b>		
ARC 515	Design Economics & Cost Planning	2
LAW 335	Principles of Nigerian Land Law I	2
PHL 101	Introduction to Philosophy	2
PSY 101	Principles of Psychology	2
		<hr/> 19
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
URP 312	Regional Development Planning	2
URP 324	Industrial Development Planning & Urban Economics	2
URP 326	Traffic & Transportation Planning II	2
URP 332	Project Planning & Evaluation	3
URP 342	Landscape Planning and Design	3
URP 352	Urban Planning Studio IV	3
URP 382	Research Methods in Urban & Regional Planning	2
CED 342	Introduction to Entrepreneurship	-
<b>Electives (3 units from electives)</b>		
CE 552	Highway Engineering	3
LAW 336	Principles of Nigerian Land Law II	2
STA 204	Statistics for Social Sciences II	2
<b>Total</b>		<hr/> 20
* Service course for students of other departments		
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
URP 421	Public Utilities & Services	2
URP 431	Urban Renewal Techniques	3
URP 441	Urban Design Theory	2
URP 443	Site Selection, Planning and Design II	2
URP 451	Urban Planning Studio V	3
URP 461	Management and Planning	2
<b>Required Ancillary Course</b>		
LAW 243	Principles of law of Contract and Tort I	3
<b>Electives (2 or 3 units from electives)</b>		
MAN 200	Theory and Techniques of Administrative Management	3
MAN 430	Introduction to Operations Research	3
PSY 101	Principles of Psychology	2



		Programmes	621
URP 471	Pollution and Control Measures		3
			<u>19/20</u>
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
URP 462	Students Industrial Work Experience Scheme (SIWES)		15
<b>Fifth Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
URP 511	Advanced Planning Theory and Process		3
URP 513	Advanced Regional Planning Theory		3
URP 551	Regional Planning Studio		3
URP 561	Professional Practice I		2
URP 581	Independent Study Report on Nigeria		2
<b>Electives (6 units from electives)</b>			
URP 521	Advanced Housing Studies		3
URP 523	Tourism Planning and Development		3
URP 541	Advanced Landscaping Design		3
URP 543	Preservation and Conservation		3
			<u>19</u>
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
URP 522	Recreation Planning		2
URP 532	Environmental Impact Assessment		3
URP 552	Urban Planning Studio VI		3
URP 562	Professional Practice II		2
URP 564	Planning Control and Administration		2
URP 582	Seminar		2
URP 592	Project		6
<b>Electives (3 units from electives)</b>			
URP 524	Advanced Traffic & Transportation Planning		3
URP 544	Advanced Urban Design Theory & Practice		3
URP 572	Urban Planning & Social Service Systems		3
			<u>23</u>



Senior Administration officials with  
Pharmacists visiting from the USA

**Faculty of Health Sciences and Technology****Dean's Office****Staff**

I.O. Ehiemere, RN, RM, B.Sc., M.Sc. (Ibadan), Ph.D. (Nigeria), FWACN	Professor
P.U. Achukwu, BMLS, AIMLS, FIMLS, LL.B, B.L., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
G. U. Ogakwu, B.Ed. (Nigeria), M.Ed. (Port-Harcourt)	Senior Assistant Registrar
C. D. S. Ebue. B. Sc. (Unimaid), MBA (Calabar)	Assistant Registrar
U. M. Aneke., B.Sc., (Anambra) M.Sc., (Enugu)	Principal Executive Officer II
A. O. Nwagbo., B.Sc.	Principal Executive Officer II

**Department of Health Administration and Management****Staff**

E.O. Onwujekwe, MBBS (Nigeria), M.Sc. (Chula), Ph.D. (London), DLSHTM. CHM. (Basel)	Professor
I.L. Okoronkwo, B.Sc. (Nigeria), M.Sc., MBA, PGD., PH.D. (London)	Professor/ Head, 2012-2017
O.G. Ochonma., B.Sc., M.Sc., MBA, Ph.D. (Nigeria)	Senior Lecturer/Ag. Head
S.B. Eze, B.Sc., M.Sc. (Nigeria), M.Sc. (London), Diploma (United Kingdom)	Senior Lecturer
E.I. Etiaba, MBBS (Nigeria), M.Sc., PHDC, Diploma PHDC (London) VTS- Lecturer I	
GEN. Practice (United Kingdom)	
C.N. Okolo, MBBS (Nigeria), M.Sc. (London), MPH. (Netherlands), MBA, Lecturer I	
CIRM, CPCE (United Kingdom)	
C.I. Okoli, B.Sc., M.SC. (Nigeria), MPH. (South Africa)	Lecturer I
C.A. Nwankwor, MBBS (Nigeria), M.Sc. (United Kingdom)	Lecturer I
C.C. Ezenduka., BPHARM., MBA (Nigeria), M.Sc. (Spain), Ph.D. (Nigeria), Lecturer I	
PGD (United Kingdom)	
I.N. Arize, B.Sc., M.SC., MBA (Nigeria), M.SC. IT (United Kingdom)	Lecturer II
E. Obikeze, B.Sc., M.Sc. (Nigeria), M.SC. (London)	Lecturer II
O.A. Ife, B.Sc. (Nigeria)	Principal Executive Officer II
E.O. Esom, B.Sc. (Nigeria)	Higher Technical Officer II
A.I. Udeh, B.Sc. (Nigeria)	Higher Technical Officer II
L.O. Chigbu, B.Sc. (Nigeria)	Higher Technical Officer II
H.A. Chime, B.Sc. (Nigeria)	Principal Confidential Secretary I

**Philosophy**

There is lack of capacity in health management, economics and policy in Nigeria and most sub-Saharan African (SSA) countries. There is also the lack of adequately trained as well as academically equipped health management professionals to man management positions in the ministries of health, health organizations and services in Nigeria. The Department offers various Postgraduate programmes to help provide the needed capacity.

**Department of Medical Laboratory Science****Staff**

N.F. Onyemelukwu, B.Sc. (Nigeria), Fi Biol (London), M.Sc., Ph.D. (Nigeria)	Professor/Head, 2014-2017
P.U. Achukwu, B.MLS, LLB, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
C.N. Okwusa, B.MLS, M.Sc., Ph.D. (Nigeria)	Senior Lecturer/Ag. Head
T.K.C Udeani, F.I.MLS, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
S.A. Ufelle, B.Sc., PGD, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
N.C. Azubike, B.MLS, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
E.A. Onyebueke, B.Sc., PGD, MBA, AIMLT, M.Sc., Ph.D. (Nigeria)	Lecturer I

O.C. Dozie-Nwakile, B.MLS, B.Pharm., M.Sc., Ph.D. (Nigeria)	Lecturer I
E.D. Ezigbo, B.MLS, M.Sc., Ph.D. (Nigeria)	Lecturer I
U.C. Maduakor, Bsc, PGDE, M.Sc., Ph.D. (Nigeria)	Lecturer I
U.O. Chijioke, D.VM, M.BA, M.Sc., Ph.D. (Nigeria)	Lecturer I
B.C. Eluke, BMLS, M.Sc., PhD (Nigeria)	Lecturer I
I.K. Uchendu, B.MLS (Nigeria), M.Sc. (England Bristol)	Lecturer I
S.O. Onwukwe Okechukwu, B.MLS (Nigeria), M.Sc. (Cranfield)	Lecturer I
N. Uzoewulu, B.MLS; MSc, Ph.D. (Nigeria)	Lecturer I
E.N. Okafor, B.Sc., PGD, M.Sc., Ph.D. (Nigeria)	Lecturer I
I.P. Udoh, B.Sc. (Uyo), M.Sc., Ph.D. (Nigeria)	Lecturer I
I.N. Okonkwo, B.MLS, PGD, M.Sc. (Nigeria)	Lecturer II
C.O. Ogu, BMLS, MBBS, M.Sc. (Nigeria)	Lecturer II
C.I. Ikegwuonu, B.MLS, M.Sc. (Nigeria)	Lecturer II
I.C. Uzoma, B.MLS, M.Sc. (Nigeria)	Lecturer II
A.O. Onyemelukwe, B.MLS, M.Sc. (Nigeria)	Lecturer II
J.I. Chukwu, B.MLS (Nigeria), M.Sc. (Glasgow Caledonian)	Lecturer II
S. Aladenika, B.MLS (Ambrose Ali), M.Sc. (Igbinedion)	Lecturer II
I.M. Ifeorah, B.MLS, M.Sc. (Nigeria)	Lecturer II
C.I. Anioke, B.MLS (Nigeria), M.Sc. (Leeds Berket)	Lecturer II
C.E. Okenwa, BMLS (Ambrose Ali), M.Sc. (Birmingham)	Lecturer II
O.C. Orji, B.MLS (Nigeria)	Graduate Assistant
E.B. Nnedu, B.MLS (Nigeria)	Graduate Assistant
U.C. Okongwu, B.MLS (Nigeria)	Graduate Assistant
A.C. Uchenna, B.MLS (Nigeria)	Graduate Assistant
I. Ekeigwe, B.MLS (Nigeria)	Graduate Assistant
C.A. Okafor, B.MLS (Nigeria)	Graduate Assistant
S.O. Ureme, AIMLS, FIMLS, M.Sc. (Nigeria)	Chief Medical Lab Scientist
U.C. Odoh, AIMLS, MMLS, M.Sc. (Nigeria)	Chief Medical Lab Scientist
V.N. Emenuga, AIMLS, PGD, M.Sc., MPH, Ph.D. (Nigeria)	Principal Med Lab Scientist
C.U. Chinweuba, AIMLS, PGD (Nigeria)	Principal Med Lab Scientist I
O.M. Okeh, AIMLS, PGD (Nigeria)	Principal Med Lab Scientist I
C.M. Ezeani, B.MLS, M.Sc. (Nigeria)	Principal Med Lab Scientist
K.C. Chukwuemeka, B.MLS (Nigeria)	Medical Lab Scientist II
C.I. Nlemadim, B.MLS (Nigeria)	Medical Lab Scientist II
C.F. Onwuka, B.MLS (Nigeria)	Medical Lab Scientist II
O.A. Okeke, B.MLS (Nigeria)	Medical Lab Scientist II
O.N. Okwumuo, B.MLS (Nigeria)	Medical Lab Scientist II
C. Ikenna-Ossai, B.Sc., M.Sc., M.Phil. (Nigeria)	Medical Lab Scientist II
A. Akunwanne, B.Sc. (Nigeria)	Medical Lab Scientist I
N.A. Obi-Ofiaeli, B.MLS (Ebonyi)	Medical Lab Scientist I
L.N. Agbakwa, B.Sc. (Imo)	Medical Lab Scientist I
E.O. Meregin, HND, ND	Chief Conf. Sec
N. Kelle, Diploma, B.Sc.	Principal executive Officer
N.A. Asogwa, BSc (Nigeria)	Chief Lab Supervisor
C. Iho, HND, ND	Senior Lab Supervisor
O. Ogbu,	Senior Lab Supervisor
A. Akalazu, HND (Enugu)	Higher Technical Officer II
C.G. Nwagu-Okoko, HND	Higher Technical Officer II
O.V. Okwu, B.Sc. (Nigeria)	Higher Technical Officer II
D.B. Udeh, B.Sc. (Nigeria)	Higher Technical Officer

### Historical Background

The History of Medical Laboratory Science, Faculty of Health Science and Technology, College of Medicine, University of Nigeria, Enugu Campus is unique. It was set up as a novel Department in the 1983/84 Academic Session in the Faculty of Health Science and Technology (itself a novel Faculty) to tackle problems of the rapidly expanding health-care programmes of Nigeria. The Department is geared towards an in-depth scientific knowledge in techniques employed in the diagnosis of diseases as well as their broad based application to cater for the Primary Health Care needs of a developing country like Nigeria.

This novel idea was concretized in the setting up of the Department of Medical Laboratory sciences

in the 1983/84 Academic Session with the approval of the National Universities Commission (NUC). The curriculum for a 5-year Bachelor's Degree Programme in Medical Laboratory science B.MLS) was drawn up with the achieve participation of the parent professional body – the Medical Laboratory Council of Nigeria. Products of this programme obtain automatic registration with the Medical Laboratory science Council of Nigeria.

The Department of Medical Laboratory science offer courses leading to B.MLS degree in Medical Laboratory science. Admission is by Entrance Examination (JME) and direct entry. Students offered admission by Entrance Examination undergo a five (5) year degree programme while those for direct entry undergo a four (4) year degree programme.

#### Philosophy, Objectives and Scope of Programme

The philosophy of the Department is in line with the philosophy of University Education in Nigeria. It is aimed at exposing the students to sound knowledge of the theory and practice of Medical Laboratory sciences. Students are exposed to the application of Medical Laboratory sciences in key areas such as Medicine, Food and Beverages, and Pharmaceutical Industries as well as utility Departments (e.g. Water Corporations).

The courses offered are designed to expose the student to core areas like Clinical Chemistry, Haematology & Blood transfusion science, Histopathology, Medical Microbiology, Immunology/Immunochemistry, Instrumentation, and Pharmacology.

Students are required to broaden their knowledge in their core areas by taking ancillary courses in Chemistry, Mathematics, Statistics, Biochemistry, Anatomy, Physiology and Biology. They are also expected to be able to modify existing techniques; understand the working of laboratory instruments, modify them or fabricate new ones.

The practical aspect of the degree programme prepares the students to fit into any diagnostic laboratory in hospitals, research Institutes, Food Laboratories and other allied fields; e.g. Pharmaceutical Industries, Breweries etc., or equipment fabrication industries, or be self-employed.

On the successful completion of the five (5) year degree programme, students obtain an automatic registration with the Medical Laboratory science Council of Nigeria. This registration enables them take up careers in Medical Laboratory science as Medical Laboratory Scientists, in Teaching and Specialist Hospitals, Government Hospitals, Primary Health Care Centres, Research Centres, Private Health Centres, Private Establishments and Quality control Units of Industries. They have job opportunities as Research Scientists, Teachers in Institutions of Higher Learning or they can become employers of labour, by establishing their own diagnostic/research laboratories or instrument maintenance/fabrication centres. They also ensure quality assurance and uphold accountability to professional practice

#### ENTRY REQUIREMENTS

##### a) Admission is through JAMB.

Candidates must have satisfied the minimum University requirements for admission and are required to obtain credits in English Language, Chemistry, Biology, Physics, and Mathematics in the Senior Secondary School Certificate (SSSC) or equivalent.

##### b) Direct Entry may be considered for:

- i) Candidates holding three papers at the Advanced Level in Physics, Chemistry and Biology in addition to satisfying the minimum requirement for admission through JAMB.
- (ii) A good Bachelor's degree in a relevant discipline (Biochemistry, Microbiology, Physiology, Anatomy, etc) with a minimum of second class honours lower division in addition to satisfying the minimum requirement for admission through JAMB.
- iii) Any other qualification adjudged acceptable by the Departmental Admission Board.

#### Duration of Course

The duration of the B.MLS degree course is 5 years for JAMB candidates and 4 years for Direct Entry candidates.

#### Stress Areas

Medical Laboratory	0
Clinical Chemistry	1
Haematology	2
Histopathology	3
Medical Microbiology	4
Immunology	5
Project	6

**Standard B.MLS Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
<b>Required Ancillary Courses</b>		
CHM 101	Basic Principles of Chemistry I	2
CHM 171	Basic Practical Chemistry	2
PHY 101	General Physics for Life Science I	2
PHY 191	Practical Physics I	2
BIO 101	Genetics for Medical Students	2
BIO 151	General Biology I	3
MTH 111	Elementary Mathematics I	3
<b>General Studies Courses</b>		
GSP 101	The Use of English	2
GSP 103	Social Science	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
<b>Required Ancillary Courses</b>		
CHM 111	Basic Principles of Chemistry II	2
CHM 121	Basic Principles of Chemistry III	2
PHY 102	General Physics for Life Science II	2
PHY 103	General Physics for Life Science III	2
BIO 152	General Biology II	3
BIO 153	General Biology (Practical)	2
<b>General Studies Courses</b>		
GSP 102	The Use of English	2
GSP 104	Social Science	2
		<hr/> 17

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MLS 201	Introduction to Medical Laboratory science	3
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
PSY 201	General Principles of Physiology and Blood	2
PSY 202	Muscle Nerves and Autonomic Nervous System	2
BIC 202	Chemistry of Biological Molecules and Biochemical Catalysis	3
ANA 201	Gross Anatomy I	3
ANA 225	General Histology and Cytology	2
<b>General Studies Course</b>		
GSP 207	Humanities	2
		<hr/> 19

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
<b>Required Ancillary Courses</b>		
BIC 203	Bioenergetics, Metabolism and Inborn Errors of Metabolism	3
BIC 212	Laboratory Exercises	3
PSY 204	Cardiovascular and Respiratory Physiology	3
ANA 202	Gross Anatomy II (Pelvis, Perineum, Lower Limb)	3
ANA 226	Systemic Histology I	2
<b>General Studies Courses</b>		
GSP 207	Humanities	2
		<hr/> 16

**Third Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MLS 311	Fundamentals of Clinical Chemistry	3
MLS 321	Fundamentals of Haematology	3
MLS 331	Basic Histopathology	3
MLS 341	Fundamentals of Medical Microbiology	3
MLS 351	Introductory Medical Immunology	2
ANA 301	Gross Anatomy III (Head, Neck, and Neuroanatomy)	2
ANA 323	Systemic Histology II	1
ANA 327	Practical Histology	1
<b>Required Ancillary Courses</b>		
BIC 302	Special Topics in Biochemistry	3
PSY 310	Endocrinology & Reproductive Physiology	2
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MLS 301	Laboratory Posting I	3
MLS 322	Principles of Blood Group Serology	3
MLS 342	Fundamentals of Parasitology	3
MLS 343	Practical Exercises I	4
<b>Required Ancillary Courses</b>		
COMED 351	Biostatistics in Health Science	3
PCOL 360	Basic Pharmacology & Toxicology	3
		<hr/> 19

**Fourth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MLS 401	Medical Laboratory Practice	2
MLS 411	Biochemical Instrumentation and techniques	3
MLS 421	Haematology I	3
MLS 431	Histopathology I	3
MLS 441	Medical Microbiology I	3
MLS 444	Basic Bacteriology & Mycology	2
MLS 471	Forensic science	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MLS 402	Biomedical Engineering	2
MLS 403	Laboratory Posting II	3
MLS 412	Clinical Chemistry I	2
MLS 422	Blood Group Serology I	2
MLS 451	Immunology I	2
MLS 443	Medical Virology I	2
MLS 481	Molecular Biology	2
MLS 442	Medical Entomology	2
		<hr/> 17

**Fifth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MLS 501	General Medical Laboratory science	3
MLS 502	Laboratory Posting III	4
MLS 511	Clinical Chemistry II	2
MLS 513	Endocrinology	2
MLS 521	Haematology II	4

MLS 531	Histopathology II	2
MLS 533	Exfoliative cytology & Cytogenetics	2
MLS 541	Medical Microbiology II	4
MLS 551	Immunology II	4
		<hr/> 15

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
MLS 503	Practical Exercises II	3
MLS 512	Clinical Chemistry III	2
MLS 514	Enzymology	2
MLS 522	Blood Group Serology	2
MLS 532	Histopathology III	2
MLS 542	Medical Microbiology III	2
MLS 552	Immunology III	1
MLS 561	Project	3
MLS 562	Seminar	2
		<hr/> 19

**Department of Medical Radiography & Radiological Sciences****Staff**

K.K. Agwu, B.Sc., M.Sc., B.Sc. Equiv. (Surrey), DCR. (London)	Professor
F.U. Idigo, B.Sc. M.Sc. Ph.D. (Nigeria)	Senior Lecturer
C.U. Eze, B.Sc. M.Sc. Ph.D. (Nigeria)	Senior Lecturer
S.O.I. Ogbu, B.Sc. M.Sc. Ph.D. (Nigeria)	Senior Lecturer/Ag. Head
M.C. Okeji, B.Sc. M.Sc. Ph.D. (Nigeria)	Senior Lecturer
A.C. Anakwue, B.Sc. M.Sc. Ph.D. (Nigeria)	Senior Lecturer
U.I. Nwadike, B.Sc. PGD. M.Sc. Ph.D. (Nigeria), DCR. (London)	Lecturer I
U.B. Nwogu, B.Sc. M.Sc. Ph.D. (Nigeria)	Lecturer I
E.O. Abonyi, B.Sc. M.Sc. (Nigeria)	Lecturer II
J.A. Agbo, B.Sc. M.Sc. (Nigeria)	Lecturer II
S.W.I. Onwuzu, B.Sc. M.Sc. (Nigeria)	Lecturer II
U.B. Maduka, B.Sc. M.Sc. (Nnewi)	Lecturer II
I.S. Ozoemelam, B.Sc. (Nigeria), M.Sc. (Germany)	Lecturer II
N.E. Duru, B.Sc. (Nigeria)	Chief Confidential Secretary
F.A. Okechukwu, B.Sc. (Nigeria)	Higher Technical Officer II
C.M. Nwankwo, B.Sc. (Nigeria)	Higher Technical Officer II

**Brief History of the Department**

The Department of Medical Radiography and Radiological Sciences was established in 1982/83 academic session under the Faculty of Health Sciences and Technology. The first admission of students into the programme was in 1983/1984 academic session. At inception, the department was known as the Department of Radiography till 1991 when the name was changed to the Department of Medical Radiography and Radiological Sciences and the curriculum was revised, as the University changed from the term to the semester system.

The curriculum was developed in 1983 with a team of experts drawn from the Association of Radiographers of Nigeria, Association of Radiologists of West Africa, Federal Ministry of Health and other relevant bodies. It was approved in 1984 by the University Senate. The curriculum has been revised thrice to keep abreast with new concepts in medical imaging in line with the demand of our professional body and the National Universities Commission's (NUC) minimum standards.

The Department has been offering a five year standard B.Sc. Degree Programme in Medical Radiography and Radiological Sciences. It will now offer a standard five year programme leading to the award of Bachelor of Medical Radiography and Radiological Sciences (B.Rad).

**Philosophy**

Medical Radiography and Radiological Sciences, which deals with the use of ionizing radiation (including X-rays) and other forms of radiant energy in the diagnosis, treatment and management of diseases, is an indispensable arm of modern medical sciences and the pivot of modern diagnostic medicine. The department believes that the great rapid scientific and technological advances and progress of the past few decades especially in medical and radiological sciences and technology can only be fully and effectively harnessed for optimum practical application and utilization with enhanced university level educational training.



High level scientific training is a major pre-requisite for proper understanding and efficient application of the sophisticated technology in this field of learning.

### Objectives

This programme is designed to attain the following objectives.

1. To train radiographers and radiological scientists with sufficient and relevant scientific and technological skills with high degree of competence and safety in the practice of radiography at the primary, secondary and tertiary levels of health-care delivery.
2. To train radiographers and radiological scientists with sufficient interpersonal and interdisciplinary skills to function as members of the health care team.
3. To empower radiographers and radiological scientists with proficiency to carry out research, manage materials and human resources, and also acquire adequate techniques and skills to fabricate components.

### Scope

The programme includes the following: Diagnostic Radiography, Medical Ultrasound Imaging, Radiotherapy and Oncology, Nuclear Medicine Sciences, Magnetic Resonance Imaging (MRI), Computed Tomography (CT), Medical Radiological Physics, Radiation Protection/Radiobiology, Radiographic Imaging Processes, Radiological Instrumentation, Radiological Health Management and Radiological Education.

### Entry Requirements

The Department admits students by Unified Tertiary Matriculation Examination (UTME) for the five year standard Programme and Direct Entry for the four year programme.

#### (i) UTME

The minimum requirements for admission into the College of Medicine of the University are also applicable to the Department of Medical Radiography and Radiological Sciences. These include five O'Level credit passes at not more than 2 sittings in Physics, Chemistry, Biology, English Language and Mathematics in Senior Secondary School Certificate or its equivalent, plus an appropriate pass in the UTME and any other examination that may be conducted by the University.

#### (ii) Direct Entry

Direct entry candidates will join the programme in second year.

(a) Candidates for direct entry must possess at least two G.C.E. "A" Level passes in Physics, Chemistry or Biology, plus 5 credits at "O" level as defined in UTME admission above.

(b) Other qualifications: B.Sc. or M.Sc. Degree in relevant fields in addition to an acceptable pass in any other examination that may be conducted by the University.

### Job Opportunities

There are abundant job opportunities for graduate Medical Radiographers and Radiological Scientists in Teaching Hospitals, General Hospitals, Specialist Hospitals, Health Clinics, private establishments, self-employed establishments and in related Industries in Nigeria and abroad. Job prospects will continue to increase with the fast expansion of the Healthcare System and advancement in Medical Imaging Technology. Academic and research positions in institutions of higher learning are fertile grounds for the academically inclined professional Medical Radiographers and Radiological Scientists.

### Stress Areas

Foundation Courses	0
Medical Radiographic Equipment	1
Radiographic Imaging Processes	2
Clinical Radiographic Procedures	3
Hospital Practice and Healthcare System	4
Radiographic Anatomy and Physiology	5
Advances in Medical Imaging Modalities	6
Radiation Therapy Technology	7
Medical Radiographic Pathology	8
Research Methods, Seminar/Project	9

### Standard Five-Year Undergraduate (B.Rad) Programme

#### First Year

##### First Semester

CODE	TITLE	UNIT S
<b>Required Ancillary Courses</b>		
BIO 101	Genetics for Medical Students	2
BIO 151	General Biology I	3
CHM101	Basic Principles of Inorganic Chemistry	2
CHM171	Basic Practical Chemistry	2
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
PHY 111	General Physics for Life Sciences I	2
PHY 195	Practical Physics I	2
<b>General Studies Course</b>		
GSP 101	The Use of English I	2
		21
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<b>Second Semester</b>		
CODE	TITLE	UNIT S
<b>Required Ancillary Courses</b>		
BIO 152	General Biology II	3
BIO 154	General Biology (Practical)	2
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
PHY 112	General Physics for Life Sciences II	2
PHY 114	General Physics for Life Sciences III	2
ZEB122	Basic Parasitology for Medical Students	2
<b>General Studies Course</b>		
GSP 102	The Use of English II	2
		17
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<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNIT S
<b>Major Courses</b>		
RAD 201	Basic Physics in Radiology	2
RAD 231	Introductory Radiographic Procedures I	2
RAD 241	Hospital Practice and Basic Care of Patient	2
<b>Required Ancillary Courses</b>		
ANA 221	Gross Anatomy I	2
BIC 203	Chemistry of Biomolecules	2
COS 101	Introduction to Computer Science	2
NSC 211	Nursing in Radiology	2
PYS 201	General Physiology and Blood	2
PYS 203	Excitable Tissues	2
<b>General Studies Course</b>		
GSP 201	The Social Sciences	2
		20
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<b>Second Semester</b>		
CODE	TITLE	UNIT S
<b>Major Courses</b>		
RAD 202	Radiation Physics	2
RAD 242	Psychology for Radiography	2
RAD 244	Hospital Practice Posting	2
<b>Required Ancillary Courses</b>		
ANA 222	Gross Anatomy II	2
ANA 232	Histology and Histochemistry (Theory)	2
ANA 223	Embryology and Genetics	2
BIC 204	Bioenergetics, Metabolism & In Born Errors of Metabolism	3
PYS 202	Renal and Gastrointestinal Physiology	2
PYS 204	Cardiovascular and Respiratory Physiology	2

**General Studies Course**

GSP 202	Issues in Peace and Conflict Studies	2
		<hr/> 21

**Third Year****First Semester**

CODE	TITLE	UNIT S
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**Major Courses**

RAD 301	Radiobiology, Radiation Protection and Dosimetry	3
RAD 331	Radiographic Techniques I	3
RAD 351	Radiographic Anatomy and Physiology I	2

**Required Ancillary Courses**

ANA 301	Gross Anatomy III	2
COM 351	Biostatistics in Health Technology	2
LAW 151	Medical Jurisprudence, Ethics and Contract	2
PYS 301	Endocrinology and Reproduction	2

**General Studies Course**

GSP 207	Humanities II	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNIT S
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**Major Courses**

RAD 312	Radiographic Equipment I	2
RAD 322	Radiographic Imaging Processes I	3
RAD 332	Radiographic Techniques II	3
RAD 334	Clinical Posting I	3
RAD 352	Radiographic Anatomy and Physiology II	2

**Required Ancillary Courses**

PAT 332	Introductory Pathology	2
PYS 302	Nerves, Muscles and CNS	2

**General Studies Course**

GSP 208	Humanities II	2
		<hr/> 19

**Fourth Year****First Semester**

CODE	TITLE	UNIT S
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**Major Courses**

RAD 411	Radiographic Equipment II	2
RAD 421	Radiographic Imaging Processes II	2
RAD 431	Radiographic Techniques III	3
RAD 433	Clinical Posting II	4
RAD 441	Radiological Health Management	1
RAD 461	Ultrasound Imaging	2
RAD 463	Computed Tomography	2
RAD 481	Radiographic Pathology	2

**Required Ancillary Courses**

CED 341	Introduction to Entrepreneurship	2
PHM 361	Basic Pharmacology and Toxicology	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNIT S
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**Major Courses**

RAD 412	Radiographic Equipment III	2
RAD 422	Radiographic Imaging Processes III	2
RAD 432	Radiographic Techniques IV	3
RAD 434	Clinical Posting III	4

RAD 462	Magnetic Resonance Imaging	2
RAD 464	Radionuclide Imaging and Thermography	2
RAD 492	Research Methodology	2
<b>Required Ancillary Courses</b>		
CED 342	Business Development and Management	2
NSC 422	Concepts of Community Health	2
		21

**Fifth Year****First Semester**

CODE	TITLE	UNIT S
<b>Major Courses</b>		
RAD 511	Radiographic Equipment IV	2
RAD 521	Radiographic Imaging Processes IV	2
RAD 531	Radiographic Techniques V	3
RAD 533	Clinical Posting IV	4
RAD 551	Image Critique and Pattern Recognition	2
RAD 571	Radiotherapy/Oncology I	2
RAD 591	Seminar	2
		17

**SECOND SEMESTER**

Course Code	Course Title	Units
<b>Major Courses</b>		
RAD 512	Radiographic Equipment V	2
RAD 514	Quality Assurance	1
RAD 522	Radiographic Imaging Processes V	2
RAD 532	Radiographic Techniques VI	3
RAD 534	Clinical Posting V	4
RAD 572	Radiotherapy/Oncology II	2
RAD 592	Project	4
		18

**Department of Medical Rehabilitation****Staff**

G.C. Okoye, M.B.B.S (Lagos), M.Sc., Ph.D. (Glasgow)	Professor
C. I. Ezema, BMR, M.Sc., Ph.D. (Nigeria), Ph.D. (Abakaliki)	Senior Lecturer/Head
S. I. Ibeneme, B.M.R., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
S.E. Igwe, B.M.R (Nigeria), M.Sc. (Nigeria), Ph.D. (Nigeria)	Senior Lecturer
A.O. Ezukwu, B.M.R. (Nigeria), M.Sc. (Ibadan), Ph.D. (Benin)	Senior Lecturer
C.C. Anyachukwu, B.Sc. (B.M.R), M.Sc. (Nigeria)	Lecturer 1
U.A. Ezugwu, B.M.R.(PT) (Nigeria) M.Sc. (Nigeria), Ph.D. (Enugu)	Lecturer 1
C. N. Igwesi, B.M.R.(PT) (Lagos), M.Sc. (Nigeria) Ph.D. (London)	Lecturer 1
N. E. Ekechukwu, B.M.R(PT)(Nigeria), M.Sc. (Ibadan ), Ph.D. (Ibadan)	Lecturer 1
U.O. Abaraogu, B.M.R.(PT) (Nigeria), M.Sc. (Lagos)	Lecturer 1
P.C. Ojukwu, B.M.R.(PT)(Nigeria), M.Sc. (PT) (Nigeria), Ph.D. (Nigeria)	Lecturer 1
S.C. Chukwu, B.M.R, M.Sc. (Nigeria)	Lecturer II
G.C. Ojinnaka, B.M.R.(PT)(Nigeria), M.Sc. (Texas)	Lecturer II
J.V. John, B.M.R. (Nigeria), M.Sc. (Lagos)	Lecturer II
O.C. Okezue, B.M.R.(PT) (Nigeria), M.Sc. (United Kingdom)	Lecturer II
R.N. Ativie, B.M.R.(PT)(Nigeria), M.Sc. (Ibadan)	Lecturer II
C. I. Uchenwoke, B.M.R.(NAU), M.Sc. (Ibadan)	Lecturer II
A.J. Okemuo, B.M.R.(Awka), M.Sc. (Ibadan)	Lecturer II
C. N. Ikele, B.M.R. (PT) (Nigeria)	Graduate Assistant
E. M. Uduonu, B.M.R.(PT) (Nigeria)	Graduate Assistant
A.O. Akpali, HND(Enugu)	Chief Confidential Secretary
O. Nkemjika, B.ED(Nigeria)	Principal Executive Officer II
P. Ozugwu, OND (Enugu)	Library Officer
C. B. Okpala, B.M.R (Awka)	Medical Lab. Scientist II

C. Anyaene, B.M.R (Nigeria)

Medical Laboratory

Technologist I

H. N Ekweozor, B.Sc. (Awka)

Higher Technical Officer

I.G. Udeagu, B.Sc. (Nigeria) MBA (Nigeria)

Higher Technical Officer

### **General Information**

The Department of Medical Rehabilitation offers a five-year degree programme leading to Bachelor of Medical Rehabilitation (Physiotherapy)

### **Philosophy**

The restoration of the disabled patient to a state of self-sustaining existence is perhaps the greatest gift that man can give to his fellow man. He that will extend this gift must of necessity be able to employ all the knowledge and gadgets available to him/her in achieving this. The department believes that Man (Homo Sapiens) as a biophysical and psycho-social being is the focus of all physiotherapeutic knowledge and activities. As a complex physical being, we conceptualize Man in continuous dynamic interaction with fellow Man and the environment in which each is susceptible to change. Movement and interaction are major factors in Man's health and well-being, and are the main focus of Physiotherapy. Physiotherapy therefore has an important role in the maintenance of health and well being as Man interacts with self, others and the environment especially in the amelioration of limitations to activities of daily living.

### **Scope**

The duration of the programme is five academic sessions which is segmented into three phases of progression from the theoretical to clinical learning. During the one year of Phase I, students acquire knowledge of basic sciences as foundation. Under Phase II, another year and half is spent learning the basic Medical sciences followed by two and half years of Clinical exposure at the Teaching Hospital (UNTH) and other approved centers.

### **Objectives**

Consistent with the academic goals of the University and the Faculty of Health sciences and Technology, the Department aims to achieve the following:

1. Equip students with the knowledge, skill and professional expertise of the discipline of physiotherapy necessary for the restoration of abilities and function to normal or near normal to persons who suffer disease or injury;
2. Ensure that the products of this programme acquire the knowledge, skill and expertise of physiotherapy and both understand and apply the knowledge of the functions and structures of the human body via the study of anatomy, physiology, biochemistry and pathology;
3. Ensure that these professionals apply theory, treatment, and management approaches relating to physical injuries, diseases, and challenges of Rehabilitation using physiotherapy procedures and methods acquired via studies in electrotherapy, exercise therapy, sports therapy, cryotherapy, ethics and administration field (clinical experience), evidence-based rehabilitation, community outreach, seminars and projects including the use of assistive devices to aid rehabilitation and other proven and emerging forms of professional care and treatment;
4. Produce graduates who are knowledgeable in research development and are equipped with the necessary scholarly skills to pursue a career in the academia.

### **Admission Requirements**

Applicants must satisfy the University of Nigeria minimum academic requirements of credit passes in Mathematics and English Language for admission. In addition, the department requires prospective students to have credits in Physics, Chemistry and Biology, all in SSCE or its equivalent in not more than two sittings. Candidates wishing to transfer to Physiotherapy programme from other programmes may be admitted following an interview at the 200 course level only, provided the minimum entry requirements are met.

### **Job Opportunities**

Physiotherapy is a growing profession in Nigeria. Graduates of the programme emerge as physiotherapists capable of applying scientific and professional principles and practice to the treatment and rehabilitation of individuals and groups of all ages in a variety of community and institutional settings. Upon graduation, many graduates of the programme pursue further academic work in institutions of higher learning and others provide rehabilitation services in different health care environments. Employment opportunities for graduates of this programme abound in hospitals,

educational Institutions, communities, health centres, national and International agencies, armed forces and other areas in need of Physiotherapists or Rehabilitation personnel.

### Stress Areas

Foundational Course (Physiotherapy Procedures)	0
Respiratory Therapy	1
Electrotherapy	2
Manipulative Therapy	3
Exercise Therapy	4
Biomechanics	5
Occupational Therapy and Speech Therapy in Medical Rehabilitation	6
Management in Medical Rehabilitation Services	7
Clinical and Seminars	8
Project	9

### Five Year Bachelor of Medical Rehabilitation (Physiotherapy) Programme

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
BIO 101	Genetics for Medical Student	2
BIO 151	General Biology I	3
CHM 101	Basic Principles of Inorganic Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
CHM 171	Basic Practical Chemistry	2
PHY 101	General Physics for Life sciences I	2
PHY 191	Practical Physics I	2
ZOO 121	Basic Parasitology for Medical Students	2
<b>General Studies Courses</b>		
GSP 101	Use of English I	2
GSP 201	Peace & Conflict Resolution I	2
		21

##### Second Semester

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
BIO 152	General Biology II	3
BIO 153	General Biology (Practical)	2
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
CSC 101	Introduction to Computer science	2
PHY 102	General Physics for Life sciences II	2
PHY 103	General Physics for Life sciences III	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
GSP 202	Peace & Conflict Resolution II	2
		21

#### Second Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
PHT 201	Electrophysics	2
PHT 203	Wellness I	2
<b>Required Ancillary Courses</b>		
ANT 201	Cross Anatomy of Upper & Lower Limbs	4
ANT 203	Embryology & Genetics	4
BIC 201	Introduction to Biochemistry	2
BIC 203	Chemistry of Biological Molecules & Biochemical Catalysis	3
PYS 201	Cardiovascular & Respiratory System	2
PYS 205	Endocrinology & Reproductive Physiology	2
<b>General Studies Courses</b>		

SOC 101	Introduction to Sociology	2
		23
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PHT 204	Wellness II	2
<b>Required Ancillary Course</b>		
ANT 202	Gross Anatomy of Thorax, Abdomen, Pelvis & Perineum	4
ANT 204	Systemic Histology	2
BIC 202	Bioenergetics Metabolism & Inborn Errors of Metabolism	2
BIC 204	Nutritional Biochemistry	2
NSC 211	Principles of Psychosocial Nursing in Health Related Professions	2
PYS 202	Neurophysiology	2
PYS 204	Special Senses	2
PYS 206	Gastroenterology & Renal Physiology	2
		20
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PHT 303	Applied Neurosciences	2
PHT 331	Kinesiology	2
PHT 333	Clinical Biomechanics	2
<b>Required Ancillary Courses</b>		
ANT 301	Gross Anatomy of Head & Neck	4
ANT 303	Neuroanatomy	2
BIC 301	Special Topics in Biochemistry	3
COM 351	Biostatistics in Health Tech.	2
PSY 301	Determination of Behaviour	2
PSY 301	Nutrition & Metabolism	2
CED 341	Introduction to Entrepreneurship	2
		23
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PHT 312	Electrotherapy I	3
PHT 314	Practical Electrotherapy I	3
PHT 302	Physiotherapy Procedures I (Fundamentals)	3
PHT 372	Introduction to the Profession	2
PHT 382	Patient Care Communication	2
<b>Required Ancillary Courses</b>		
PAT 302	Pathology	3
PSY 302	Medical Psychology	2
SOC 302	Medical Sociology (Preventive and Social Medicine)	2
		20
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PHT 401	Physiotherapy Procedures II (M.Sc.uloskeletal Diseases & Disorders)	4
PHT 411	Electrotherapy II	2
PHT 413	Electrotherapy Practical	3
PHT 421	Therapeutic Exercises	4
PHT 425	Exercise Physiology	2
PHT 423	Practical Exercises	3
PHT 441	Manipulative Therapy	2
PHT 481	Physical Diagnosis	2
<b>Required Ancillary Courses</b>		
PHT 441	Pharmacology in Physiotherapy	2

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<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PHT 402	Physiotherapy Procedures III (Neuromuscular Diseases & Disorders)	4
PHT 404	Physiotherapy Procedures IV (Gen.Surg. O&G, Integumentary)	4
PHT 482	Clinical Education II (Musculoskeletal Diseases & Disorders)	3
PHT 484	Clinical Education III (Neuromuscular Diseases & Disorders)	3
PHT 486	Clinical Education IV (Gen.Surg. O&G, Integumentary)	3
PHT 452	Sports Therapy	2
<b>Required Ancillary Courses</b>		
CEB 442	Business Development and Management	2
		21
<b>Fifth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PHT 501	Physiotherapy Procedures V (CVR)	4
PHT 521	Hydrotherapy/Cryotherapy	2
PHT 531	Patho-Kinesiology	2
PHT 561	Prosthetics & Orthotics	2
PHT 563	Speech Therapy	2
PHT 581	Clinical Education V (CVR)	3
PHT 591	Seminar	2
PHT 595	Research Methodology	2
		9
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PHT 502	Physiotherapy Procedures VI (Home and Community Outreach)	3
PHT 562	Occupational Therapy	2
PHT 572	Administration & Ethics	2
PHT 582	Clinical Education VI (Home and Community Outreach)	3
PHT 584	Clinical Evaluations	2
PHT 586	Evidence-Based Rehabilitation	2
PHT 592	Project	4
		18

**Department of Nursing Science****Staff**

C. B. Okafor, B.Sc. (Ife), RN, M.Sc. (Ife), Ph.D. (Nigeria)	Professor Emeritus
I. O. Ehiemere, B.Sc. (Ibadan), RN, M.Sc. (Ilorin), Ph.D. (Nigeria)	Professor
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J. Osuji, B.Sc. (Nigeria), M.Sc. (Canada), Ph.D. (Canada)	Reader
A. U. Chinweuba, B.Sc. (Nigeria), RNE, RN, PGDE, M.Sc. (Awka) Ph.D. (Nigeria)	Senior Lecturer/Ag. Head
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C. J. Okafor, BNSc. (Nigeria), RN, RM	Graduate Assistant
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C. T. Kotoye, BNSc. (Nigeria), RN, RM	Graduate Assistant
N. J. Omotola, B.Sc. (Nigeria), RN, RM, M.Sc. (Nigeria)	Graduate Assistant
S. N. Onah, HND, ND	Principal Conf. Secretary II
C. N. Ayogu, B.Sc. (Enugu)	Data Processor II
N. B. Ogbonna, B.Sc. (Nigeria), RN, RM, M.Sc. (Nigeria)	Tutor
C. J. Umezina, BNSc. (Nigeria), RN, RM	Tutor
A. A. Nnamani, BNSc. (Ebonyi), RN, RM	Tutor
E. N. Attah, B. Sc. (Nigeria)	Senior Laboratory Supervisor
V. N. Ike, HND, OND	Higher Executive Officer

### General Information and Academic Programme

The Department of Nursing Sciences came into existence in 1982/83 academic session. The programme was established based on the need of the country for improved quality nursing care, the need for professional growth and enhancement of the nurses' status in line with the global trend. The Department started with a 3-year post basic nursing programme for registered nurses which on successful completion of the programme, the graduates were awarded B. Sc. Nursing degree in three major areas: Public Health Nursing, Nursing Education and Nursing Administration. This programme has been replaced by the National University Commission and Nursing and Midwifery Council of Nigeria (N&MCN) approved five (5) year generic Bachelor of Nursing Science (B.N.Sc) degree programme which commenced in 2004/2005 academic session. The registered nurses, who enter the generic programme, join at the 200 level, thereby running a four-year degree programme. The B.N.Sc. degree is awarded at the end of five years to the students who are found worthy in character and learning, having fulfilled both the University and the Professional Body requirements for the programme.

### Philosophy, Objectives and Scope

This programme takes into cognizance the general aims and philosophy of education and nursing in Nigeria. The Department believes that man (in generic term) is a bio-psycho-social spiritual being whose optimal well-being/health is the goal of all nursing activities. Man is an integral part of the family, the community, and the society. It is useful to conceptualize this individual (man) and the environment as open systems engaged in continuous dynamic interaction in which each is susceptible to change by the other. Health exists on a continuum ranging from wellness to illness/death and the position of man on the continuum at any given time is a function of adaptation. Nursing as a unique helping relationship offered to optimize man's health by diagnosing and treating human responses to actual and potential health problems and/or its treatment, in which the nursing process is a major tool for nursing care, while primary health care is the fundamental health framework for the organization of care in the helping relationships. The Department believes that optimizing man's health requires a collaborative team approach of which the Nursing profession is an indispensable/ valuable team member. The Department believes that preparation for professional nursing should consist of liberal and professional education offered as an integral part of the University education. This professional nursing education should be built upon a broad theoretical base that seeks to develop continuous self-directed learner practitioners. Such practitioners are not only responsive to the changing health needs of the society but also advancing and testing knowledge on which nursing practice is based.

### Admission Requirements

Admission is through the Joint Admissions and Matriculation Board either by Unified Tertiary Matriculation Examination (UTME) or Direct Entry (DE). All eligible UTME candidates must possess the stipulated University minimum academic requirements for admission, which is West African School Certificate (WASC) or its equivalent, with credit passes in at least five subjects including English Language, Mathematics, Biology, Physics and Chemistry in not more than two sittings and must have a pass in the University Post UTME screening examination.

### Direct Entry

Direct Entry candidates must be Nurses or Midwives Registered with the N&MCN, Candidates holding the General Certificate of Education (GCE) Advanced level Certificate with pass in Biology, Chemistry and Physics, in not more than two sittings are also eligible to apply. Such candidates will be expected to have satisfied the O' level requirements of credit pass in at least five subjects including English Language, Mathematics, Biology, Physics and Chemistry in not more than two sittings and passed the university screening test. Degree holders in health related disciplines are also eligible to apply. Direct Entry candidates admitted into a four year programme may be required, where applicable, to take specified courses to make up for deficiencies found in their academic background.

### Job Opportunities

Employment opportunities for the graduates of this BNSc. programme abound in the communities and clinical practice areas such as schools, health centers, industries, teaching hospitals, specialist hospitals, armed forces, sports organizations, international agencies and in private practice. There are also academic opportunities in institutions of higher learning for teaching and research.

### Stress Areas

Foundations of Nursing	0
Medical-Surgical Nursing	1
Community Health Nursing	2
Principles of Education and Management in Nursing	3
Family/Reproductive Health Nursing	4
Psychiatric/Mental Health Nursing	5
Clinical posting/Nursing practicum	6
Seminar in Nursing	7
Research Methodology	8
Project	9

### First Year

#### First Semester

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
BIO 101	Genetics for Medical Students	2
BIO 151	General Biology I	3
CHM 101	Basic Principles of Chemistry I	2
CHM 171	Basic Practical Chemistry	2
PHY 111	General Physics for Life Sciences I	2
PHY 191	Practical Physics	2
ECO 101	Principles of Economics	2
MTH 111	General Mathematics	3
<b>General Studies Courses</b>		
GSP 101	The Use of English /Library and Study Skills	2
GSP 111	Use of Library and Study Skills	2
GSP 201	Peace and Conflict Resolution I	2
		<hr/> 24

#### Second Semester

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
BIO 152	General Biology II	3
BIO 154	General Biology (Practical)	2
CHM 112	Basic Principles of Chemistry II	2
CHM 122	Basic Principles of Organic Chemistry II	2
PHY 112	General Physics for Life Sciences II	2
PHY 114	General Physics for Life Sciences III	2

ZOO 122	Basic Parasitology	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
GSP 202	Peace and Conflict Resolution II	2
		<hr/> 19
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
NSC 201	Foundations of Nursing I	3
NSC 211	Principles of Psycho-Social Nursing in Health Related Professions (For other Depts. in FHST)	2
<b>Required Ancillary Courses</b>		
PYS 201	General Physiology/Blood	2
BIC 202	Introduction to Human Biochemistry	3
PYS 203	Excitable Tissues	2
ANA 221	Gross Human Anatomy I	2
ANA 223	Embryology & Genetics	2
ANA 231	Histology & Histo-Chemistry	2
<b>General Studies Courses</b>		
GSP 101	The Use of English /Library and Study Skills (Direct Entry Students only)	2
GSP 111	Use of Library and study skills (DE Students only)	2
GSP 201	Peace and Conflict Resolution 1 (DE students)	2
GSP 207	Humanities 1	<hr/> 18/20.22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
NSC 202	Foundations of Nursing II	2
NSC 204	Basic Nutrition in Nursing	2
NSC 212	Psychology in Nursing	2
NSC 262	Nursing Practicum/Clinical	2
<b>Required Ancillary Courses</b>		
BIC 203	Metabolism	3
PYS 202	Gastrointestinal Tract (GIT) & Renal	2
PYS 204	Cardiovascular & Respiratory System	2
ANA 222	Gross Human Anatomy II	2
<b>General Studies Courses</b>		
GSP 102	The Use of English (Direct Entry Students only)	2
GSP 202	Peace and Conflict Resolution II (DE students only)	2
GSP 208	Humanities II	2
		<hr/> 19/20
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
NSC 311		
NSC 313	Pharmacology for Nurses	3
NSC 321	Community Health Nursing I	
NSC 341	Family Health Nursing I	2
NSC 351	Mental Health & Psychiatric Nursing	
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
LAW 151	Medical Jurisprudence I	2
PYS 301	Endocrinology and Reproduction	2
COM 353	Sociology in Health Practice	2
<b>General Studies Courses</b>		
GSP 207	Humanities 1 (DE students only)	2
		<hr/> 21/23
<b>Second Semester</b>		

CODE	TITLE	UNITS
<b>Major Courses</b>		
NSC 312	Medical-Surgical Nursing II	3
NSC 314	Nutrition in Illness/Disease	2
NSC 322	Community Health Nursing II	3
NSC 332	Public Relations in Nursing	2
NSC 342	Reproductive Health Nursing I	2
<b>Required Ancillary Courses</b>		
LAW 152	Medical Jurisprudence II	2
MCB 334	Introduction to Medical Microbiology	2
COM 351	Biostatistics in Health Technology	2
<b>General Studies Courses</b>		
GSP 208	Humanities II (DE students only)	2
		<hr/> 20

**Fourth Year****First****Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
NSC 461	Community Health Nursing Clinical	6
NSC 463	Medical-Surgical Nursing Clinical	6
NSC 465	Mental Health & Psychiatric Nursing Clinical	3
NSC 467	Maternal & Child health Nursing Clinical	6
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
NSC412	Medical-Surgical Nursing III	3
NSC 422	Community Health Nursing III	3
NSC 432	Introduction to nursing Education	2
NSC434	Principles of Management & Admin in Nursing	2
NSC 442	Reproductive Health Nursing II	4
NSC 482	Research Methodology	3
<b>Required Ancillary Courses</b>		
CED 342	Business development & management	2
		<hr/> 19

**Fifth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
NSC511	Medical-Surgical Nursing	2
NSC 521	Community Health Nursing	2
NSC 533	Health Economics	2
NSC 535	Guidance & Counseling in Nursing	2
NSC 541	Reproductive Health Nursing III	4
NSC 571	Nursing Seminar	15

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
NSC562	Client teaching/Counseling Practicum	2
NSC 564	Nursing Administration & Management Practicum	2
NSC566	Reproductive Health Nursing Practicum	6
NSC592	Project	6
		<hr/> 16



**Faculty of Law****Dean's Office****Staff**

C. Okafor, LL.B (Nigeria), M.A.(Detroit), Ph.D.(Pnn),	Professor/Dean
J.N. Ezeillo, LL.B (Nigeria), L.LM (London), Ph.D. (Nigeria)	Professor/Associate Dean
A.N. Egbosionu, B.Sc. (Anambra), PGD, MBA, M.Sc. (Nigeria)	Deputy Registrar
C. Igwe, LL.B. (Abia)	Senior Asst. Registrar
U.R. Nwodika, B.Ed., PGD, M.Ed. (Nigeria)	Administrative Assistant Officer
B.O. Obi, HND. (Anambra), B.Sc. (Enugu)	Principal Conf. Secretary II
F.C. Ushi, B.A., MPPA (USA)	Chief Executive Officer
A.C. Okeke, HND	Principal Executive Officer II
N.R. Okechukwu, HND, PGD, MBA. (Nigeria)	Principal Executive Officer II
R.O. Obasi, HND	Senior Data Process. officer II
C.M. Ekwelem, LL.B., LL.M. (Nigeria)	Higher Technical Officer II
O. Onah, LL.B. (Nigeria)	Higher Technical Officer II
G.O. Ugoha HND	Executive Officer
I.P. Neboh, B.Sc. ( Enugu)	Senior Cleaner/ Messenger

**Department of Commercial & Corporate Law****Staff**

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C. N. Iyidobi, B.L., LL.B., LL.M. (Nigeria)	Lecturer II
L. D. Iyoyojie, B.L. (Nigeria) LL.M (UK)	Lecturer II
C. Orabueze, BL, LL.B., LL.M. (Nigeria)	Lecturer
I. Ukam, B.L. (Nigeria), LL.B., LL.M. (Australia)	Lecturers
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G. C. Eze, HND (Nigeria)	Snr. Data Processing Officer
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**Department of Customary & Indigenous Law****Staff**

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N. R. Attoh, LL.B. (Nigeria), B.L. (Abuja), LL.M. (Nigeria)	Lecturer I
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**Department of International and Comparative Law****Staff**

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D. I. Onyeonagu, LL.B (Nigeria), LL.M (Bamenda, Cameroon), B.L	Assistant Lecturer
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I.E. Elobuike, HND	Higher Technical Officer II
C. N Kalu, Adv. NABTEB, Enugu.	

### Department of Jurisprudence and Legal Theory

#### Staff

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C. Okafo, B.L., LL.B (Nigeria), M.A., Ph.D. (U.S.A)	Professor
C.U. Anyanwu, B.L., LL.B, LL.M (Lagos), Ph.D. United Kingdom	Reader
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E. L. Okiche., B.A (Lagos), B.L, LL.B, LL.M, Ph.D. (Nigeria)	Lecturer I
O. C. Oguejiofor, B.L (Abuja), LL.B (Nigeria), LL.M United Kingdom	Lecturer I
E. Adibe., B.L, LL.B (Nigeria), PGDE (Awka), M.L.S (Canada), M.Sc (Nigeria), M.T (Ohawa)	Lecturer I
E. C. Odoemena, B.L. (Abuja), LL.B (Nigeria), LL.M. (South Africa)	Assistant Lecturer

### Department of Private Law

#### Staff

G. C. Nnona, LL.B (Ifè), BL, LL.M (Lagos), SJD (Harvard)	Professor
C. C. Obi-Ochiabutor, B.Sc. (Benin), LL.B, LL.M (Nigeria), BL	Lecturer I
O. T Umahi, B.Sc./Ed (Nigeria), LL.B (Enugu), BL (Abuja), M.Sc. (PR)(Nigeria), LL.M (Ojo), LL.M, Ph.D. (Manchester)	Lecturer I
C. O Nwabachili, LL.B (Uli), BL (Lagos), LL.M, Ph.D. (Awka)	Lecturer I
U. C. Anidi, LL.B (Nigeria), BL (Lagos)	Lecturer II
I. C. Okoli, LL.B (Nigeria), BL (Lagos)	Assistant Lecturer
P. U. Onwuchekwa, HND (Oko), PGD (Nigeria)	Princ. Conf. Secretary II
A. N. Akpa, B.A. (Abakaliki)	Principal Executive Officer II
O. N. Okereke, OND (Oko)	Principal Executive Officer II
F. C. Umeadi, LL.B (Jos), BL (Lagos)	Higher Tech. Officer II

### Department of Property Law

#### Staff

E.O. Nwosu, LL.B, BL, LL.M. Ph.D. (Nigeria)	Professor
N. Ikeyi, LL.B, BL. (Nigeria), LL.M. (London)	Senior Lecturer
J.J. Odinkonigbo, LL.B. (Enugu), BL., LL.M. Ph.D. (Canada)	Lecturer I/Ag. Head
C.C. Ajibo, LL.B. (Nigeria), BL., LL.M. Ph.D. (Manchester)	Lecturer I
N.A. Nwafor, LL.B. (Uyo), BL., LL.M. Ph.D. (Scotland)	Lecturer I
N.O. Agbo, LL.B. (Calabar), BL., LL.M. Ph.D. (California)	Lecturer I
O.M. Okeke, LL.B. (Nigeria), BL., LL.M. (Hull, UK)	Lecturer II
C.O. Amucheazi, LL.B. (Rivers), BL., LL.M. (South Wales)	Lecturer II
F.A.Nwodo, LL.B. (Nigeria), BL., LL.M. (Westminster, London)	Lecturer II
S. Mosanya, LL.B. (Abakaliki), BL., LL.M. (Dundee, UK)	Asst. Lecturer
P.I. Nnadi, HND	Principal Con. Secretary
I.C. Egbogu, B.Sc. (Nigeria)	Higher Technical Officer
U.S. Nwachukwu, B.Sc. (Calabar)	Higher Technical Officer
U. Okongwu, B.Sc. (Enugu)	Higher Technical Officer
C.E. Oli, B.Sc. (Enugu)	Higher Technical Officer
B.O. Offor, HND	Chief Cleaner/Messenger

**Department of Public Law****Staff**

J.N. Ezeilo, Dip. (Sweden), Dip (Dakar), LL.B (Nigeria), BL (Lagos), LL.M (London), Ph.D. (Nigeria)	Professor
S.I. Nwatu, LL.B (Awka), BL, LLM (Nigeria)	Senior Lecturer
O. Nnamuchi, LL.B (Awka), LL.M (Lund), LL.M (Notre Dame), LL.M (Toronto), M.A. (Louisville) S.J.D. (Loyola)	Senior Lecturer/Head, 2017 – date
D.U. Ajah, NCE (Awka), LL.B (Nigeria) BL (Abuja), LL.M (Nigeria)	Lecturer I
C.O. Ike, LL.B (Nigeria), B.L (Lagos), LL.M (London)	Lecturer I
M.N. Ele, B.Ed. (Ibadan), LL.B (Nigeria), BL (Lagos), M.Ed. (Nigeria) LL.M (New York),	Lecturer I
C. J. Lloyd, NCE (Port Harcourt) B.ED (Ibadan) LL.B, BL, LL.M (Port Harcourt), Ph.D. (Calabar)	Lecturer II
P.U. Okeke, LL.B (Ile Ife), BL	Lecturer II
N.U. Richards, LL.B (Benin), BL, LL.M, Ph.D., Ph.D. (Awka)	Lecturer II
U. C. Erinne, LL.B (Nigeria), BL (Abuja) LL.M (Ibadan),	
O.J. Edeh, LL.B (Nigeria), BL (Kano) LL.M (Northampton)	Assistant Lecturer
D.C. Mazeli Osita, B.Sc. (Enugu) RSA (Lon.)	Chief Executive Officer
C.G. Ugwuja, B.Ed., MBA, M.Sc. (Nigeria)	Principal Executive Officer II
O.C Nnamchi, B.Sc. (Awka), M.Sc. (Enugu)	Principal Executive Officer II
S.N. Agu, HND (Enugu)	Senior Data Processor II
V. U. Nwazuluoke, OND (Ile Ife)	Senior Data Processor II
I.B. Obinma, B.Sc. (Ebonyi)	Higher Technical Officer II
N.A. Odum, LL.B (Nigeria) B.L. (Enugu)	Higher Technical Officer II

**General Information on the Faculty of Law**

The Faculty of Law, University of Nigeria, Enugu Campus came into existence in September, 1960 under the deanship of Professor G. M. Johnson. The emergence of the Faculty represented a unique landmark in the history of legal education in Nigeria, since it was the first Law Faculty to be established in the country.

**Philosophy and Objective**

The founders of the University of Nigeria aimed to relate its activities to the social and economic needs and the day-to-day life of the people of Nigeria, hence its philosophy, “To Restore the Dignity of Man.” In keeping with that broad philosophy of the University, the programme of the Faculty is based on the basic philosophy that law operates within a social set up and must therefore be understood from that background. Legal training in this Faculty seeks to give students an understanding of the following:

1. The nature of law and its functions both in the administration of justice and in the operation of the other activities of a modern state.
2. The processes employed in determining what the law is and applying its rules to new situations.
3. The organizing of the legal profession and the machinery of justice.
4. The general principles of the more basic legal subjects.
5. The relationship of law to the other social sciences and to the general framework of society.

Consequently, a graduate of this Faculty should be in the position to fit conveniently into all spheres of life where knowledge is a requisite.

The curriculum of the Faculty is designed both for those who after obtaining the Bachelor of Laws Degree may wish to proceed to the Nigerian Law School and qualify as legal practitioners in Nigeria, and for those who may wish to obtain the degree as a qualification for employment in International and National Agencies, federal, state and local governments, statutory corporations, industrial, commercial and other enterprises.

At present, the Faculty consists of seven departments, namely:

- the Department of Commercial and Corporate Law
- the Department of Property Law
- the Department of International and Comparative Law
- the Department of Jurisprudence and Legal Theory
- the Department of Public



the Department of Private Law; and  
the Department of Customary and Indigenous Law.

In addition to their functions within their respective departments, staff of the Faculty also provide teaching support for the Faculties of Business Administration, Environmental Studies and Health Sciences which have various courses in Law in their curricula.

The Faculty has over the years devised different programmes to cater for particular categories of law students. At the undergraduate level, the majority of students are admitted into the standard five-year programme through the Joint Admissions and Matriculations Board Entrance Examinations. There is also a four-year programme, which is open to a limited number of candidates who already possess University degrees, diplomas or General Certificate of Education Advanced Level. At the postgraduate level, the Faculty is endowed with sufficient research facilities to enable it offer courses leading to the award of LL.M., M.Phil. and Ph.D. degrees.

### Admission Requirements

The Faculty admits students of two broad categories:

- (i) U.M.E. candidates (full-time)
- (ii) Direct Entry candidates (full-time).

Students are admitted into the respective programmes if they satisfy the general university admission requirements for direct entry and entrance examination students. In addition, all students (including direct entry candidates) must satisfy the Faculty entry requirements of Credit level passes in English Language, English Literature and Mathematics or one other Science subject in School Certificate or its equivalent.

### Types of Programmes

The Faculty of Law offers a 4-year LL.B Degree programme for direct entry students and a 5-year LL.B degree standard programme for entrance candidates. In addition the Faculty mounts service courses to a number of departments as follows:-

- (a) **Business Law:** For students in the Departments of Accountancy, Finance, Management and Marketing.
- (b) **Principles of Law of Contract & Tort:** For students in the Department of Estate Management.
- (c) **Principles of Nigerian Land Law:** For students in the Department of Estate Management and Urban & Regional Planning.
- (d) **Law of Land Registration:** For students in the Department of Surveying.

### Philosophy, Scope and Objectives

Legal training in this Faculty seeks to give students an understanding of the following:

1. The nature of law and its functions both in the administration of Justice and in the operation of the other activities of a modern state.
2. The processes employed in determining what the law is and applying its rules to new situations.
3. The organizing of the legal profession and the machinery of justice.
4. The general principles of the more basic legal subjects.
5. The relationship of law to the other social sciences and to the general framework of society.

### Employment Opportunities

The curriculum of the Faculty is designed both for those who after obtaining the LL.B degree may wish to proceed to the Nigerian Law School and qualify as legal practitioners, i.e. Barristers and Solicitors in Nigeria, and also for those who may wish to obtain the degree as a qualification for employment in international and national agencies, Federal, State and Local Governments, Public and other Statutory Corporations, Industrial, Commercial and other enterprises.

The training in the Faculty adequately prepares the graduates for employment in almost every sector of the economy, especially Banks and other Financial Institutions, Industries, Corporations both Municipal and Transnational and the Legal Profession including Law Teaching.

### Stress Areas

Commercial, Corporate & Fiscal Law	1
Customary & Indigenous Law	2
Jurisprudence & Legal Theory	3

	International & Comparative Law	4
	Private Law	5
	Property Law	6
	Public Law	7
	Project	8
Five-Year Standard Programme		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
Law 131	Legal Methods I	2
Law 133	Nigerian Legal System	4
<b>Required Ancillary Courses</b>		
PHIL 131	Logic & Philosophic Thought I	3
PSY 101	Principles of Psychology I	3
ENGL 104	Introduction to Nigerian Literature I	3
<b>General Studies Courses</b>		
G. S. 101	Use of English I	2
G. S. 105	Natural Science I	2
<b>Non-Law Elective (One course)</b>		
ACC 101	Element of Accounting I	3
PHIL 101	Introduction to Philosophy I	3
MAN 141	Elements of Business Economics I	3
		<hr/> 22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
LAW 132	Legal Methods II	2
LAW 134	Nigerian Legal System II	4
<b>Required Ancillary Courses</b>		
PHIL 132	Logic & Philosophic Thought I	3
PSY 102	Determinants of Behaviour	3
ENGL 105	Introduction to Nigerian Literature II	3
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
GSP 106	Natural Science	2
<b>Non-Law Elective (One Course)</b>		
ACC 102	Element of Accounting II	3
PHI 102	Introduction to Philosophy II	3
MAN 142	Elements of Business Economics II	3
		<hr/> 22
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
LAW 251	Law of Contract I	4
LAW 271	Constitutional Law I	4
LAW 253	Law of Torts I	4
LAW 231	Research Methodology & Legal Writing	2
<b>Law Elective</b> (A Law Course of 4 units from the following Law Courses)		
LAW 275	Children, Women, Illiterates and the Law I	4
LAW 273	Law of Consumer Protection I	4
LAW 221	Introduction to Customary & Indigenous Law I	4
<b>Non-Law Elective (One Course)</b>		
MAW 301	Elements of Management	3
MKT 323	Principles of Public Relations	3
		<hr/> 21
<b>Second Semester</b>		
CODE	TITLE	UNITS

**Major Courses**

LAW 252	Law of Contract II	4
LAW 272	Constitutional Law II	4
LAW 254	Law of Torts II	4
<b>Law Elective (A Law Course of 4 units from the following Law Courses)</b>		4
LAW 276	Children, Women, Illiterates and the Law II	4
LAW 274	Law of Consumer Protection	4
LAW 222	Introduction to Customary & Indigenous Law II	4
<b>Non-Law Elective (One Course)</b>		3
ACC 251	Fundamental of Government Accounting	3
MAN 261	Introduction to Business or	3
MKT 202	Elements of Marketing II	3
		<hr/> 19

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
LAW 311	Commercial Law I	4
LAW 371	Criminal Law I	4
LAW 373	Law of Evidence & Procedure I	4
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	3
<b>General Studies Courses</b>		
GSP 207	Humanities	2
<b>Law Elective (A Law Course of 4 units from the following Law courses)</b>		4
LAW 321	African Customary Law Systems	4
LAW 375	Law of Legislative Institutions	4
LAW 377	Administrative Law I	
LAW 313	Banking and Insurance Law I	4
LAW 351	Industrial Law I	4
		<hr/> 21

**Third Year****Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
LAW 312	Commercial Law I	4
LAW 372	Criminal Law II	4
LAW 374	Law of Evidence & Procedure II	4
<b>Required Ancillary Courses</b>		
COS 314	Application of Computer to Legal Studies	3
<b>Law Elective (A Law Course of 4 units from the following Law courses):</b>		4
LAW 322	African Customary Law systems	4
LAW 376	Law of Legislative Institutions II	4
LAW 378	Administrative Law	4
LAW 314	Banking and Insurance Law II	4
LAW 352	Industrial Law II	4
<b>Non-Law Elective</b>		
GSP 208	Humanities	2
		<hr/> 21

**Fourth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
LAW 461	Equity & Trusts I	
LAW 463	Land Law I	4
<b>Law Elective (Two Law Courses of 4 units each from the following Law courses):</b>		8
LAW 471	Health Law I	4
LAW 473	Constitutional Behaviour	4
LAW 433	Criminology I	4

LAW 451	Family Law I	4	
LAW 467	Law of Succession & Administration of Estate I	4	
LAW 465	Law of Energy & Natural Resources I	4	
LAW 413	Arbitration I	4	
<b>Non-Law Elective</b> (One Course)			3
ACC 331	Taxation I	3	
BF 314	Banking Methods and Process	3	
			<hr/> 19
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
LAW 462	Equity & Trusts II		4
LAW 464	Land Law II		4
<i>Law Elective</i> (two Law Course of 4 units from the following Law courses):			8
LAW 472	Health Law II	4	
LAW 474	Constitutional Behaviour II	4	
LAW 434	Criminology II	4	
LAW 452	Family Law II	4	
LAW 468	Law of Succession & Administration of Estate II	4	
LAW 466	Law of Energy & Natural Resources II	4	
LAW 414	Arbitration II	4	
<i>Non-Law Elective</i>			3
MAN 302	Elements of Management II	3	
MKT 323	Principles of Public Relations II	3	
			<hr/> 19
<b>Fifth Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
LAW 511	Company and Partnership Law I		4
LAW 531	Jurisprudence and Legal Theory I		4
<i>Law Electives</i> (1 Course of 4 units each from the following Law Courses)			4
LAW 513	Law of Taxation I	4	
LAW 541	Conflict of Laws I	4	
LAW 543	Public International Law I	4	
LAW 561	Conveyancing Law I	4	
LAW 563	Law of Industrial & Intellectual Property I	4	
LAW 571	Planning Law I	4	
LAW 545	Environmental Law I	4	
<i>Non-Law Elective</i>			
ACC 331	Taxation I		3
BF 314	Banking Methods and Process		3
			<hr/> 15
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
LAW 512	Company and Partnership Law II		4
LAW 532	Jurisprudence and Legal Theory II		4
LAW 580	Project		6
<i>Law Electives</i> (1 Course of 4 units each from any of the following Law Courses)			4
LAW 514	Law of Taxation II	4	
LAW 542	Conflict of Laws II	4	
LAW 544	Public International Law II	4	
LAW 562	Conveyancing Law II	4	
LAW 564	Law of Industrial & Intellectual Property II	4	
LAW 572	Planning & Environmental Law II	4	
LAW 546	Environmental Law I	4	
			<hr/> 18

**First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
LAW 131	Legal Methods I	2
LAW 271	Constitutional Law I	4
LAW 133	Nigerian Legal System I	4
<i>Required Ancillary Courses</i>		
PHIL 131	Logic & Philosophic Thought I	3
<i>General Studies Courses</i>		
GSP 101	Use of English I	2
GSP 207	Humanities I	2
Non-Law Electives (One Course)		3
ACC 101	Elements of Accounting I	3
MAN 141	Elements of Business Economics I	3
PSY 101	Principles of Psychology I	3
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
LAW 132	Legal Methods II	2
LAW 272	Constitutional Law II	4
LAW 134	Nigerian Legal System II	4
<i>Required Ancillary Course</i>		
PHIL 132	Logic & Philosophic Thought II	3
<i>General Studies Courses</i>		
GSP 102	Use of English II	2
GSP 208	Humanities II	2
Non-Law Electives (One Course)		3
ACC 102	Elements of Accounting II	3
MAN 142	Elements of Business Economics II	3
PSY 102	Principles of Psychology II	3
		<hr/> 20

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
LAW 251	Law of Contract I	4
LAW 371	Criminal Law I	4
LAW 253	Law of Tort I	4
LAW 373	Law of Evidence and Procedure I	4
LAW 231	Research Methodology & legal Writing	2
<i>Law Elective</i> (A Law course of 4 units from the following Law courses):		4
LAW 377	Administrative Law I	4
LAW 275	Children, Women and the Law I	4
LAW 465	Law of Energy & Natural Resources I	4
LAW 351	Industrial Law I	4
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
LAW 252	Law of Contract II	4
LAW 372	Criminal Law II	4
LAW 254	Law of Tort II	4
LAW 374	Law of Evidence and Procedure II	4
<i>Law Elective: Choose one 4-Unit Course</i>		4
LAW 378	Administrative Law II	4
LAW 276	Children, Women and the Law II	4
LAW 466	Law of Energy & Natural Resources II	4

LAW 352	Industrial Law II	4	20
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<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
LAW 311	Commercial Law I	4	
LAW 461	Equity & Trusts I	4	
LAW 463	Land Law I	4	
<b>Required Ancillary Course</b>			
COS 101	Introduction to Computer Science	3	
<b>Law Elective</b>			
LAW 413	Law of Arbitration & ADR I	4	
LAW 273	Law of Consumer Protection I	4	
LAW 313	Banking and Insurance Law I	4	
LAW 521	Islamic Law I	4	
LAW 431	Criminology I	4	
			19
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<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
LAW 312	Commercial Law II	4	
LAW 462	Equity & Trusts II	4	
LAW 464	Land Law II	4	
<b>Required Ancillary Course</b>			
COS 314	Application of Computer to Legal Studies	3	
<b>Law Elective</b>			
LAW 414	Law of Arbitration & ADR II	4	
LAW 274	Law of Consumer Protection II	4	
LAW 314	Banking and Insurance Law II	4	
LAW 522	Islamic Law II	4	
LAW 432	Criminology II	4	
			19
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<b>Fourth Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
LAW 511	Company & Partnership Law I	4	
LAW 531	Jurisprudence & Legal Theory I	4	
<b>Law Electives</b> (1 Course of 4 units each from the following)			
LAW 451	Family Law I	4	
LAW 467	Law of Succession & Admin. of Estate I	4	
LAW 571	Planning Law I	4	
LAW 545	Environmental Law I	4	
LAW 513	Law of Taxation I	4	
LAW 541	Conflict of Laws I	4	
LAW 543	Public International Law I	4	
LAW 561	Conveyancing Law I	4	
LAW 563	Law of Industrial & Intellectual Property I	4	
<b>Non-Law Elective</b> (One Course)			
ACC 331	Taxation	3	
BF 314	Banking Methods & Process	3	
			19
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<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
LAW 512	Company & Partnership Law II	4	
LAW 532	Jurisprudence & Legal Theory I	4	
LAW 580	Project	6	

	<i>Programmes</i>	651
<i>Law Electives: Choose 1 4-unit Course</i>		4
LAW 452	Family Law II	4
LAW 468	Law of Succession & Admin. of Estate II	4
LAW 572	Planning Law II	4
LAW 546	Environmental Law II	4
LAW 514	Law of Taxation II	4
LAW 542	Conflict of Laws II	4
LAW 544	Public International Law II	4
LAW 562	Conveyancing Law II	4
LAW 564	Law of Industrial & Intellectual Property II	4
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The Executive Secretary, National Universities Commission, Professor Abubakr A. Rasheed at the UNN for the 2017 Homecoming of the Department of English & Literary Studies: with him are some Principal Officers of the University, Guests, and Staff of the Department of English and Literary Studies.

**Faculty of Medical Sciences****Dean's Office****Staff**

S.O. Ekenze, MBBS (Nigeria)	Professor/Dean
I.I. Nnabugwu, MBBS (Nigeria), PGD (Nigeria)	Associate Dean
E.C. Ezugwu, MBBS (Nigeria), M.Sc. (Belgium)	Associate Dean
G.N. Asuzu, B.Sc., PGDB, MBA (Nigeria)	Faculty Officer
P.N. Onuoha, OND (Ibadan)	Secretary
N. Ogbonna, B.Sc. (Nigeria)	Principal Exec. Officer I
A.T. Okafor, B.Ed. (Port-Harcourt), PGD (Nigeria)	Principal Exec. Officer II
I.N. Okolo, HND	Principal Exec. Officer II
V.E. Udemezue, B.Sc. (Nigeria)	Senior Exec. Officer
M.U. Nwokeoma, B.Sc. (Enugu)	Higher Tech. Officer II
C.V. Ononiwu, PGDE (Sokoto)	Higher Tech. Officer II
R.O.A. Chikezie, B.Sc. (Enugu)	Higher Tech. Officer II
E.A. Onwuasoanya, PGD (Enugu)	Hall Supervisor

**Department of Anaesthesia****Staff**

U.V. Okafor, MBBS (Jos), D.A (West Africa), FMCA (Nigeria)	Senior Lecturer
T.C. Onyeka, MBBS (Nigeria), M.Sc. (Cardiff), D.A, FWCS (West Africa)	Senior Lecturer
F.A. Onyekwelu, MBBS (Ilorin), D.A (West Africa), FMCA (Nigeria)	Senior Lecturer
V.O. Ajuzieeogo, B.Sc. (Port-Harcourt), MBBS (Nigeria)	Senior Lecturer/ Head
A.O. Amucheazi, MBBS (Nigeria)	Senior Lecturer
M.S.C. Emezue, HND (Nigeria)	Senior Data Proc. Officer II

**Department of Chemical Pathology****Staff**

E.S. Idogun, MBBS (Ogun), FMCPat, M.Sc. (Lagos)	Professor
M.C. Ugonabo, B.Sc., Bchm. (Nigeria), MBBCH (Calabar), M.Sc. (Nigeria), FWACP	Extension
D.I. Nnakenyi, MBBS (Lagos), FWACP, FMCPat (NPGM)	Senior Lecturer/Head
I.A. Meka, B.Sc. (Nigeria), MBBS (Lagos), M.Sc. (Lagos), FMC.Path	Lecturer I
C.J. Okwor, B.Sc. (Awka), MBBS, (Nigeria), M.Sc. (Ibadan), FCH.Path (Ibadan)	Lecturer I
B.C. Ene, MBBS, M.Sc. (Nigeria)	Lecturer II
U.A. Nto-Ezimah, MBBS (Maiduguri)	Lecturer II
O.A. Akpa, MBBS (Ebonyi)	Lecturer II
C.I. Edoaga, MBBS (Ebonyi)	Lecturer II
C.E. Anieze, MBBS (Nigeria)	Lecturer II
E.J. Arum, MBBS (Nigeria)	Lecturer II
C.I. Oseke, B.MLS (Oweeri) AILST (Nigeria)	Assist. Chief Med. Lab. Scientist
E.E. Chukwukelu, B.Sc., PGD, M.Sc., Ph.D. (Nigeria)	Princ. Med. Lab. Scientist I
C.I. Neboh, AIMLS (Nigeria), PGD, M.Sc. (Nigeria)	Princ. Med. Lab. Scientist I
I.U. Ude, AIMLS (MLSCN), PGD (Nigeria)	Princ. Med. Lab. Scientist I
O.C. Ugwunna, BMLS (Ebonyi)	Medical Laboratory Scientist I
R.C. Eruchalu, HND, AMLS	Medical Laboratory Scientist I
O.E. Obianyo, BMLS (Ekpoma)	Medical Laboratory Scientist I
G.C. Avugara, BMLS (Rivers)	Medical Laboratory Scientist I
M.C.J. Uzundu, B.Sc. (Enugu)	Laboratory Technology
B.E. Ehumadu, HND, PGD (Calabar)	Principal Confidential Secretary

**History**

The Department of Pathology was one of the foundation Departments in the Faculty of Medicine when it was established in 1967. It had four composite clinical departments. The Department of chemical pathology was the pivotal department that coordinated chemical pathology and Hematology.



**Research Activities**

Research is going on in the department in the following areas:

Antioxidant Vitamin C

Oxidation in nephritic syndrome

Metabolic disorders

Micronutrients and disease

Lipids and cardiovascular disease

Cations in cardiovascular disease

Immunochemistry-Reproductive Endocrinology-autoantibodies to sperm.

**Health Care Delivery Services**

The department runs a metabolic/obesity clinic at the Teaching Hospital site

Dynamic function testing e.g. OGTT

Departmental Library, Internet Facilities

**Divisions/Units**

Cardio-Renal Unit

Endocrinology

Immunology/immunochemistry Unit

Metabolic/TDM Unit

Protein Unit

Micronutrient/Nuclear Medicine Unit

Oncological Pathology Units

Clinical clerkship in the department of chemical pathology will be in 300L, 400L, during block posting I & II, and the block posting revision before the 3<sup>rd</sup> M.B., B.S. Examination. Additional lectures will be given during 300L Clinical postings (Medicine and Surgery I).

**Philosophy**

To produce medical doctors with basic understanding of the processes that guide appropriate test ordering and possess basic understanding of the science of interpretation of laboratory results for general clinical practice.

**Posting Description****1<sup>st</sup> Posting – Block Posting I (300L 2nd Semester)***Broad Objective*

- To introduce the student to the knowledge and skills of basic biochemical investigations used to diagnose disease conditions affecting organs and systems in the human body.

*Specific Objectives*

At the end of this posting, the students should be able to

- Describe the pathogenesis of the common disease conditions affecting organ systems.
- Select appropriate tests for the evaluation of the above disease conditions.
- Interpret the biochemical tests for the management of the above conditions.

**2<sup>nd</sup> Posting – (400L 1<sup>st</sup> semester)***Broad Objective*

- Produce medical graduates who are able to apply their knowledge of basic chemical pathology to the investigation and principles of management of clinical entities.

*Specific Objectives*

At the end of this posting, the student should be able to:

- Have adequate knowledge of the rationale for the selection of tests in investigating disease conditions.
- Demonstrate knowledge of the main causes of the non-pathological variation in measured biochemical values.
- Understand the basic principles of bio-safety in the clinical chemistry laboratory.
- Selection of the more special tests in chemical pathology.
- Interpretation of the results of the more special tests in chemical pathology.
- Handling of the more common POCT devices.

**Clinical Pathology Chemistry for MB,BS Degree Programme**

CPY 301

Basic Principles of Chemical Pathology

CPY 302	Pathogenesis of Disease I
CPY 303	Metabolism I
CPY 304	Practical laboratory work
CPY 305	Metabolism II
Block Posting revision	
CPY 401	Nutrition
CPY 402	Pathogenesis of Disease II
CPY 403	Metabolism III
CPY 404	Practical laboratory techniques
CPY 405	Specialty Clinical Chemistry
CPY 406	Laboratory Management

### Department of Community Medicine

#### Staff

C.N. Onwasigwe, MBBS (Nigeria), FWACP, FMCPH	Professor
M.N. Aghaji, MBBS (Nigeria), FWACP	Professor
T.A. Okeke, MBBS (Nigeria), DPH (London), FMCPH	Professor
B.S.C., Uzochukwu, MBBS (Jos), MPH (Nigeria), FWACP	Professor
E.N. Aguwa, MBBS (Nigeria), MPH (Nigeria) FWACP, FMCPH	Professor/Head
D.F.E. Nwagbo, B.Sc. (Nigeria), DLSHTM (London), M.Sc. (London)	Reader
A.C. Ndu, MBBS, MPH (Nigeria), FWACP	Senior Lecturer
E.A. Nwobi, MBBS (Jos), M.Sc. (Nigeria), MPH (Lagos), FMCPH	Senior Lecturer
O.C. Ekwueme, B.Sc. (Michigan), MBBS, MPH (Nigeria), FMCPH	Senior Lecturer
U.E. Ezeoke, MBBS, MPH (Nigeria), FMCPH	Senior Lecturer
C.A. Onoka, MBBS (Port Harcourt), DLSHTM. (London) M.Sc. (London), MPH (Nigeria), Ph.D. (London), FWACP	Senior Lecturer
I.E. Obi, MBBS (Awka), MPH (Nigeria), FMCPH	Senior Lecturer
I.B. Omotowo, MBBS (Ilorin), FWACP	Senior Lecturer
C.O. Mbachu, MBBS (Nigeria), Dip Bioethis, MPH (South Africa), FWACP	Senior Lecturer
E.C. Aniwada, MBBCH (Calabar), MPH (Nigeria), M.Sc. (Ibadan), FWACP, FMCPH	Senior Lecturer
C.A. Idoko, MBBS (Jos), MPH (Nigeria), FWACP	Lecturer I
C.N. Okafor MBBS, MPH, M.Sc. (Nigeria)	Lecturer I
A.K. Umeobieri, MBBS (Awka), MPH (Nigeria), FWACP	Lecturer I
C.C. Agunwa, MBBS, MPH (Nigeria), FWACP	Lecturer I
C.C. Okeke, MBBCH (Calabar), MPH (Nigeria) FWACP	Lecturer I
C.N. Ugwunna, MBBS, MPH (Nigeria), FWACP	Lecturer I
N.C. Ibiok, MBBS (Ilorin), MPH (Lagos), FWACP	Lecturer I
I.U. Itanyi, MBBS (Port-Harcourt), MPH (John-Hopkins), FWACP	Lecturer I
O.R. Agwu-Umah, MBBCH, (Calabar), M.Sc. (Chester), MPH (Nigeria) FWACP	Lecturer I
C.A. Aniebue, MBBS (Nigeria),	Lecturer II
C.C. Aniobi, HND, AMLSCN, PGD (Nigeria) M.Sc. (Nigeria)	Principal Med. Lab. Scientist I
B.C.N. Onyia, HND, PGD (Calabar), MMPA (Nigeria)	Principal Executive Officer I
L.O. Chime, B.Sc. (Enugu)	Principal Executive Officer I
V.C. Ike, B.Sc. (Enugu), M.Sc. (Nigeria)	Senior Executive Officer I
J.N. Ogbodo, B.Sc. (Enugu)	
N.Y. Ifeacho, HND, PGD (NOUN),	Higher Technical Officer II
U.E. Emeh, HND	Higher Technical Officer II
D.C. Enweani, OND	Asst. Health Supervisor

#### History

The Department of Community Medicine is one of the clinical departments of the College of Medicine of the University of Nigeria, Enugu Campus. The department started with the founding of the University of Nigeria Medical School in 1970 and offers courses in part fulfilment of the MBBS degrees of the University of Nigeria. Since then the department has had tremendous growth in manpower, training and materials. Starting with only a few lecturers in 1970, the department presently has specialists in almost all the sub-disciplines of Public Health.

Training programs offered in the department have also increased: from an initial training of only medical students, the department now trains both resident doctors and MPH students and has made plans to develop into a School of Public Health that will offer M.Sc. and Ph.D. programs. The MPH program organized by the department is one of the best in the country. This is run as both part-time and Full time basis and includes all persons with first degree in relevant disciplines. Students are exposed to wide range of Public Health issues by experienced and highly qualified professionals. Graduates of our MPH program have competed favourable in highly reputable jobs. For the School of Public Health the following have been identified as sub-departments: Occupational Health and Safety; Epidemiology and Biostatistics; Health Education; Health Systems, Policy and Management. Other training programs include residency training for both WACP and National Postgraduate Medical College. The department also assists in training of Community Health Officers (CHOs) and student midwives.

### **Broad Objectives**

To produce specialist doctors who will completely provide health care in any community whether urban or rural, organize and supervise health care programme for the community and also initiate research to advance the frontiers of medical knowledge.

### **Specific Objectives**

At the conclusion of the formal training, the graduate should be able to demonstrate that he/she has acquired the knowledge, skill and attitude to:

appreciate the effects of ecological, environmental, social, cultural, economic and psychological factors on the health of the community, and take appropriate measures to alleviate them carry out epidemiological studies to identify the prevalent health problems in the community and also determine ways and methods of alleviating them;

plan, implement and evaluate appropriate health programmes (promotive, curative and rehabilitative) in collaboration with other members of the health team in order to reduce mortality and morbidity in the community, and also to improve the quality of life of the people in the community;

develop the spirit of team work in promoting health in all population groups;

develop the skill and ability required to train other medical personnel in the subject areas of public health

### **Role in Promoting Community Health**

The department has strengthened her relationship with some Non Governmental Organizations. Since 2009, the department provides technical support to PRAWA (Prisoners Rehabilitation and Welfare Action – and NGO owned by Barr. Uju Agomoh). The department drafted a curriculum on torture documentation and reporting for inclusion in medical undergraduate curricula. German Leprosy Relief Association has also increased her collaboration with the department in management of tuberculosis and leprosy. The assistance is in form of technical support and funding research targeted towards control of these two diseases. During the Junior posting medical students are transported to Mile 4 hospital where leprosy and tuberculosis patients are treated. This activity is sponsored by GLRA.

The department has cordial relationship with governmental organizations. Enugu State Ministry of Health, Enugu State Waste Management Agency (ENSWAMA), Enugu East LGA and Ministry of Works have all assisted in training our resident doctors. The medical students and resident doctors go to these organizations during their positing. The department is also primarily responsible for the South Eastern part of Nigeria, hence they run Comprehensive Health Center in Obukpa (Enugu State), Comprehensive Health Center Isuochi (Abia State) and Comprehensive Health Center Abagana (Anambra State). Resident doctors are posted to these centers for at least one month. They reside in these centers and provide health services during the posting. Medical students spend 4 weeks in Obukpa CHC for their rural posting under the supervision of 2 residents and a Consultant.

### **Department of Haematology and Immunology**

#### **Staff**

S. Ocheni, MB, B.Sc., FMCPPath (Ibadan)	Professor/ Head
I. E Okpala, MB, B.Sc., M.Sc. (Ibadan), FRCPPath, FWAC, MRCPPath (UK)	Professor
O. G Ibegbulam, BM,BCH, (Jos), FWACP	Professor
T. U. Nwagha, MB,BS, MP	Senior Lecturer
J A Madu, MB, B.Sc., (Nigeria) FMC.Path.	Senior Lecturer
O. A Ugwu, MB, B.Sc.,(Awka) FMC.Path.	Lecturer I
O. Helen, FMC. Path	Lecturer I
C. R Obiatuegwu, FMC. Path II	Lecturer II

R. S Azikiwe B.Sc., PGD MLS (Nigeria)	Chief Med. Lab. Scientist
I. M. Obianwa, AMLSCN, PGD (Nigeria), M.MLS (Ambrose Ali)	Chief Med. Lab. Scientist
G. O Eke, B.Sc. (Enugu)	Secretary/Chief Typist
M. C. Ezewanne, B.Eng. (Awka)	Higher Technical Officer II

### Haematology & Immunology Courses for MB,BS Degree Programme

#### Fourth Year

##### First Semester

HAE 400	2
HAE 401	5
HAE 402	5
HAE 403	3
HAE 404	5
HAE 411	5
HAE 412	5
HAE 413	5
HAE 415	5
IMM 401	4
IMM 412	4
IMM 422	4
IMM 432	4

### Department of Medical Biochemistry

#### Staff

I.E. Ezeagu, B.Sc., M.Sc., M.Phil., PhD. (Ibadan)	Professor
F.E. Ejezie, B.Sc., M.Sc. (Nigeria), Ph.D. (Awka)	Professor
J.E. Ikekpeazu, B.Sc. (Benin), M.Sc., Ph.D. (Nigeria)	Senior Lecturer
A.A. Eze, B.Sc. (Nigeria), M.Sc. (Port Harcourt), Ph.D. (Glasgow)	Senior Lecturer
M.D. Ibegbu, B.Sc., M.Sc., (Ibadan), Ph.D. (Portsmouth)	Senior Lecturer/Ag. Head
C.O. Ezech, B.Sc.(Nigeria), M.Sc., Ph.D. (Port Harcourt)	Lecturer I
H.O. Obianyo, MBBS., M.Sc. (Nigeria)	Lecturer I
U.A. Okoli, B.Sc., (Nigeria), BSc., M.Sc. (London)	Lecturer I
C. A. Oguonu, MBBS., (Nigeria)	Lecturer II
A.C. Ndubisi, B.Sc., (Awka), MBBS. (Awka)	Lecturer II
N.N. Ezugworie, MBBS. (Nigeria)	Lecturer II
I.J. Nwigwe, B.A., (Rutgers), Ph.D. (Yale)	Lecturer II
C. Z. Uche, B.Tech., (Owerri), M.Sc. (Ibadan)	Lecturer II
K.C. Onyekwelu, B.Sc., (Enugu), M.Sc., Ph.D. (Nigeria)	Lecturer II
L.N. Nwokolo, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C. M Adilieje, B.Sc., (Enugu), MSc. (Calabar)	Assistant Lecturer
P.C. Okorie, B.Sc., (Ebonyi), M.Sc. (Nigeria)	Assistant Lecturer
I.N. Ezechukwu B.Sc.,(Kent) M.Sc. (Leicester)	Assistant Lecturer
C.N. Eke, AIMLS., (Enugu), PGD (Nigeria)	Princ. Med. Lab. Scientist II
E. N. Nna, NHD., (Enugu)	Principal Typist
E.S. Enwerem, B.Sc., (Nigeria)	Senior Laboratory Supervisor
P.A. Ekeocha, B.Sc., PGD (Nigeria)	Laboratory Scientist II
M.O.Nwankwo, B.Sc., (Benin)	Laboratory Scientist II
C.F. Onwugbufo, B.Sc., (Uli)	Laboratory Scientist II
C.O.Etta, B.Sc., (Enugu)	Laboratory Scientist II
S.C. Emegwara, B.A., (NOUN-Ilorin)	Senior Hall Supervisor
C.E. Attama, B.Eng., (Enugu)	System Analyst
P.N. Ngwu, B.Sc., (Enugu)	Higher Technical
M.I. Osakwe, NHD., (Enugu)	Store Keeper

### Introduction

Department of Medical Biochemistry is one of the academic departments in the Faculty of Basic Medical Sciences, College of Medicine, University of Nigeria, Enugu Campus. It is an academic unit of the College, offering courses leading to the Second Professional Examinations in the Medical and Dental Programmes (MB,BS and BDS) of the College of Medicine. The Department also offers service courses to all the Departments in the Faculty of Health Sciences and Technology. The Department, at the Post-

Graduate level, offers courses leading to the award of M.Sc. and Ph.D. of the University of Nigeria. It also conducts academic research in the areas of Medical Biochemistry.

### History of the Department

The Department of Medical Biochemistry started in 1978 as one of the foundation Departments of the College of Medicine of the University of Nigeria, established under statute No. 2 of the University act of 1978, with approval of both the National Universities Commission and the president of the Federal Republic of Nigeria. The Department has however grown from the service department commissioned at inception to teach undergraduate medical and dental students, to a research-based department.

### Philosophy

The philosophy of the Department is to lead the search for the molecular Basis of diseases and ultimately be positioned as one of the foremost Medical Biochemistry Department globally, judging from her products and services.

### Scope

The Department offers courses that cover the core areas of Medical Biochemistry including Introductory Biochemistry, Chemistry of Biomolecules, Biochemical Catalysis, Bioenergetics and Biological Oxidation; Metabolism of Biomolecules; In-Born Errors of Metabolism; Nutritional Biochemistry, Special Topics in Medical Biochemistry and Practical Biochemistry.

### Objectives

The Programme is designed to:

- Train Medical Doctors who will assist in the provision of health care at different levels, for the people of Nigeria and beyond.
- Produce Medical graduates who will serve as research fellows in Medical research institutions.
- Produce graduates who will effectively operate their own private clinics and hospitals.

### Job Opportunities

On successful completion of Housemanship, the graduates would be able to serve as Medical doctors, research fellows, private medical practitioners and lecturers.

### Stress Areas

Chemistry of Biological Molecules	1
Enzymes, Bioenergetics and Biological Oxidation	2
Metabolism	3
Nutritional Biochemistry	4
Special Topics in Biochemistry	5
Practical Biochemistry	6

### Courses Offered

UNITS

#### Second Year

##### First Semester

##### Major Courses

BIC 211	Chemistry of Biomolecules	3
BIC 223	Enzymes, Bioenergetics and Biological Oxidation	2
BIC 261	Practical Biochemistry I	2

##### Second Semester

##### Major Courses

BIC 232	Metabolism of Carbohydrates and Lipids	3
BIC 234	Metabolism of Proteins, Nucleic Acids & Molecular Biology	3
BIC 262	Practical Biochemistry II	1

##### Third Year

##### First Semester

BIC 341	Nutritional Biochemistry	2
BIC 353	Special Topics in Biochemistry	3
BIC 363	Practical Biochemistry III	2

**Department of Medical Microbiology****Staff**

U.C. Ozumba, B.Sc., MBBS (Nigeria), FWACP, FMcPath (NPMCEN)	Professor/Head
M.E. Ohanu, B.Sc., MBBS (UNN), M.Sc. (Nigeria), FMcPath (NPMCEN)	Senior Lecturer
S. O. Ebeye, MBBS (Nigeria), FMcPath (NPMCEN),	Lecturer I
I. N. Nwafia, ALMLT (UNTH), MBBS (Abia), M.Sc. (Nigeria), FMcPath (NPMCEN),	Lecturer I
I.N. A. Orabueze, MBBS (UNN), M.Sc. (Nigeria),	Lecturer II
S.T. Chukwuma, HND (Enugu), MBBS (Awka), M.Sc. (Lagos, Akoka), FMcPath I (NPMCEN)	Lecturer II
C. E. Ezomike, MBBS (Nigeria)	Lecturer II
P. C. U. Okeke, MBBS (Nigeria)	Lecturer II
H. U. Okolo, MBBS (Ebonyi), (Primaries) Pathology (NPMCEN)	Lecturer II
S. C. Emeribe, MBBS (Nigeria)	Lecturer II
B. A. Uzodimma, AMLSN (MLSCN), PGD MLS (Nigeria)	Chief Medical Lab. Scientist
S. C. Egbe, Dip. Computer, PGD, MLS (Nigeria), AMLSCN (MLSCN), FMLSCN (MLSCN)	Chief Medical Lab. Scientist
J. U. Nduka, Dip in Theo, Fellow, AMLSCN (MLSCN), FMLSCN (MLSCN)	Chief Medical Laboratory Scientist
C. G. Chime, HND ( Enugu)	Senior Data Processing Officer II/ Acting Secretary
P. O. Isiofia, BMLS (Nigeria)	Medical Laboratory Scientist I
C. A. Ajare, B.Sc. (Awka), AMLSCN (MLSCN)	Medical Laboratory Scientist I
N. O. Achukwu, BMLS (Ebonyi),	Medical Laboratory Scientist I
A.L. Agu, B.Sc. (Nigeria),	Higher Technical Officer II
C. P. U. Eneasato, B.Sc. (Nigeria),	Higher Technical Officer II
U. dem-Ogbu, B.Sc. (Nigeria)	Higher Technical Officer II
J. N. Obi, IMLT, Medical Lab (MLSCN)	Chief Medical Laboratory Technician
M. C. Ejinkonye, HND ( Enugu)	Principal Laboratory Supervisor

**Brief History**

Department of Medical Microbiology was founded as a component of Faculty of Medicine of the Medical School, UNEC. The Faculty was established in 1967. The department is a major part of the division of Pathology Sciences of the present Faculty of Medical Sciences & Dentistry.

During this founding period, there were notable laboratory scientists and technicians who were involved in the building of the department. The Department of Medical Microbiology is involved primarily in teaching, research and laboratory diagnosis. The Department teaches 3rd MB,BS Medical students in Medical Microbiology. However, the lecturers are also involved in teaching and supervising students from the School of Medical Laboratory Sciences UNTH, B.Sc. Medical Lab Sciences FHST and Medical Students in Community Medicine.

The Department is also involved in routine diagnosis of specimens from different wards and clinics in UNTH. From 1990 about 1,000,000 specimens are processed and examined by the department annually. Over the years, the academic staff of the department has carried out research work in many areas of Medicine and has been involved in both local and international seminars, conferences and workshops.

The impact of the fire incident of November 3, 2003 was severe on both teaching, research and laboratory services, as it destroyed all research and teaching facilities, office equipment and records. The services and equipment have largely been restored but the pathology building in Ituku-Ozalla is still awaiting completion.

**Philosophy**

The philosophy of the programme is to equip the students with basic knowledge in the diagnosis and prognosis of microbial infections through excellent and detailed teaching and research in the different components of medical microbiology including bacteriology, virology, mycology, helminthology and serology as well as microbial genetics. This gives the students both theoretical and practical knowledge.

### Objectives

By the end of the entire medical microbiology course, students should be able to demonstrate knowledge of the theoretical principles of Medical Microbiology. They should be able to perform side-room laboratory medical microbiology tests and interpret laboratory results in relation to patient's clinical conditions as well as manage the everyday pathogenic infections common in the community and elsewhere.

The pharmacology of antimicrobial drugs commonly used in the treatment of pathogenic infections should have been familiar enough to the student by the end of the course. Students should have been adequately sensitized in the discipline enough to pass undergraduate medical microbiology examinations, apply the knowledge in practice and lay foundation for those who may wish to pursue medical microbiology at postgraduate level.

### Procedure

Courses in medical microbiology are given along with courses in the other pathological science disciplines during the first and second clinical years. Instruction is by lectures, tutorials and by practical sessions, demonstrated or undertaken by students themselves.

The clinical applications are further mastered in the wards and clinics as integrated sessions or clinic-pathological conferences or seminars.

It is hoped that the college curriculum would accommodate participation of students during medical microbiology ward teaching and business rounds as well as sexually transmitted infections/ medical microbiology infectious disease clinics.

### Department of Medicine

#### Staff

C.K. Ijoma, MB BS (Ib). FMCP.	Professor/Head
J.M. Oli, M.B. ChB (Manchester), MRCP (Uk), FMCP (Nigeria), FWACP, FRCP (Edin), FRCP (London)	Emeritus Professor
B.J.C. Onwubere, MB. B.Ch (Nigeria), Dip Car. (London) FMCP, FWACP, FACP	Professor
I.I. Ulasi, MB BS (Nigeria), FWACP, PGD (SOC) Nigeria M.Sc.	Professor
S.O. Ike (Ven.), MB BS (Nigeria), FMCP, Dipl. Theology (Nigeria), Certif. In Leadership Studies (Haggai Institute, USA)	Professor
B.C. Anisiuba, MB BS (Nigeria), Dipl Card. (Yaoundé), Dipl in Colour Doppler Echocardiography (Shanton, China), FMCP	Professor
S.C. Nwokediuko, B.Sc., MB BS Port Harcourt FMCP	Professor
I.O. Onwuekwe, MB BS (Nigeria), FWACP	Professor
E.C. Ejim, MB BS (Nigeria), FMCP	Reader
B.M. Onyenekwe, MB BS (Nigeria), FMCP	Senior Lecturer
G.A.O. Ozoh, BMDC, FWACP, NPMCN	Senior Lecturer
C.J. Chukwuka, MB BS (Nigeria), FMCP	Senior Lecturer
E.B. Arodiwe, MB BS (Ibadan), FWACP, PGD (HAM), Certif. transplantation (MMM, London)	Senior Lecturer
O.D. Onodugo, MB BS (Nigeria), FWACP	Senior Lecturer
U.N. Ijoma, MB BS (Nigeria), FMCP	Senior Lecturer
C.C. Onyedum, MB BS (Nigeria), FWACP	Senior Lecturer
C.L. Onyekonwu, MB BS (Nigeria), FMCP, MPH (Liverpool)	Senior Lecturer
C.I. Okafor, MB BS (Awka), FMCP, Dip Theology (Nigeria)	Senior Lecturer
O.S. Ekenze, MB BS (Nigeria), FMCP	Senior Lecturer
E.E. Young, MB BS (Nigeria), FWACP, FACE (America)	Senior Lecturer
M.O. Iroezindu, MB BS (Nigeria), FWACP, FMCP, MPH (S. Africa)	Senior Lecturer
B.A. Ezeala-Adikaibe, MB BS (Odessa), FWACP	Senior Lecturer
U.R. Ojinmah, MB BS (Port Harcourt), FMCP	Lecturer I
C.C. Okwara, MB BS (Nigeria), FWACP, Fell DURDAN	Lecturer I
C.B. Nwatu, MB BS (Nigeria), FWACP	Lecturer I
N.C. Mbadiwe, B.Med.Sc., MB BS (Port Harcourt), FWACP	Lecturer I
J.D. Uche-Ejekwu, MB BS (Port Harcourt), M.Sc. (Nottingham) FWACP	Lecturer II
A.U. Anyanwu, OND, HND, PGD, M.Sc., AMLSCN	Chief Med. Lab Technologist
O.V. Ekpunobi, PGD, AMLSCN	Senior Medical Lab Scientist

E.U. Udoeye, B.Sc. (Enugu)

I.B. Ibenegbu, ND, HND, PGD, MBA (Nigeria), FIIA

Principal Lab Supervisor

Assistant Chief Conf. Secretary

The Department of Medicine is one of the departments in the Faculty of Medical Sciences, College of Medicine, University of Nigeria. The College of Medicine is affiliated to the University of Nigeria Teaching Hospital (UNTH), Ituku-Ozalla, Enugu. It was one of the pioneer departments, which started in 1967 and has rapidly grown from academic staff strength of seven to its current staff strength of twenty-eight.

### Brief History

The Faculty of Medicine, University of Nigeria was established in 1967. After the Nigerian civil war, the University of Nigeria Medical School took off effectively in October 1970 with many departments, including the Department of Medicine. The Department of Medicine at the time included Paediatrics, Radiology, Community Medicine and Psychiatry. The Pioneer Head of Department was Dr C Nwokolo (Associate Professor). The Department had a total of 7 pioneer academic staff. Paediatrics, Radiology, Community Medicine and Psychiatry have since gained autonomy.

It has grown from a department of seven foundation lecturers and 21 students in 1967 to its present status with an academic staff population of 28 and student population of 600 at different levels of their of their trainings. The Department produces on the average 150 doctors yearly. These young graduates are equipped with knowledge, skills and competences to serve in the Nigeria Health system and to fit into other countries health systems as global physicians. The Department has many research projects to its name and research publications.

Currently the Department is organized in subspecialty units. – Cardiology, Endocrinology/ Metabolism, Nephrology, Neurology, Respiratory medicine, Gastroenterology, Pharmacology/ Therapeutics, Dermatology/Venereology, Infectious Diseases and Rheumatology. Clinical clerkship in the department of medicine takes place at 400, 500 and 600 levels.

### Departmental Philosophy (For Undergraduate Medical Education)

The philosophy of the Department is to produce medical graduate who possess global standards of the attitude, skills and knowledge of general specialty medicine required for general clinical practice and for further specialist professional and/or academic training.

### Curriculum and Course Codes

#### Fourth Year

##### Medicine I

#### First Semester

MED 411	Introduction to clinical medicine, medical ethics. Introduction to the disorders of the nervous system, cardiovascular system, respiratory System, endocrine system, renals, clinical signs, symptoms and investigations	1.5
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#### Second Semester

MED 412	Introduction to clinical infectious diseases, therapeutics, skin disorders and Rheumatological disorders	1.5
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#### Fifth Year

##### Medicine 2

#### First Semester

MED 511	Common disorders of the nervous system, cardiovascular system, respiratory system, gastrointestinal tract, liver disorders. Physical examination of all systems	1.5
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##### Dermatology

MED 513	Examination of the skin, common skin disorders	1
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#### Second Semester

##### Medicine 2

MED 512	Common infectious diseases, endocrine disorders, renal diseases, rheumatological diseases	1.5
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##### Dermatology

MED 521	Common disorders of the skin, investigations and treatment	
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#### Sixth Year

##### Medicine 3

#### First Semester



MED 611	Common disorders of the nervous system, cardiovascular system, respiratory system, gastrointestinal tract, liver disorders, endocrine disorders and renal diseases Investigations and treatment of disorders of various diseases. Common medical Emergencies	1.5
MED 612	Management of common disorders of the nervous system, cardiovascular system, kidneys, GIT, Respiratory, endocrine tests, medical biopsies. Performance and Interpretation of Diagnostic test, ECG, EEG, Endoscopy, spirometry, Echocardiography	1.5

### Department of Morbid Anatomy

#### Staff

M.A. Nzegwu, MBB (Benin), FWACP (Nigeria), FMC Path	Professor/Head
O.C. Okafor, MBBS, FMC Path (Nigeria), DA Path (Spain)	Senior Lecturer
D.B. Olusina, MBBS (Benin), FWACP (West Africa)	Senior Lecturer
E.F. Nnakeyi, MBBS, FMC Path (Nigeria)	Senior Lecturer
F.I. Ukekwe, MBBS, FMC Path (Nigeria)	Senior Lecturer
C.C. Eluke, MBBS, FMC Path (Nigeria)	Lecturer I
A.O. Eni, MBBS (Nigeria)	Lecturer II
O.C. Nwokoro, MBBS (Abia)	Lecturer II
O.I. Aniume, MBBS (Nigeria)	Lecturer II
J.O. Maduka, B.Sc., PGDM (Awka), M.Sc. (Abia), AIMLS (Zaria)	Chief Medical Scientist
L.V. Echefu, B.Sc. (Awka), ALMS (Nigeria)	Principal Med. Lab. Supervisor
J.Odo, OND (Oko)	Chief Laboratory Supervisor
T.C. Maduka, B.MLs (Nigeria)	Medical Laboratory Scientist
L.N. Ezechi, OND (Oko)	Senior Laboratory Supervisor
I.I. Eze, B.Eng. (Enugu)	Higher Technical Officer II

### Department of Obstetrics and Gynecology

#### Staff

B.C. Ozumba, MBBS[(Lagos), FMCOG (PCS), FICS, (ICS) FWACS (WACS),FRCOG (RCOG)	Professor
H.E. Onah, MBBS, MPA (Nigeria), M.PHARM (WACS), FMCOG (NPGMCN), FWACS (Nigeria)	Professor
U.U. Aniebue, MBBS (Nigeria), FWACS (WACS)	Professor
H.U. Ezegwui, MBBS (Nigeria), FWACS (WACS)	Professor
S.N. Obi, MBBS (Nigeria), FWACS (WACS), FICS [ICS].	Professor
U.I. Nwagha, MBBS (Nigeria), FWACS (WACS), FICS (ICS), M.Sc. (Nigeria), FMCOG [NPMC]	Professor
O.A. Okezie, MBBS (Lagos), FWACS (WACS), FICS (ICS)	Professor
C.C. Dim, MBBS (Nigeria), FWACS (WACS), FMCOG (NPMCN) Euro M.Sc. [Int'l Health]-(UCL) M.Sc. (Nigeria)	Professor
C.A. Iyoke, MBBS, MPH (Nigeria), Mc (UK), FWACS (WAPMC)	Professor
S.C. Agwu, M.Sc. [UNN], FWACS	Professor
P.I. Igboeli, BSc [New York, USA], Doctor of Medicine [New York, USA], FACOG	Professor
T.C. Okeke, MBBS (Maiduguri), FWACS (WACS).	Reader
P. O. Nkwo, MBBS (Maiduguri), M.Sc. (Abia), PGD,ISHTM (London) M.Sc. (RSHR) (London), FWACS (WACS)	Senior Lecturer/Ag. Head
I.V. Ezeome, MBBS (Nigeria), FWACS [WACS].	Senior Lecturer
T.O. Nwankwo, MBBS (Port-Harcourt), B.med. (Port-Harcourt), FWACS [WACS].	Senior Lecturer
E.E. Asimadu, MBBS (Nigeria), FMCOG [NPMCN],FWACS [WACS].	Senior Lecturer
E.C. Ezugwu, MBBS (Jos), FWACS (WACS), M.Sc. (Belgium)	Senior Lecturer
P.U. Agu, MBBCh (Calabar) FWACS (WACS), MPH (Nigeria), FICS (ICS)	Senior Lecturer
C.O. Adiri, MBBS (Nigeria), FWACS (WACS),	Senior Lecturer
E.O.V. Ugwu, MBBS (Nigeria), FWACS (WACS), FMCOG (NPMCN), MPH (Nigeria)	Senior Lecturer
K.E. Ekwuazi, MBBS (Port-Harcourt), FWACS [WACS],	Senior Lecturer

C.O. Chigbu, MBBS (Port-Harcourt), FWACS [WACS]	Senior Lecturer
E.P. Ezenkwele, MBBS (Nigeria), FWACS [WACS], DTM&H RCP (London), NFPMC (USA), FCP (USA)	Senior Lecturer
G.O. Ugwu, MBBS (Nigeria), MPH (Nigeria), FWACS (WACS), FMCOG (NPMCN)	Lecturer I
U.A. Umeh, MBBS (Nigeria), FWACS [WACS], B.Sc. (Nigeria)	Lecturer I
L.O. Ajah, MBBS (Awka), MPH (Nigeria), FWACS (WACS), FMCOG [NPMCN].	Lecturer I
A.C. Adiuku-Brown, MBBS (Nigeria), FWACS (WACS), FMCOG [NPMCN].	Lecturer I
E.O. Izuka, MBBS (Nigeria), FMCOG (NPMCN).	Lecturer I
P.C. Udealor, MBBS (Nigeria), FWACS (WACS).	Lecturer I
C.I. Onwuka, MBBS (Ibadan), FWACS (WACS), FMCOG [NPMCN].	Lecturer I
I.E. Menuba, MBBS (Nigeria), FWACS (WACS).	Lecturer I
E.I. Iloghalu, MBBS (Benin), FWACS (WACS), FMCOG (NPMCN).	Lecturer I
M.I. Eze, MBBS (Ibadan), FWACS (WACS).	Lecturer I
F.C. Emegoakor, MBBS, FWACS (WACS), FMCOG (NPMCN)	Lecturer I
S.I. Okoro, MB:BCH (Calabar), FWACS (WACS), FMCOG (NPMCN)	Lecturer I
J.N. Egbonnaji, BSc., MSc.	Technologist I
F.I. Obiozor, HND	Higher Exec. Officer

### History

The Department of Obstetrics & Gynecology was founded after the civil war in 1970 to cater for the welfare of women mainly in the South Eastern part of the country who needed dire health care. Following the untold ravages brought about by the civil war, it was thought necessary to provide a department for the teaching and training of medical students and resident doctors. The need for a Teaching Hospital in the South Eastern part of the country was heightened by the high morbidity and mortality brought about by diseases and lack of medical care as fallout of the war in women and children in this part of the country.

### Programme

The philosophy of the programme is to equip the students and residents to recognize the principle and practice of Gynaecology and explain the patho-physiological basics and applied anatomy of pregnancy, labour and puerperium. At the end of the course, students should be able to obtain relevant history and carry out clinical examination of Gynaecological and Obstetrical cases, reach a working diagnosis, order relevant investigations and propose a management protocol for the patient. The resident doctors are taught to acquire the knowledge and skill to become specialists on their own merit. Research is also done to increase knowledge and improve the care of women.

### Courses Offered by the Department

CODE	TITLE	UNITS
OBG 401	Introductory Gynaecology	2
OBG 501	Reproductive Physiology	2
OBG 502	Labour, Puerperium & the Neonate	3
OBG 402	Gynaecology Clinic	3
OBG 503	Obstetrics Clinic	3
OBG 504	Special Topics – OBG	2
OBG 505	Special Clinics – OBG	2

### Department of Ophthalmology

#### Staff

I.A. Ezegwui, MBBS (Nigeria), FMCO, FWACS, FICS	Professor/HOD
U.F. Ezepue, BM BCH (Nigeria), FMCOPh, DCEH (London)	Professor
E.N. Onwasigwe, MBBS (Nigeria), FMCOPh, FWACS, FICS	Professor
C.M. Chuka-Okosa, MBBS (Nigeria), FWACS, M.Sc. (Nigeria), FWACS, M.Sc. (London), FICS	Professor
B.I. Eze, MBBS (Nigeria), FMCOPh, FWACS	Professor
I.O. Okoye, MBBS (Nigeria), FMCOPh, M.Sc. (Ibadan), FICS	Senior Lecturer
F.C. Maduka-Okafor, MBBS (Nigeria), FMCOPh, FICS	Senior Lecturer



V. C. Aziama,  
S. N. Alioke, B.Sc. (Nigeria)  
N. J. Dilibe, B.Sc. (Abia), PGD (Noun)  
N. C. Alaku, B.Sc., PGD, M.Sc. (Nigeria)  
G. Nwosu, HND

Chief Typist/Secretary  
Prin. Lab. Supervisor  
Senior Hall Supervisor  
Princ. Med. Lab. Scientist I  
Asst. Chief Conf. Secretary

### **Department of Pharmacology and Pharmaceutics**

#### **Staff**

P. O. Okonkwo, B.Sc. MS PhD(Cornell), FPAN, FAS, FRST&H	Professor Emeritus
C. P. Chijioke, BA, MA, MBBSChir, (Camb), MD (Camb) FWACP (Int.Med, FRCP (UK), FRCP (Lon Edin)	Professor
O. E. Onwujekwe, MBBS (Nigeria), M.Sc. PhD(Lond), Dip LSHRM	Professor
E. N. Shu, Diploma d' Etat PG Dip, M.Sc. (Awka), PhD (Nigeria)	Professor
S. I. Ghasi, B.Sc. (Panjab), M.Sc. PhD (Nigeria)	Professor
C. A. Anusiem, MBBS (Nigeria), M.Sc. (Awka), Ph.D. (Nigeria)	Senior Lecturer/ Ag. Head
A. U. Mbah, MD (Lodz), FMCP.	Senior Lecturer
R. C. Anakwue, MBBS, M.Sc. (Nigeria) FWACP.	Senior Lecturer
N.I. Oguanobi, MBBS (Awka), M.Sc. (Nigeria), FWACP, FMCP (NPMC).	Senior lecturer
K. I. Nwadike, B.Sc., M.Sc. (Nigeria)	Lecturer I
N. J. Uwaezuoke, B. Pharm, M. Pharm (Nigeria)	Lecturer I
T.M. Okafor, MBBS, M.Sc. (Nigeria)	Lecturer I
H.I. Forchu, MBBS (Nigeria)	Lecturer II
N. F. Ikwueze, MB BS (Nigeria)	Lecturer II
C. B. Nwoke, MB BS (Nigeria)	Lecturer II
I. Emedike, MB BS (Ebonyi)	Lecturer II
L. Omenuko, MB BS (Nigeria)	Lecturer II
C. V. Achike, MB BS (Nigeria)	Lecturer II
B. C. Okoye, MB BS (Nigeria)	Lecturer II
E. C. Eze, MB BS (Nigeria)	Lecturer II
k. Bob-Duru, MB BS (Nigeria)	Lecturer II
T. Umeh, MB BS (Nigeria)	Lecturer II
D. U. Nwajiobi, MB BS (Nigeria)	Lecturer II
A.C. Okpe, BMLS, M.Sc. (Nigeria)	Princ. Med. Lab Scientist II
I. N. Nubila, BMLS, M.Sc. (Nigeria)	Princ. Med. Lab Scientist II
C. G. Ezugha, Diploma in Data Processing.	Chief Lab. Supervisor
O. U. Eze B.MLS (Nigeria)	Princ. Med. Lab Scientist I
S. C. Nwafor, B.MLS, M.Sc. (Nigeria)	Princ. Med. Lab Scientist I
E. N. Aniagor, B.Sc. (Nigeria)	Laboratory Scientist II
J. O. Marshal-Umukoro, B.Sc. (Nigeria)	Laboratory Scientist II
T. C. Okafor, B.Sc. (Enugu)	Higher Technical Officer II

### **Department of Psychological Medicine**

#### **Staff**

J.U. Ohaeri, MB, BS, FMC (Ibadan), FWACP, FRC (UK), DSc (Ibadan)	Professor (contract)
K.O. Okonkwo, MBBS, (Benin) FMC psych (Nigeria)	Senior lecturer
G.M Onyema, MD, (Lodz, Poland) FMC Psych (Nigeria)	Senior lecturer
F.E. Okwaraji, B.Sc., M.Sc. (Jos)	Senior lecturer
A.C. Ndukuba, MBBS, FWAC P (Nigeria)	Senior lecturer
P.C Odinka, MBBS, FWACP (Nigeria)	Senior lecturer
K.U. Amadi, MBBS, FWACP (Nigeria)	Senior lecturer
R.C Muoma, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
C.C Ude, HND	Principal Conf. Secretary I
P.A Azuakoemu, B.Sc. (Nigeria)	Higher Technical Officer II

### **Department of Radiation Medicine**

#### **Staff**

J.I. Okoye, MBBS, FMCR (Nigeria), FWAC (Weast Africa)	Professor
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P.C. Okere, MBBS (Lagos) FWACS (West Africa)	Senior Lecturer/Ag. Head
N.R. Njeze, MBBS (Nigeria) FMCR (Nigeria)	Senior Lecturer
A.C. Onuh, MBBS, (Nigeria) FWACS (West Africa)	Senior Lecturer
K.K. Agwuna, MBBS(Nigeria) FWACS (West Africa)	Senior Lecturer
C.K. Nwankwo, MBBS (Nigeria) MSC, FWACS(West Africa)	Senior Lecturer
S.N. Ezeofor, MBBS( Nigeria) FWACS (West Africa)	Senior Lecturer
N.R. Dim, MBBS, MPH(Nigeria) FWACS(West Africa)	Lecturer I
A.O. Nnamani, MBBS(Nigeria) FWACS (West Africa)	Lecturer I
IloanusiNnekalfieyinwa, MBBS(Nigeria) FWACS(West Africa)	Lecturer I
E.K. Mgbe, MBBS(Nigeria) FWACS (West Africa)	Lecturer I
E.C. Ajare, MBBS (Abia) FWACS (West Africa)	Lecturer I
N.J. Onyenadum, LL.B(Nigeria) , BL (Abuja),	Chief Con. Secretary
N.N. Onoh, B.Sc. (Eungu)	Higher Executive Officer
F.I. Nwofor, HND (Enugu)	Higher Technical Officer

### Department of Surgery

#### Staff

O.N.F. Ozoemena, MBBS (Nigeria), FWASC (West Africa) FICS	Professor
M.C. Aghaji, MBBS (Nigeria), FRCS (Glasco), FRCS (Edinburgh), FRCS (England), FWACS, FAS, MSC (London)	Professor
E.R. Ezeome, MBBS (Nigeria), FWACS (West Africa), MIA (Bioetrics (USA)	Professor
W.C. Mezue, MBBS (Nigeria), MSC (Nigeria) FRCS (Ireland), FMSC (Nigeria)	Professor
O.E. Nwankwo, MBBS (Nigeria), DIA (Nigeria), FWACS (West Africa)	Professor
FICS (Nigeria)	
O. Onwuasoigwe, MBBS (Lagos), FWACS (West Africa), FICS, Mni (Kuru)	Senior Lecturer/Head
J.C. Eze, MBBS (Nigeria), FWACS (West Africa)	Senior Lecturer
K.A. Agu, MBBS (Nigeria) FWACS (West Africa)	Senior Lecturer
F.O. Ugwumba, MBBS (Nigeria), FWACS (West Africa)	Senior Lecturer
N. Ezemba, MBBS (Nigeria) FWACS (West Africa)	Senior Lecturer
M. C. Chikani, MBBS (Nigeria), FWACS (West Africa)	Senior Lecturer
E. O. Uche, MBBS (Nigeria) FWACS (West Africa)	Senior Lecturer
O. O. Onumaegbu, MBBS (Nigeria) FWACS (West Africa)	Senior Lecturer
U.I. Emka, MBBS (Nigeria) FWACS (West Africa)	Senior Lecturer
O.C. Amu, MBBS (Nigeria) FWACS (West Africa) FICS	Senior Lecturer
N.C.O. Onyemaechi, MBBS (Nigeria) MBBS (Nigeria), FWACS (West Africa)	Senior Lecturer
U. C. Dilibe, MBBS (Nigeria), FWACS (West Africa)	Senior Lecturer
I. I. Nnabugwu, MBBS (Nigeria), FWACS) West Africa)	Senior Lecturer
I. A. Nwafor, MBBS (Nigeria) FWACS (West Africa)	Senior Lecturer
V. A. Okwulehia, MBBS (Nigeria), FWACS (West Africa)	Senior Lecturer
O. M. Mbadiwe, MBBS (Nigeria) FWACS (West Africa)	Senior Lecturer
E.E. Onyia, MBBS (Nigeria) FWACS (West Africa)	Lecturer I
I. C. Iloabaechie, MBBS (Nigeria) FWACS (West Africa)	Lecturer I
I. C. Okwesili, MBBS (Nigeria) FMCS (Nigeria)	Lecturer I
V. C.Enemuo, MBBS (Nigeria) FWACS (West African)	Lecturer I
O. Anikwe, MBBS (Nigeria) FWACS (West Africa)	Lecturer I
U.M. Ogbonnaya, Computer Dip (Enugu)	Asst. Chief Conf. Secretary

### Sub-Department of Pediatric Surgery

#### Staff

S.O Ekenze, MBBS(Nigeria), FWACS,FICS	Professor/Head, 2006-2018
C.C Amah, MBBS(Nigeria),FWACS,FICS	Senior Lecturer
U.O Ezomike, MBBS(Nigeria), FWACS,FICS	Senior Lecturer
E.P. Nwankwo, MBBS(Port-Harcourt),FWACS	Lecturer 1
C.C Eze, Dip., A/L,(Nigeria)	Principal Executive officer 1

### **Brief History**

The Sub-Department of Paediatric Surgery was fashioned out of the parent Department of Surgery in 1976. At that period, Paediatric Surgery was an emerging, peculiar and rapidly growing specialty of Surgery and required specially trained personnel to teach the undergraduate medical students and train resident doctors.

### **Philosophy and Objective**

The Philosophy of the Sub-Department of Paediatric Surgery, Faculty of Medical Sciences, is “To strive for excellence in Paediatric Surgical Education and Research, and to continue to offer the best available solution to surgical problems among children in our country and sub-region”. The department would like to be of international standard in academics, clinical practice and research in Paediatric surgery, and to be a pacesetter and centre of excellence in paediatric surgery in Africa.

The Objective of the department is to teach, research and provide clinical services in paediatric surgery and related sciences all in an effort to restore the dignity of man.

**Admission Requirements:** As in Faculty of Medical Sciences

### **Programme/Sub-Discipline/Discipline structure to include period of formal studies in the Universities, industrial Training, Planned visit and projects**

Six-year programme comprising of three years of Basic sciences and three-Years of Clinical sciences. Paediatric Surgery training is part of the overall surgical training from the 3<sup>rd</sup> year after passing the 2<sup>nd</sup> MBBS exams and also spending 3 months of block posting in introductory pathology and Pharmacology. Their Clinical rotations and lectures take place as block postings lasting 6 – 8 weeks. There are altogether 4 clinical postings as follows:

**Surgery 1:** 8 weeks – (2<sup>nd</sup> Semester 3<sup>rd</sup> year) – Surgery in general with emphasis on history taking and clerking of Paediatric Surgical patients.

**Surgery 2:** 8 weeks – (1<sup>st</sup> Semester 5<sup>th</sup> year) – Surgery in general emphasizing physical examination and investigation of the Paediatric Surgical patient.

**Surgery 3:** 6 weeks (1<sup>st</sup> Semester 6<sup>th</sup> year) – Core posting in Paediatric surgery

**Surgery 4:** 6 weeks – (2<sup>nd</sup> Semester 6<sup>th</sup> year) – Special topics in Paediatric surgery.

During each Paediatric Surgical posting, students have didactic lectures early in the morning and then participate in clinical activities in the hospital. Most teachings are done in the clinics, operating theatres and bedside in the ward. Students clerk patients, make diagnosis and outline their plan for investigation and treatment. They are taught clinical skills and bedside manners. Students’ participation in these programmes is ensured by the use of log books which must be completed and signed before they are allowed to take the final surgery examination. Recently, to ensure a minimum level of clinical competence, a procedure book has been introduced to specify the minimum number of each procedure each student must be exposed to.

### **Course Content Specifications/syllabus of all courses in the programme/sub-Discipline**

SURG 302: Introductory Lectures in Paediatric Surgery

SURG 402: Principles of Surgery

SURG 452: Topics in Paediatric Surgery

SURG 651: Further topics in Paediatric Surgery

### **Faculty Information for M.B., B.S. Programme**

The Faculty of Medical Sciences and Dentistry offers a six year academic programme towards the M.B., B.S. Professional degree for students admitted by entrance (JME) examination, 5-year programme for students admitted by direct entry. The constituent Departments of the Faculty offer the courses leading to this single professional degree.

### **Philosophy, Scope and Objectives of the Programme**

The objective of the M.B., B.S. degree programme is to prepare students for a career in all spheres of Medicine - academic, research, general and specialist patient care, and administration. As a result, the programme aims at providing the students with a broad and sound scientific and professional foundation for the practice of medicine in any part of Nigeria or the world. The scope and content of the programme is such that the medical graduates should be competent to either practice on their own in any part of Nigeria, urban and rural, or undertake postgraduate training in local or foreign institutions. They should be conversant with standard clinical methods for the assessment of patients, be able to analyse all available data and use them to constitute an appropriate plan of action.

### Admission Requirement

Candidates are admitted into the Faculty for the M.B., B.S. programme either through the entrance mode (JME) or as direct entry students for a 6-year or 5-year programme, respectively. In addition to the University minimum entry requirements, the entrance candidates are expected to have credit passes in English Language, Physics, Chemistry, Biology and Mathematics in the Senior Secondary School final examinations or the School Certificate (SC)/General Certificate of Education (GCE) at Ordinary level in one sitting. Direct entry candidates, in addition to satisfying the above requirements, should have three (3) Advanced Level passes in Physics, Chemistry and Biology/ Zoology, in one sitting.

### Job Opportunity

Successful graduates of the M.B., B.S. degree programme are well equipped (after housemanship) for careers in Government hospitals, private practice, teaching and research in Universities or Research Institutes and Administration. They are also qualified for post-graduate training anywhere in the world.

### Surgical Separation of Siamese Twins

No birth defects have stirred the minds of people with such intensity and amazement as the birth of conjoined twins (Siamese twins). Most conjoined twins are still born, products of miscarriages, or victims of traditional rituals. The apparent incidence is recorded as 1 per 50,000 to 60,000 births. As of date 400 conjoined twins have either still joined or surgically separated in the entire world. Within the period, 1987 to 1991, a team of surgeons, anaesthetists, and nurses at the University of Nigeria Teaching Hospital embarked on the surgical separation of 3 different sets of conjoined twins namely - Pygopagus (joined by the buttocks), Craniopagus (joined by the head) and Ischiopagus (joined by the pelvis).

The Pygopagus twins was amongst a set of female triplets born (16 November, 1987) by spontaneous vaginal delivery. This birth procedure is outrightly condemned as it is engraved with high mortality for both mother and offspring. Delivery of all conjoined twins must be made by planned elective Caesarian section. Pre-natal diagnosis must be made by means of ultrasound scan, Radiology and other available investigations. At the age of 51 days, the conjoined pair were surgically separated (on 8 January, 1988). The babies (all three) are now about 13 years. The surgical success stems from adequate pre-operative study of the union and shared organs; efficient operative and post-operative management.

The Craniopagus pair (born on 9 March 1989) were surgically separated and reconstructed on 6 June, 1989 but the babies died shortly after surgery. This was a total vertical Craniopagus with an extensive fronto-parieto-occipito-temporal union. They shared an abnormal circumferential and cerebral sinus for which the surgical world has not recorded a success.

The Ischiopagus conjoined twins (born on 28 January, 1990) lived together for about one year before surgery (on 7 January, 1991). One baby died 6 hours and the other 5 weeks after surgery. In addition to other organs, they shared a single liver, pericardium and abdominal aorta. The unavailability of parental nutrition reduced their chances of survival.

### First Year

#### First Semester

BIO 101	Genetics for Medical Students	2
BIO 151	General Biology 1	3
CHM 101	Basic Practical Chemistry 1	2
CHM 171	Basic Practical Chemistry	2
PHY 101	General Physics for Life Sciences I	2
PHY 191	Practical Physics 1	2
GSP 101	Use of English	2
GSP 103	Social Sciences I	2
MTH 111	Elementary Mathematics I	3
MTH 112	Elementary Mathematics II	3
		<hr/> 23

#### Second Semester

BIO 152	General Biology II	3
BIO 153	General Biology (Practical)	2
CHM 111	Basic Principles of Chemistry II	2
CHM 121	Basic Principles of Chemistry III	2
PHY 102	General Physics for Life Sciences II	2
PHY 103	General Physics for Life Sciences III	2

GSP 102	The Use of English II	2
GSP 104	Social Sciences II	2
ZOO 121	Basic Parasitology	2
		<hr/> 19

**Second Year***First Semester*

ANA 201	Gross Anatomy I	6
ANA 203	Embryology and Genetics	1
ANA 205	Histology and Histochemistry	2
BIC 201	Introduction to Biochemistry	2
BIC 202	Chemistry of Biochemistry	2
PYS 201	General Principles and Blood and Body Fluids	2
PYS 202	Muscles, Nerves and Autonomic Nervous System	2
PHIL 131	Introduction to Logic I	2
GSP 207	Humanities I	2
		<hr/> 21

*Second Semester*

ANA 202	Gross Anatomy II	6
ANA 204	Embryology and Genetics	1
ANA 206	Histology and Histochemistry	2
BIO 203	Bioenergetics and Metabolism	3
PYS 203	Renal and GI Physiology	3
PYS 204	Cardiovascular and Respiratory Physiology	3
PHIL 132	Symbolic Logic	2
GSP 208	Humanities II	2
		<hr/> 22

**Third Year***First Semester*

ANA 301	Gross Anatomy	4
ANA 302	Embryology and Genetics	1
ANA 303	Histology and Histochemistry	1
BIC 301	Nutritional Biochemistry	2
BIC 302	Special Topics in Biochemistry	3
PYS 301	Endocrinology and Reproductive Physiology	2
PYS 302	Neurophysiology	2
PYS 303	Special Senses	1
		<hr/> 16

*Second Semester*

PHA 301	General Pharmacology	2
PHA 302	Systemic Pharmacology	2
MIC 301	Bacteriology	2
MIC 302	Virology	1
CPY 303	Mycology	1
CPY 301	Clinical Chemistry	2
CPY 303	Practical Laboratory Work	1
PAT 301	General Pathology	1
HEM 301	Basic Immunology	3
MED 301	Introduction to Clinical Medicine	2
MED 302	Cardiology I	2
MED 304	Respiratory Medicine I	2
MED 305	Gastroenterology	2
MED 306	Clinical Haematology	2
MED 307	Metabolic Disorders and Endocrine	1
MED 308	Neurology I	1
MED 309	Nephrology I	1
MED 310	Diagnostic Radiology in Medical Practice	1
SUG 301	Introduction to Clinical Surgery	1
SUG 302	General Surgery	3
SUG 303	Congenital Abn. and Endocrine Surgery	3



SUG 304	GI Surgery	3
SUG 305	Urology	1
SUG 306	Plastic Surgery and Burns	2
		<hr/> 42
<b>Fourth Year</b>		
<i>First Semester</i>		
PHA 401	Antimicrobial, Antifungal, Antiviral, Antiprotozoal Agents	2
PHA 403	DruGSP Acting on the CNS	2
PHA 405	Practicals and Demonstrations	1
MIC 401	Medical Protozoology	1
MIC 402	Practical Protozoology	1
MIC 403	Medical Helminthology	2
MIC 404	Applied Medical Microbiology	1
MIC 405	Medical Entomology	1
CPY 401	Clinical Chemistry	1
CPY 402	Human Nutrition	2
CPY 403	Practical Laboratory	2
HEM 401	General Haematology	1
HEM 402	Blood Transfusion	1
HEM 403	Practical Haematology	2
PAT 401	System Pathology	3
PAT 402	Histopathology	2
PAT 403	Forensic Medicine	25
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<i>Second Semester</i>		
PHA 402	Chemotherapy of Malignant Diseases	1
PHA 404	Special Topics	2
PHA 406	Practicals and Demonstrations	1
OBG 401	Introductory Gynaecology	3
OBG 402	Gynaecology Clinics	3
PAE 410	Introduction to Paediatrics	3
PAE 402	Nutrition, Growth and Development	2
PAE 403	Child Health and Primary Care	2
PAE 404	Diseases of the Cardiovascular and Respiratory Systems	2
PAE 405	Diseases of Digestive & Genito-Urinary Systems	2
COM 401	Introduction to Medical Statistics	1
COM 402	Human Ecology/Medical Sociology	1
COM 403	Health Statistics and Demography	1
COM 404	Research Methods in Public Health	2
COM 405	Introduction to Community Health	2
COM 406	Integrated Community Health Lectures and Endemic Diseases Clinic	2
		<hr/> 30
<b>Fifth Year</b>		
<i>First Semester</i>		
PHA 501	Clinical Pharmacology in Paediatrics/Obstetrics	2
OBG 501	Reproductive Physiology	1
OBG 502	Labour Puerperium and the Neonate	3
OBG 503	Obstetrics Clinic	8
OBG 504	Special Topics (OBG)	2
OBG 505	Special Clinics (OBG)	2
PAE 501	Endocrine and Metabolic Diseases	1
PAE 502	Diseases of the Nervous System, Muscles and Bones	1
PAE 503	Diseases of Blood	1
PAE 504	Specific Infections and Genetics	1
PAE 505	Paediatrics Oncology	1
PAE 506	Neonatology	1
COM 502	Integrated Clinical Teaching and Public Health Tutorials	2
COM 503	Computers in Medicine	1
COM 504	Primary Health Care Posting	8
		<hr/> 35

*Second Semester*

ANE 501	Resuscitation Principles and Practice of Anaesth.	2
ANE 502	Clinicals in Anaesthesiology	2
SUG 505	E.N.T	1
SUG 506	Ophthalmology	2
MED 507	Orthopaedics	2
MED 503	Dermatovenereology	2
MED 502	Psychiatry	2
RAGR 501	Tutorials in Radiology	2
		<hr/> 15

**Sixth Year***First Semester*

MED 601	Cardiology II	1
MED 602	Respiratory Medicine II	1
MED 603	Gastroenterology II	1
MED 604	Nephrology II	1
MED 605	Rheumatology and Rehabilitation	1
MED 606	Clinical Immunology	1
MED 607	Neurology II	1
MED 608	Tropical Medicine and Infections	2
SUG 601	Solid Tumours and other Neoplasms	2
SUG 602	Cardiothoracic and Vascular Surgery	2
SUG 603	Paediatric Surgery	2
SUG 604	Neurosurgery	2
MED 609	Therapeutics of Common Medical and Surgical Disorders	1
		<hr/> 18

*Second Semester*

MED 610	Medical Ethics and Jurisprudence	2
MED 611	Special Topics in Medicine	2
MED 612	Medical Harbs (Department of Pharm, and Therapeutics)	1
SUG 605	Special Topics in Surgery	3
		<hr/> 8

**Faculty of Pharmaceutical Sciences****Dean's Office***Staff*

G.C. Onunkwo, B.Pharm. M.Pharm. Ph.D. (Nigeria)	Dean
C.S. Nworu, B. Pharm. M. Pharm. Ph.D. (Nigeria)	Associate Dean
I.O. Ochiogu, LLB. B.Law. PGDE. (Nigeria)	Faculty Officer

**Department of Clinical Pharmacy and Pharmacy Management***Staff*

C. V. Ukwe, B. Pharm. M. Pharm. Ph.D. (Nigeria)	Professor
J. M. Okonta, B. Pharm. M. Pharm. Ph.D. (Nigeria)	Professor
P. O. Udeogaranya, B. Pharm. M. Pharm. (Nigeria)	Associate Professor
M. O. Adibe, B. Pharm. M. Pharm. Ph.D. (Nigeria)	Senior Lecturer/Ag. Head
C. M. Ubaka, B. Pharm. M. Pharm. Ph.D. (Nigeria)	Senior Lecturer/Ag. Head (2017-2018)
N. U. Igboeli, B. Pharm. M. Pharm. Ph.D. (Nigeria)	Lecturer I
E. E. Ayogu, B. Pharm. M. Pharm. Ph.D. (Nigeria)	Lecturer I
N. Ezugwu, MBBS. (Nigeria)	Adjunct Lecturer
M. O. Akunne, B. Pharm. (Benin), M. Pharm. (Nigeria)	Lecturer II
K. C. Amorha, B. Pharm. (Nigeria), M. Pharm. (Lagos)	Lecturer II
A. Isah, B. Pharm. (Zaria), M. Pharm. (Nigeria)	Lecturer II
G. C. Anene-Okeke, B. Pharm. (Zaria), M. Pharm. (Nigeria)	Lecturer II
M. C. Ofomata, B. Pharm. (Nigeria), M. Sc. (Pretoria)	Lecturer II
I. C. Ibezim, B. Pharm. (Zaria), M. Sc. (Bradford)	Lecturer II
B. O. Ukoha-Kalu, B. Pharm. M. Pharm. (Nigeria)	Assistant Lecturer
C. Anosike, B. Pharm. (Nigeria)	Assistant Lecturer
O. F. Dim, B. Pharm. (Nigeria)	Assistant Lecturer
A. A. Ekwuofu, B. Pharm. (Nigeria)	Assistant Lecturer

D. O. Aluh, B. Pharm. (Nigeria)  
S. Alache-Nwankwo, B. Pharm. (Nigeria)

Assistant Lecturer  
Assistant Lecturer

### **Department of Pharmaceutical and Medicinal Chemistry**

#### **Staff**

C.J. Mbah, B.Pharm. (Ife), M. Pharm. Ph.D. (Nigeria)	Professor
P.O. Osadebe, B.Pharm. (Ife), M.Phil. (Equiv. Sofia), Ph.D. (Nigeria)	Professor
N.J. Nwodo, B.Sc. M.Sc. Ph.D. (Nigeria)	Professor&Head
W.O. Obonga, B.Sc. (Uyo), M.Sc. Ph.D. (Nigeria)	Senior Lecturer
E.O. Omeje, B.Pharm. M.Pharm. Ph.D. (Nigeria)	Senior Lecturer
P.F. Uzor, B.Pharm. M.Pharm. Ph.D. (Nigeria)	Lecturer I
C.O. Nnadi, B.Pharm. M.Pharm. (Nigeria)	Lecturer I
M.O. Agbo, B.Sc. (Awka), M.Sc. Ph.D. (Nigeria)	Lecturer I
F.I. Eze, B.Sc. M.Sc. (Nigeria)	Lecturer II
A. Ibezim, B.Sc. M.Sc. (Nigeria)	Lecturer II
S.N. Okafor, B.Sc. (Awka), B.Pharm. M.Sc. (Nigeria)	Lecturer II
C.M. Onah, B.Sc. (Nigeria), PGDE. (Enugu), M.Sc. (Nigeria)	Lecturer II
F.N. Igu, B.Ed. (Delta)	Higher Tech. Officer II
N.A. Adeyemo, B.Sc. (Ife)	Higher Tech. Officer II

### **Department of Pharmaceutical Microbiology & Biotechnology**

#### **Staff**

E.C. Ibezim, B.Pharm. M.Pharm. Ph.D. (Nigeria)	Professor/Head
E.B. Onuigbo, B.Pharm. M.Pharm. Ph.D. (Nigeria)	Senior Lecturer
D.C. Okechukwu, B.Pharm. M.Pharm. Ph.D. (Nigeria)	Senior Lecturer
D.C. Odimegwu, B.Pharm. M. Pharm. (Nigeria), Ph.D. (Germany)	Senior Lecturer
C.O. Eze, B.Pharm. M.Pharm. (Nigeria)	Lecturer II
C.C. Eze, B.Sc. M.Sc. Ph.D. (Nigeria)	Lecturer II
R.C. Onwusoba, B.Pharm. PGDE (Nigeria), MPH. (Owerri), M.Pharm. (Nigeria)	Lecturer II
T.H. Gugu, B.Pharm. M.Pharm. (Nigeria)	Lecturer II
M.I. Ngwu, B.Sc. (Enugu), M.Sc. Ph.D. (Nigeria)	Lecturer II
M.C. Agbo, B.Sc. M.Sc. Ph.D. (Nigeria)	Assistant Lecturer
C.A. Ozioko, B.Sc. M.Sc. (Nigeria)	Assistant Lecturer
E.N. Ezeibe, B.Pharm. (Nigeria)	Assistant Lecturer
P.N. Onyi, B.Sc. (Awka), M.Sc. (Nigeria)	Assistant Lecturer
D.P. Berebon, B.Sc. M.Sc. (Rivers)	Assistant Lecturer
C.F. Okpalanwa, B.Sc. (Awka), B.Pharm. (Nigeria)	Assistant Lecturer
C.N. Ugwu, B.Pharm. (Nigeria)	Assistant Lecturer
S.A. Evurani, B.Sc. (Enugu), M.Sc. (Ile-Ife)	Assistant Lecturer
O.I. Chibuike, HND. B.Sc. (Enugu)	Principal Exec. Officer I
C.C. Muogbo, HND. (Nigeria)	Principal Technologist
O.S. Igboeme, HND. (Nigeria)	Technologist
D.A. Ezech, HND. (Nigeria)	Technologist II
C.V. Ugwu, B.Sc. (Enugu)	System Analyst II
U.U. Odo, B.Sc. (Enugu)	Higher Technical Officer II
C.O. Ibezim, HND. (Abia)	Higher Technical Officer II
I.A. Obayi, B.Sc. (Enugu)	Higher Technical Officer II
M.I. Achiduru, B.Sc. (Nigeria)	Higher Technical Officer II
C.A. Asogwa, B.Sc. (Nigeria)	Higher Technical Officer II
L.C. Agada, B.Sc. (Ebonyi)	Higher Technical Officer II
T.O. Uchenna, OND. (Gboko)	Data Processing Officer
F.U. Agbo, B.Sc. (Uli)	Higher Technical Officer II
A.E. Muodili, B.Sc. (Enugu)	Higher Technical Officer II
B.E. Ogbu, B.Sc. (Okija)	Senior Lab. Supervisor
F.U. Osuji, OND. (Oko)	Lab. Supervisor

**Department of Pharmaceutical Technology and Industrial Pharmacy****Staff**

S.I. Ofoefule, B.Pharm., M.Pharm., Ph.D. (Nigeria) MPSN, MIPAN, FIAA	Professor/Head
A. Chukwu, B.Pharm., M.Pharm., Ph.D. (Nigeria) MPSN, PCPharm., FAP	Professor
G.C. Onukwo, B.Pharm., M.Pharm., Ph.D. (Nigeria) MPSN, MIPAN	Professor
J.O. Onyechi, B.Pharm., M.Pharm., Ph.D. (Nigeria) MPSN	Professor
I. V. Onyishi, B.Pharm., M.Pharm., Ph.D. (Nigeria) MPSN	Senior Lecturer
N. C. Obitte, B.Pharm., M.Pharm., Ph.D. (Nigeria) MPSN	Senior Lecturer
C. O. Agubata, B.Pharm., M.Pharm., Ph.D. (Nigeria) MPSN	Lecturer I
C.C. Mbah, B.Pharm., M.Pharm., Ph.D. (Nigeria) MPSN	Lecturer I
O.N.C. Umeh, B.Pharm., M.Pharm. (Nigeria) MPSN	Lecturer I
S. A. Chime, B.Pharm., M.Pharm. (Nigeria) MPSN	Lecturer I
C.E. Ugwu, B.Pharm., M.Pharm. (Nigeria) MPSN	Lecturer II
J.I. Ogbonna, B.Pharm., M.Pharm. (Nigeria) MPSN	Lecturer II
U. Nwajie, B.Pharm. (Igbenedion)	Assistant Lecturer
R.C. Odo, HND (NIST)	Chief Technologist
	Senior Data Processing
G.O. Nwodo, RSA wpm, Pitman 35wpm, ICT	Officer II
G.C. Ugeu, HND, NIST	Technologist I

**Department of Pharmaceutics****Staff**

V.C. Okore, B.Pharm. M.Pharm. Ph.D. (Nigeria)	Professor
M.U. Adikwu, B.Pharm. M.Pharm. Ph.D. (Nigeria)	Professor
A.A. Attama, B.Pharm. M. Pharm. Ph.D. (Nigeria)	Professor
K.C. Ofokansi, B.Pharm. M.Pharm. Ph.D. (Nigeria)	Professor
P.A. Akpa, B.Pharm. M.Pharm. (Nigeria), B.Theology. Ph.D. (Spain)	Senior Lecturer/Head
P.O. Nnamani, B.Sc. M.Pharm. Ph.D. (Nigeria)	Senior Lecturer
M.A. Momoh, B.Pharm. (Zaria), M.Pharm. Ph.D. (Nigeria)	Senior Lecturer
F.C. Kenechukwu, B.Pharm. M.Pharm. Ph.D. (Nigeria)	Lecturer I
J.D.W. Ogbonna, B.Pharm. M.Pharm. (Nigeria)	Lecturer II
J.N. Reginald-Opara, B.Pharm. M.Pharm. (Nigeria)	Lecturer II
L.A. Onugwu, B.Pharm. M.Pharm. (Nigeria)	Lecturer II
C.P. Agbo, B.Pharm. M.Pharm. (Nigeria)	Lecturer II
A.C. Echezona, B.Pharm. (Nigeria)	Assistant Lecturer
C.S. Nwagwu, B.Pharm. (Nigeria)	Assistant Lecturer
S.W. Uzundu, B.Pharm. (Nigeria)	Assistant Lecturer
F.C. Otuu, HND (Nigeria), M.Sc. (Nigeria)	Principal Technologist
H.N. Offor, HND. (Nigeria)	Laboratory Technologist II
S.N. Ome, B.Ed. (Nigeria)	Senior Data Processing
	Officer II
K.E. Nwoba, HND. (Nigeria)	Higher Technical Officer II

**Department of Pharmacognosy and Environmental Medicines****Staff**

S.I. Inya-Agha, B.Pharm. (Nigeria), M.Phil. (Zaria), Ph.D. (Nigeria)	Professor/HOD
C.O. Ezugwu, B.Pharm. M.Pharm. Ph.D. (Nigeria)	Professor
U.E. Odoh, B.Sc. M.Sc. Ph.D. (Nigeria)	Professor
C.E.C. Ugwoke, B.Sc. M.Sc. Ph.D. (Nigeria)	Senior Lecturer
S.C. Ezea, B.Pharm. M.Pharm. (Nigeria)	Senior Lecturer
M.A. Ezejiofor, B.Pharm. M.Pharm. (Nigeria)	Lecturer I
M.T. Kenne, B.Sc. M.Sc. (Dschang), Ph.D. (Yaounde)	Lecturer I
V.O. Chukwube, B.Pharm. M.Pharm. (Nigeria)	Lecturer II
P.N. Ugwu, B.Pharm. M.Pharm. (Nigeria)	Lecturer II
E.O. Okonta, B.Pharm. M.Pharm. (Nigeria)	Lecturer II
O.H. Udodeme, B.Pharm. (Nigeria), M.Pharm. (Nigeria)	Lecturer II
E.O. Diovu, B.Pharm. M.Pharm. (Nigeria)	Lecturer II
E.O. Obiasogu, B.Pharm. M.Pharm. (Nigeria)	Lecturer II
M.O. Chukwuma, B.Pharm. M.Pharm. (Nigeria)	Lecturer II

S.P.G. Gaza, B.Sc. (Jos), M.Sc. (Nigeria)  
 J.O. Onoja, B.Sc. (Kogi), M.Sc. (Jos)  
 P.F. Onyekere, B.Pharm. (Nigeria)  
 F.I. Nwafor, B.Sc. M.Sc. (Nigeria)

Lecturer II  
 Lecturer II  
 Lecturer II  
 Higher Tech. Officer II

### **Department of Pharmacology and Toxicology**

#### **Staff**

P.A. Akah, B.Sc. M.Sc. Ph.D. (Ibadan)  
 C.O. Okoli, B.Pharm. M.Pharm. Ph.D. (Nigeria)  
 O.O. Ndu, B.Pharm. M.Pharm. (Nigeria), Ph.D. (Aberdeen, UK)  
 A.C. Ezike, B.Pharm. M.Pharm. Ph.D. (Nigeria)  
 T.C. Akunne, B. Pharm. M.Pharm. Ph.D. (Nigeria)  
 C.S. Nworu, B. Pharm. M.Pharm. Ph.D. (Nigeria)  
 P. Nwonu, B.Sc. M.Sc. (Anambra), Ph.D. (Nigeria)  
 I.A. Nwabunike, B. Pharm. M.Pharm. Ph.D. (Nigeria)  
 F.N. Mbaaji, B. Pharm. M.Pharm. (Nigeria)  
 C.A. Onyeto, B. Pharm. M.Pharm. (Nigeria)  
 M.N. Ofokansi, B.Pharm. M.Pharm. (Nigeria)  
 B.C. Obi, B.Sc. M.Sc. (Nigeria)  
 A.M.T. Onwuka, B. Pharm. M.Pharm. (Nigeria)  
 O. Isiogugu, B. Pharm. M.Pharm. (Nigeria)  
 I. Peter, B. Pharm. M.Pharm. (Nigeria)  
 C.U. Abonyi, B.Sc, M.Sc. (Nigeria)  
 N.A. Okorie, HND. B.Sc. M.Sc. (Nigeria)

Professor  
 Professor/Head  
 Senior Lecturer  
 Senior Lecturer  
 Senior Lecturer  
 Senior Lecturer  
 Lecturer I  
 Lecturer I  
 Lecturer I  
 Lecturer I  
 Lecturer II  
 Lecturer II  
 Assistant Lecturer  
 Assistant Lecturer  
 Assistant Lecturer  
 Assistant Lecturer  
 Assistant Chief Technologist

### **General Information and Academic Programme (Faculty)**

#### **Objective**

The programme leads to degree of Bachelor of Pharmacy (B. Pharm.). The courses are designed to give the students a good grounding in the main disciplines of Pharmacy including Pharmaceutics, Pharmaceutical Technology, Pharmaceutical and Medicinal Chemistry, Pharmacognosy and Environmental Medicines, Pharmaceutical Microbiology, Pharmacy Management, Pharmacology and Toxicology, Clinical Pharmacy and Forensic Pharmacy. Graduates are expected to be well equipped for professional practice, subject to the regulations of the Pharmacists Council of Nigeria, and for other scientific pursuits in allied fields.

#### **Philosophy and Scope**

The purpose of the programme is to offer the student an all-embracing education and hence produce a person not just specialized in Pharmacy education but also having a general knowledge in most areas. With this as a basis, the Faculty programme additionally prepares the students of every facet of practice. This is all centred on a deep sense and respect for human life.

#### **Entry Requirements**

##### **Five Year Programme**

Candidates seeking admission to a five-year programme by entrance examination are Required to possess credit in English Language, Chemistry, Mathematics, Physics and Biology in the West African School Certificate or its equivalent, in addition to the minimum University requirement prior to admission.

##### **Four Year Programme**

Direct entry students seeking admission to the four-year programme must have a pass in Chemistry, Physics plus Biology or Botany or Zoology at the Higher School Certificate (Principal Level) with credit in English and Mathematics in the West African School Certificate examination or its equivalent. The passes at the Advanced level should have been obtained at not more than two sittings. First degree and Higher National Diploma (HND) in related subjects may be accepted.

#### **Job Opportunities**

Candidates normally have career prospects in various branches of the Pharmacy profession, namely, Hospital, Wholesale and Retail Pharmacy practice, Pharmaceutical Industry, Teaching and Government service.

**Departments in the Faculty**

1. Department of Pharmaceutical Technology & Industrial Pharmacy
2. Department of Pharmaceutics
3. Department of Pharmaceutical and Medicinal Chemistry
4. Department of Pharmacognosy & Environmental Medicine
5. Department of Pharmacology & Toxicology
6. Department of Clinical Pharmacy & Pharmacy Management.

**Stress Areas**

Introduction	0
Pharmaceutical Technology & Industrial Pharmacy	1
Pharmaceutics	2
Pharmaceutical and Medicinal Chemistry	3
Pharmacognosy and Environmental Medicine	4
<i>Physiology, Biochemistry and Pharmacology</i>	5
Pharmacy Management and Administration	6
Forensic Pharmacy	7
Clinical Pharmacy and Therapeutics	8
Research Project	9

**Standard Five Year Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
MTH 111	General Mathematics I (Algebra & Trigonometry)	3
MTH 112	General Mathematics II (Calculus)	3
PHY 101	General Physics for Life Sciences	2
PHY 191	Practical Physics	2
CHEM101	Basic Principles of Chemistry I	2
CHEM171	Basic Practical Chemistry	2
BIO 151	General Biology I	3
<b>General Studies Courses</b>		
GSP 101	Use of English	2
GSP 103	Social Science	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
PHY 102	General Physics for Life Sciences II	2
PHY 103	General Physics for Life Sciences III	2
CHEM 111	Basic Principles of Chemistry II	2
CHEM 121	Basic Principles of Chemistry III	2
BIO 152	General Biology II	3
BIO 153	Practical General Biology	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 104	Social Science II	2
		<hr/> 17

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
PHARM 211	Introduction to Unit Operations	2
PHARM 213	Practical Unit Operations	1
PHARM 223	Basic Pharmaceutical Microbiology	2
PHARM 225	Practical Basic Pharmaceutical Microbiology	1
PHARM 231	Pharmaceutical Chemistry I	3
PHARM 233	Practical Pharmaceutical Chemistry I	1
PHARM 241	Pharmacognosy IA	2

PHARM 255	Basic Pharmaceutical Biochemistry	2
PHARM 257	Practical Basic Pharmaceutical Biochemistry	1
PHARM 251	Human Physiology	2
<b>General Studies Courses</b>		
GSP 207	Humanities I	2
		19
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PHARM 202	Pharmaceutical Calculations	2
PHARM 222	Pharmaceutics I (Dispensing)	3
PHARM 224	Practical Pharmaceutics I	1
PHARM 242	Practical Pharmacognosy IA	1
PHARM 244	Pharmacognosy IB	2
PHARM 256	Applied Pharmaceutical Biochemistry	3
PHARM 282	Introduction to Pharmacy Practice	1
PHARM 284	Anatomy and Histology	2
PHARM 286	Practical Anatomy and Histology	1
<b>General Studies Course</b>		
GSP 208	Humanities II	3
		18
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PHARM 311	Pharmaceutical Technology II	3
PHARM 313	Practical Pharmaceutical Technology II	1
PHARM 331	Pharmaceutical Chemistry IIA	3
PHARM 341	Pharmacognosy II	3
PHARM 343	Practical Pharmacognosy II	1
PHARM 351	Pharmacology IIA	2
PHARM 353	Practical Pharmacology IIA	1
PHARM 361	Pharmacy Administration (Economics)	2
<b>Required Ancillary Courses</b>		
STA 202	Statistics for Biological Sciences	2
COS 101	Introduction to Computer Science	2
		20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PHARM 332	Practical Pharmaceutical Chemistry II	1
PHARM 334	Pharmaceutical Chemistry IIB	3
PHARM 344	Phytoevaluation	2
PHARM 346	Practical Phytoevaluation	1
PHARM 354	Pharmacology IIB	2
PHARM 356	Practical Pharmacology IIB	1
PHARM 362	Pharmacy Administration (Management)	3
PHARM 382	Biopharmaceutics	3
<b>Required Ancillary Courses</b>		
STA 205	Statistics for Biological Sciences	2
COS 304	Applications of Computer to Pharmacy	2
		20
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PHARM 421	Pharmaceutics III	4
PHARM 423	Practical Pharmaceutics III	2
PHARM 431	Pharmaceutical Chemistry IIIA	2

PHARM 435	Pharmaceutical Analysis	2
PHARM 437	Practical Pharmaceutical Analysis	1
PHARM 441	Phytomedicinal Analysis	2
PHARM 443	Practical Phytomedicinal Analysis	1
PHARM 451	Pharmacology IIIA	2
PHARM 453	Practical Pharmacology IIIA	1
PHARM 481	Pathology for Pharmacy Students	3
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

PHARM 412	Pharmaceutical Technology III	3
PHARM 414	Practical Pharmaceutical Technology III	1
PHARM 416	Cosmetic Science and Technology	1
PHARM 424	Advanced Practical Dispensing	1
PHARM 432	Practical Pharmaceutical Chemistry III	1
PHARM 434	Pharmaceutical Chemistry IIIB	1
PHARM 454	Pharmacology IIIB	2
PHARM 472	Forensic Pharmacy	2
PHARM 484	Introduction to Clinical Pharmacy	2
PHARM 486	Clinical Pharmacokinetics	2
		<hr/> 16

**Fifth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

PHARM 521	Pharmaceutics IV	3
PHARM 531	Pharmaceutical Chemistry IV	3
PHARM 533	Pharmaceutical Analysis II	1
PHARM 541	Phytochemistry and Environmental Medicines	2
PHARM 551	Pharmacology IV	4
PHARM 581	Pharmacotherapeutics	4
		<hr/> 17

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

PHARM 512	Industrial Pharmacy & Process Validation	4
PHARM 582	Clinical Clerkship	5
PHARM 584	Literature Evaluation & Drug Information	2
PHARM 592	Project	5
		<hr/> 16

Admission by Direct Entry

**Four-Year Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

PHARM 211	Introduction to Unit Operations	2
PHARM 213	Practical to Unit Operations	1
PHARM 223	Basic Pharmaceutical Microbiology	2
PHARM 225	Practical Pharmaceutical Microbiology	1
PHARM 231	Pharmaceutical Chemistry I	3
PHARM 233	Practical Pharmaceutical Chemistry I	1
PHARM 241	Pharmacognosy IA	2
PHARM 251	Human Physiology	2
PHARM 255	Basic Pharmaceutical Biochemistry	2
PHARM 257	Practical Basic Pharmaceutical Biochemistry	1

**Required Ancillary Course**

MTH 112	General Mathematics (Calculus)	3
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**General Studies Courses**

GSP 101	The Use of English	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

PHARM 202	Pharmaceutical Calculations	2
PHARM 222	Pharmaceutics I (Dispensing)	3
PHARM 224	Practical Pharmaceutics	1
PHARM 242	Practical Pharmacognosy IA	1
PHARM 244	Pharmacognosy IB	2
PHARM 252	Practical Physiology IB	1
PHARM 254	Human Physiology IB	2
PHARM 256	Applied Pharmaceutical Biochemistry	3
PHARM 282	Introduction to Pharmacy Practice	1
PHARM 284	Anatomy/Histology	2
PHARM 286	Practical Anatomy/Histology	1

**General Studies Courses**

GSP 102	The Use of English	2
		<hr/> 21

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

PHARM 311	Pharmaceutical Technology I	3
PHARM 313	Practical Pharmaceutical Technology I	1
PHARM 331	Pharmaceutical Chemistry II	3
PHARM 341	Pharmacognosy II	3
PHARM 343	Practical Pharmacognosy II	1
PHARM 351	Pharmacology I	2
PHARM 353	Practical Pharmacology I	1
PHARM 361	Pharmacy Administration (Economics)	2

**Required Ancillary Courses**

STA 202	Statistics for Biological Sciences	2
COS 101	Introduction to Computer Science	2

**General Studies Courses**

GSP 103	Social Sciences OR	2
GSP 207	Humanities	
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

PHARM 332	Practical Pharmaceutical Chemistry II	1
PHARM 334	Pharmaceutical Chemistry IIB	3
PHARM 344	Phytoevaluations	2
PHARM 346	Practical Phytoevaluations	1
PHARM 354	Pharmacology II	2
PHARM 356	Practical Pharmacology II	1
PHARM 362	Pharmacy Administration (Management)	3
PHARM 382	Biopharmaceutics	3

**Required Ancillary Courses**

STA 205	Statistics for Biological Sciences	2
COS 304	Applications of Computer to Pharmacy	2

**General Studies Courses**

GSP 104	Social Sciences or	2
GSP 208	Humanities II	
		<hr/> 22

**Third and Fourth Years Are the Same as the Fourth and Fifth Years, Respectively of the Five-Year Standard Programme**



New Faculty of Pharmaceutical Sciences being completed for commissioning

**Faculty of Physical Sciences****Dean's Office****Staff**

F.I. Ugwuowo, B.Sc. (Nigeria), M.Sc., Ph.D.	Dean
U.C. Okoro, B.Sc. (Lagos), M.Sc., Ph.D. (Nigeria)	Associate Dean
J.O. Nwangwu, B.Sc. (Ebonyi)	Faculty Officer
F.I. Arumede, HND, B.Sc., PGDE (Enugu), M.Sc. (Owerri)	Principal Conf. Secretary
B.I. Omeke, OND, B.Sc. (Nigeria)	Chief Executive Officer
H.U. Akubue, B.A (Nigeria), M.Sc. (Bedfordshire, UK)	Assistant Registrar
O.E. Obidike, B.Sc. (Nigeria)	Principal Exec. Officer I
A.A. Ngwu, B.Ed. (Nigeria)	Principal Exec. Officer II
J.A. Ozomadu, NCE	Senior Executive Officer
E.O. Anyaogu, OND	Machine Room Supervisor
D.O. Anizoba, OND	Data Processing Officer
J.I. Ugwuja, NCE	Assistant Executive Officer

**Department of Computer Science****Staff**

F.S. Bakpo, Ph.D. (Enugu), M. Eng. (Almaty)	Professor
M.N. Agu, Ph.D. (Abakaliki), M.Sc. (Nigeria), B.Sc. (Ibadan)	Senior Lecturer
A. Eneh, Ph.D. (Middlesex), M.Sc., MBA, PGD, B.Sc.(Nigeria)	Senior Lecturer
O.E. Oguike, M.Sc. (QMW), PGD (QMW), B.Sc. (Lagos)	Senior Lecturer
S. C. Echezona, M.Sc., B.Sc. (Nigeria)	Senior Lecturer
G.E. Okereke, Ph.D., M.Sc. (Nigeria), B.Eng. (Enugu), Senior Lecturer	
M.C. Okoronkwo Ph.D. (Abakaliki), M.Sc. (Awka), PGD (Enugu), HND (IMT)	Senior Lecturer
M.E. Ezema, Ph.D. (Abakaliki), M.Sc. (Enugu), B.Sc. (Nigeria)	Lecturer I
D.U. Ebem, M.Sc. (TuDelf), Ph.D., M.Sc. (Abakaliki), PGD (Enugu), B.Eng. (Enugu)	Senior Lecturer
C. N. Udanor, Ph.D., M.Sc. (Nigeria), B. Eng (Enugu)	Senior Lecturer
O.E. Chinwuko, M.Sc. (Nigeria), B.Sc. (Enugu)	Lecturer I
Ugwuishiwi, M.Sc., B.Sc. (Nigeria)	Lecturer I
O. A Ezugwu M.Sc., B.Sc. (Nigeria)	Lecturer I
H. Nwagwu, Ph.D., M.Sc., B.Sc.	Lecturer II
G.G. Anichebe, M.Sc., B.Sc. (Nigeria)	Assistant Lecturer
S.O. Aneke, M.Sc., B.Sc.	Assistant Lecturer
I.A. Ogbodo, M.Sc., B.Sc. (Nigeria)	Assistant Lecturer
U.T. Mgbob,	Assistant Lecturer
B.O. Ogbuokiri, M.Sc., B.Sc. (Nigeria)	Assistant Lecturer
C.I. Nwoye, M.Sc., B.Sc. (Nigeria)	Assistant Lecturer
E. C. Ukekwe, M.Sc., B.Sc. (Nigeria)	Assistant Lecturer
I. Uzo, B.Sc. (Nigeria)	Graduate Assistance

**Brief History**

The Department started in 175 as a sub department under the Faculty of Physical Sciences, with the following combined honours degrees: B.Sc. in Computer Science and Mathematics, B.Sc. in Computer Science and Physics, B.Sc. in Computer Science and Statistics. In 181, she assumed the status of a full department and started the single honours degree in Computer Science, in addition to the three combined programmes listed above. The department received full NUC Accreditation in 2001 and 2014 and currently holds a linkage programme with TU DELFT in 2007. In 2003, the department started an affiliation of its postgraduate programme with the Digital Bridge Institute, Abuja.

**Philosophy**

The vision statement of the Department is to provide the enabling environment for the effective and efficient evolution of highly motivated staff and students with strong determination and impetus to compete globally, and in consonance with the mission statement of the University, the Department is determined to advance the frontiers of research and academia in the perspective of information technology, by the development of internationally competitive manpower.

In keeping faith with the vision and mission of the Department, the academic and research programmes in Computer Science are structured to enable the students to develop the requisite potential and capacity for dependable professionalism in industry and academia.

### Scope

The Department of Computer Science offers the following four-year Degree programmes.

- i. B.Sc. (Hons.) in Computer Science
- ii. B.Sc. Combined (Hons.) in Computer Science and Statistics  
This is a multi-disciplinary programme, where the students combine courses from the Department of Computer Science and the Department of Statistics.
- iii. B.Sc. Combined (Hons.) in Computer Science and Mathematics  
This is a multi-disciplinary programme, where the students combine courses from the Department of Computer Science and the Department of Mathematics.
- iv. B.Sc. Combined (Hons.) in Computer Science and Physics  
This is a multi-disciplinary programme, where the students combine courses from the Department of Computer Science and the Department of Physics.

In each of the above Degree programme, students are expected to participate in the six months Students' Industrial Work Experience Scheme. At the end of the industrial training, they are expected to present seminar on the industrial training.

The department also offers the following service courses to other faculties in the university.

- COS101, Introduction to Computer Science for other faculties.
- COS304, Computer Applications

### Objectives

1. To teach the core areas of Computer Science and its application to the development of modern computing and digital communication (including internet based systems).
2. To provide students with a wide range of skills that will be needed for the analysis, design and implementation of a piece of computer hardware and software.
3. To train students who will be employed in the various organization or self-employed.
4. To promote and encourage active research in the area of Computer Science and allied discipline.

### Entry Requirements

#### University Tertiary Matriculation Examination (UTME)

In addition to the minimum University entry requirements, candidates must possess at least, Credit in English Language, Mathematics, Physics and any two subjects from Chemistry, Biology, Further Mathematics, and Statistics at the WASSCE, SSCE, GCE or equivalent examinations in at most *two* sittings.

#### Direct Entry (DE)

Direct entry candidates also do four years. But direct entry candidate who possesses the Diploma in Computer and Basic Physical Sciences or Diploma in Statistics and Computer Application from our Faculty may be considered on individual merit, for a waiver of some courses.

#### Job Opportunities:

Graduates of the department can be employed as Programmers, System Analysts and Designers, Software Developers, Information System Managers, Computer Network Administrators and Managers in Ministries (State/Federal) and any private organizations. They can also be employed as teachers and researchers at tertiary institutions.

### B.Sc. (Hons), Computer Science

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
COS 101	Introduction to Computer Science	2
<b>Required Ancillary Course</b>		
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
PHY 115	General Physics For Physical Sciences I	2
PHY 111	Practical Physics	2

**General Studies Course**

GSP 101	Use of English I	2
GSP 111	Use of Library	2
<b>Electives (Choose one course from the following:)</b>		2or3
BIO 151	General Biology I	3
CHM 101	Basic Principles of Chemistry I	2
ENG 101	Introduction to Engineering	2
STA 131	Inference I	2
		<hr/> 18/19

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
COS 102	Introduction to Computer Systems	2
COS 104	Computing Practice	2
<b>Required Ancillary Course</b>		
MTH 122	Elementary Mathematics III	3
PHY 116	General Physics for Physical Sciences II	2
PHY 118	General Physics for Physical Sciences III	2
<b>General Studies Course</b>		
GSP 102	Use of English II	2
<b>Electives (Choose 3 or 4 units from the following:)</b>		3or4
BIO 152	General Biology	3
CHM 112	Basic Principles of Chemistry II	2
ENG 102	Applied Mechanics	3
MTH 132	Elementary Mechanics I	3
STA 132	Inference II	2
STA 172	Statistical Computing I	2
		<hr/> 16/17

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
COS 201	Computer Programming I	2
COS 251	Assembly Language Programming	2
<b>Required Ancillary Course</b>		
MTH 215	Linear Algebra I	2
STA 205	Statistics for Physical Sciences. & Engr. I	2
<b>General Studies Courses</b>		
GSP 201	Social Sciences I	2
GSP 207	Humanities I	2
<b>Electives (Choose any two courses from the following:)</b>		6
EEE 211	Basic Electrical Engineering	3
MTH 211	Sets, Logic and Algebra	3
MTH 221	Real Analysis I	3
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
COS 202	Computer Programming II	2
COS 222	Introduction to file Processing	2
<b>General Studies Courses</b>		
GSP 202	Social Sciences II	2
GSP 208	Humanities II	2
<b>Electives (Choose a minimum of 8 units from the following:)</b>		8
MTH 216	Linear Algebra II	2
MTH 222	Elementary Differential Equations I	3
MTH 242	Mathematical Methods I	3
STA 206	Statistics for Physical Sciences & Engr. II	2
		<hr/> 16

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 301	Introduction to Digital Design	2
COS 303	Introduction to Microcomputer Systems	2
COS 311	Numerical Methods I	2
COS 331	Compiler Construction I	2
COS 333	Operating Systems I	2
COS 341	Computer Architecture I	2

**Ancillary Courses**

CED 341	Introduction to Entrepreneurship	2
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**Electives (Choose COS 313 or MTH 341 plus one other course from the following:)** 5or6

COS 313	Switching Algebra & Discrete Structures I	2
MTH 341	Discrete Mathematics I	3
COS 315	Operations Research I	2
COS 321	Database Design & Management I	2
COS 335	Systems Analysis and Design	2
ECE 311	Circuit Theory I	3
ECE 321	Physical Electronics	3

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 19/20
**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 352	Data Structures	2
COS 372	Laboratory for Digital Design	3
COS 374	Students Industrial Work Experience	4

**Ancillary Courses**

CED 342	Business Development & Management	2
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**Electives (Choose COS 314 or MTH 342 plus 5 or 6 units from the following:)** 7or8

COS 314	Switching Algebra and Discrete Structures II	2
MTH 342	Discrete Mathematics II	2
COS 316	Automata Theory and Formal Languages	2
COS 322	Database Design & Management II	2
COS 334	Operating Systems II	2
COS 342	Computer Architecture II	2
ECE 312	Circuit Theory II	3
ECE 322	Applied Electronics	2

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**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 451	Algorithms	2
COS 461	Organization of Programming Language	2
COS 471	Project	6

**Electives (Choose any three courses from the following:)** 6

COS 411	Numerical Methods II	2
COS 415	System Modelling and Simulation	2
COS 413	Queuing Theory	2
COS 431	Software Design and Management	2
COS 453	Computer Process Control	2
COS 455	Data Communication & Networks I	2
COS 457	Computer Graphics	2

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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 452	Computer Centre Management	2
COS 462	Structured Programming	2

**Electives (Choose any six courses from the following :)**

12 or 13

COS 414	Operations Research II	2
COS 412	Computer Performance Evaluation	2
COS 432	Compiler Construction II	2
COS 454	Artificial Intelligence	2
COS 456	Data Communication & Networks II	2
COS 458	Expert Systems	2
COS 464	Concurrent Programming	2
COS 472	Advanced Digital Laboratory	2

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16/17**B.Sc. (Hons) Computer Science/Mathematics****First Year****First Semester**

CODE TITLE

UNITS

**Major Courses**

COS 101	Introduction to Computer Science	2
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3

**Required Ancillary Course**

PHY 115	General Physics For Physical Sciences I	2
CHM 101	Basic Principle of Chemistry I	2

**General Studies Course**

GSP 101	Use of English I	2
GSP 111	Use of Library	2

**Electives (Choose one course from):**

2or3

BIO 151	General Biology I	3
STA 111	Probability I	2
STA 131	Inference I	2

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18/19**Second Semester**

CODE TITLE

UNITS

**Major Courses**

COS 102	Introduction to Computer Systems	2
COS 104	Computing Practice	2
MTH 122	Elementary Mathematics III	3
MTH 132	Elementary Mechanics I	3

**Required Ancillary Courses**

PHY 116	General Physics for Physical Sciences II	2
PHY 118	General Physics for Physical Sciences III	2

**General Studies Course**

GSP 102	Use of English II	2
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**Electives (Choose one course from):**

2or3

BIO 152	General Biology II	3
CHM 112	Basic Principles of Chemistry II	2
STA 112	Probability II	2
STA 132	Inference II	2

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18/19**Second Year****First Semester**

CODE TITLE

UNITS

**Major Courses**

COS 201	Computer Programming I	2
COS 251	Assembly Language Programming	2
MTH 211	Sets, Logic and Algebra	3
MTH 215	Linear Algebra I	2
MTH 221	Real Analysis I	3

**Required Ancillary Course**

STA 203	Statistics for Physical Sciences and Engineering I	2
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**General Studies Course**

GSP 201	Social Sciences I	2
GSP 207	Humanities I	2
		18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 202	Computer Programming II	2
COS 222	Introduction to file Processing	2
MTH 216	Linear Algebra II	2
MTH 222	Elementary Differential Equations I	3
MTH 224	Introduction to Numerical Analysis	3

**Required Ancillary Courses**

STA 206	Statistics for Physical Sciences and Engineering II	2
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**General Studies Courses**

GSP 202	Social Sciences II	2
GSP 208	Humanities II	2
		18

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 301	Introduction to Digital Design	2
COS 333	Operating Systems I	2
COS 341	Computer Architecture I	2
MTH 311	Abstract Algebra I	3
MTH 327	Elementary Differential Equations II	3
MTH 331	Introduction to Mathematical Modelling	3

**Required Ancillary Courses**

CED 341	Introduction to Entrepreneurship	2
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**Electives: (Choose two courses from the following with one from each department: Your selection must include either COS 313 or MTH 341)** 5or6

COS 303	Introduction to Microcomputer Systems	2
COS 311	Numerical Methods I	2
COS 313	Switching Algebra & Discrete Structures I	2
COS 315	Operations Research I	2
COS 321	Data Base Design & Management I	2
COS 331	Compiler Construction I	2
COS 335	Systems Analysis and Design	2
MTH 321	Metric Space Topology	3
MTH 337	Optimization Theory I	2
MTH 33	Analytical Dynamics	3
MTH 341	Discrete Mathematics	3

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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 352	Data Structures	2
COS 374	Students Industrial Work Experience	4
MTH 312	Abstract Algebra II	3
MTH 326	Real Analysis II	3

**Electives (Choose 3 courses from the following with at least one from each department: Your selection must include either COS 314 or MTH 342)** 6 or 7

COS 314	Switching Algebra and Discrete Structures II	2
COS 316	Automata Theory and Formal Languages	2
COS 322	Database Design & Management II	2
COS 334	Operating Systems II	2
COS 342	Computer Architecture II	2
MTH 338	Optimization Theory II	2
MTH 336	Dynamics of Rigid Body	3
MTH 342	Discrete Mathematics II	2



**Required Ancillary Courses**

CED 342	Business Development & Management	2
		<hr/> 20/21

**Fourth Year****Computer Science/Mathematics****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 471	Project	6
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or

MTH 452	Project	4
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**Electives****(Choose 5 courses from the following with at least 2 courses from each department)** 12or13

COS 411	Numerical Methods II	2
COS 451	Algorithms	2
COS 453	Computer Process Control	2
COS 455	Data Communication & Networks I	2
COS 457	Computer Graphics	2
MTH 421	Ordinary Differential Equations	3
MTH 42	Functional Analysis	3
MTH 425	Lebesgue Measure and Integration	3
		<hr/> 16/17/18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 452	Computer Centre Management	2
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MTH 428	Partial Differential Equations	3
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**Electives (Choose 10 units from the following subject to a minimum of 4 units from each department)** 10

COS 412	Computer Performance Evaluation	2
COS 456	Data Communication & Networks II	2
COS 458	Expert Systems	2
COS 462	Structured Programming	2
COS 472	Advanced Digital Laboratory	2
MTH 412	Abstract Algebra II	3
MTH 424	General Topology	3
MTH 426	Measure Theory	4
		<hr/> 15

**B.Sc. (Hons) Computer Science/Physics****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 101	Introduction Computer Science	2
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PHY 107	Fundamentals of Physics I	3
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**Required Ancillary Courses**

CHM 101	Basic Principles of Chemistry I	2
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MTH 111	Elementary Mathematics I	3
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MTH 121	Elementary Mathematics II	3
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**General Studies Course**

GSP 101	Use of English I	2
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GSP 111	Use of Library	2
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**Elective (choose one course from):** 2or3

BIO 151	General Biology I	3
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STA 111	Probability I	2
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STA 131	Inference I	2
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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 102	Introduction to Computer Systems	2
COS 104	Computing Practice	2
PHY 122	Fundamentals of Physics II	3
PHY 124	Fundamentals of Physics III	3
PHY 16	Practical Physics III	2

**Required Ancillary Courses**

MTH 122	Elementary Mathematics III	3
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**General Studies Courses**

GSP 102	Use of English II	2
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**Electives (Choose one course from):**

BIO 152	General Biology II	3
CHM 112	Basic Principles of Chemistry II	2
STA 112	Probability II	2
STA 132	Inference II	2

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 19/20
**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 201	Computer Programming I	2
COS 251	Assembly Language Programming	2
PHY 211	Structure of Matter	3
PHY 221	Mechanics	2

**Required Ancillary Courses**

MTH 207	Advanced Mathematics VII	2
MTH 215	Linear Algebra I	2
STA 205	Statistics for Physical Sciences and Engineering I	2

**General Studies Courses**

GSP 201	Social Sciences I	2
GSP 207	Humanities I	2

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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 202	Computer Programming II	2
COS 222	Introduction to File Processing	2
PHY 242	Waves	3
PHY 262	Introduction to Atomic and Nuclear Physics	3

**Required Ancillary Courses**

MTH 206	Advanced Mathematics V	2
STA 206	Statistics for Physical Sciences and Engineering II	2

**General Studies Courses**

GSP 202	Social Sciences II	2
GSP 208	Humanities II	2

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**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 301	Introduction to Digital Design	2
COS 333	Operating Systems I	2
COS 341	Computer Architecture I	2
PHY 301	Methods of Theoretical Physics I	2
PHY 321	Relativity Physics	2
PHY 351	Electronics	3
PHY 33	Workshop Course I (Mechanical)	2

**Required Ancillary Courses**

CED 341	Introduction to Entrepreneurship	2
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**Electives (choose two courses from the following including at least one from Computer Science)** 4or5

COS 303	Introduction to Microcomputer Systems	2
COS 311	Numerical Methods I	2
COS 313	Switching Algebra & Discrete Structures I	2
COS 315	Operations Research I	2
COS 331	Compiler Construction I	2
COS 335	Systems Analysis and Design	2
PHY 331	Thermal Physics	3
PHY 31	Practical Physics V	2
		<hr/> 21/22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 352	Data Structures	2
COS 372	Laboratory for Digital Design	2
COS 374	Students Industrial Work Experience	4
PHY 302	Methods of Theoretical Physics II	2
PHY 362	Quantum Mechanics I	3
PHY 382	Introduction to Astronomy	3
PHY 34	Workshop Course II (Electronics)	2
PHY 36	Measurement and Instrumentations	2

**Required Ancillary Courses**

CED 342	Business Development & Management	2
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**Electives (Choose One course from the following)** 2

COS 314	Switching Algebra and Discrete Structures II	2
COS 316	Automata Theory and Formal Languages	2
COS 322	Database Design & Management II	2
COS 334	Operating Systems II	2
COS 342	Computer Architecture II	2
		<hr/> 25

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 471	Project	6
or		
PHY 44	Project	4

**Electives (choose 6 courses, 3 from each department)** 12or13

COS 411	Numerical Methods II	2
COS 413	Queuing Theory	2
COS 451	Algorithms	2
COS 453	Computer Process Control	2
COS 455	Data Communication & Networks I	2
COS 457	Computer Graphics	2
PHY 401	Computational Physics	2
PHY 403	General Physics	2
PHY 421	Analytical Mechanics	2
PHY 451	Electromagnetic Theory	2
PHY 461	Quantum Mechanics II	3
		<hr/> 16/17

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 452	Computer Centre Management	2
PHY 411	Solid State Physics	3

**Electives (Choose at least 10 units from the following subject to a maximum of 3 courses from one department)** 10

COS 412	Computer Performance Evaluation	2
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COS 454	Artificial Intelligence	2
COS 456	Data Communication & Networks II	2
COS 458	Expert Systems	2
COS 462	Structured Programming	2
COS 472	Advanced Digital Laboratory	3
PHY 431	Statistical Physics	2
PHY 462	Nuclear Physics	3
PHY 42	Practical Physics	2
		<hr/> 15/16

**B.Sc. (Hons) Computer Science/Statistics****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
COS 101	Introduction to Computer Science	2
STA 111	Probability I	2
STA 131	Inference I	2
<b>Required Ancillary Courses</b>		
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
PHY 115	General Physics for Physical Sciences I	2
<b>General Studies Courses</b>		
GSP 101	Use of English I	2
GSP 111	Use of Library	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
COS 102	Introduction to Computer Systems	2
COS 104	Computing Practice	2
STA 112	Probability II	2
STA 132	Inference II	2
STA 172	Statistical Computing I	2
<b>Required Ancillary Courses</b>		
MTH 122	Elementary Mathematics III	3
PHY 106	General Physics for Physical Sciences II	2
PHY 108	General Physics for Physical Sciences III	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
		<hr/> 19

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
COS 201	Computer Programming I	2
COS 251	Assembly Language Programming	2
STA 211	Probability III	2
STA 231	Inference III	2
<b>Required Ancillary Course</b>		
MTH 215	Linear Algebra I	2
MTH 221	Real Analysis I	3
<b>General Studies Course</b>		
GSP 201	Social Sciences I	2
GSP 207	Humanities I	2
		<hr/> 17

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
COS 202	Computer Programming II	2

COS 222	Introduction to File Processing	2
STA 212	Probability IV	2
STA 232	Inference IV	2
STA 272	Statistical Computing II	2
<b>Required Ancillary Courses</b>		
MTH 216	Linear Algebra II	2
MTH 242	Mathematical Methods I	3
<b>General Studies Courses</b>		
GSP 202	Social Science II	2
GSP 208	Humanities II	2
		19

### Third Year

#### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
COS 301	Introduction to Digital Design	2
COS 333	Operating System I	2
COS 341	Computer Architecture I	2
STA 321	Distribution Theory	2
STA 331	Inference V	2
STA 341	Sampling Theory and Survey Method I	2
STA 311	Probability V	2
<b>Required Ancillary Course</b>		
MTH 321	Metric Space Topology	3
CED 341	Introduction to Entrepreneurship	2
<b>Electives (Choose one form the following):</b>		
COS 303	Introduction to Microcomputer Systems	2
COS 311	Numerical Methods I	2
COS 313	Switching Algebra & Discrete Structures I	2
COS 315	Operations Research I	2
COS 321	Database Design & Management I	2
COS 331	Compiler Construction I	2
COS 335	Systems Analysis and Design	2
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#### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
COS 352	Data Structures	2
COS 374	Students Industrial Work Experience	4
STA 312	Probability VI	2
STA 323	Analysis of Variance I	2
STA 332	Inference VI	2
STA 342	Sampling Theory and Survey Method II	2
STA 343	Laboratory and Field Work for Sampling Theory and Survey Methods I	2
<b>Required Ancillary Course</b>		
CED 342	Business Development & Management	2
<b>Electives (Choose two courses from the Following):</b>		
COS 314	Switching Algebra and Discrete Structures II	2
COS 316	Automata Theory and Formal Languages	2
COS 322	Database Design & Management II	2
COS 334	Operating Systems II	2
COS 342	Computer Architecture II	2
		22

### Fourth Year

#### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
COS 471	Project	6
or		

STA 42	Project	4
<b>Electives (Choose 12 units from the following subject to a maximum of 8 units from any one department)</b>		12
COS 411	Numerical Methods II	2
COS 415	Systems Modelling and Simulation	2
COS 451	Algorithms	2
COS 453	Computer Process Control	2
COS 455	Data Communication & Networks I	2
COS 457	Computer Graphics	2
STA 413	Stochastic Processes I	2
STA 421	Design and Analysis of Experiment I	2
STA 425	Analysis of Variance II	2
STA 435	Non Parametric Methods I	2
STA 433	Multivariate Analysis I	2
STA 441	Sampling Theory and Survey Methods III	2
		<hr/> 16/18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

COS 452	Computer Centre Management	2
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**Electives (Choose 14 units from the following subject to a maximum of 8 units from any one department)** 14

COS 412	Computer Performance Evaluation	2
COS 454	Artificial Intelligence	2
COS 456	Data Communication & Networks II	2
COS 458	Expert Systems	2
COS 462	Structured Programming	2
COS 472	Advanced Digital Laboratory	3
STA 414	Stochastic Processes II	2
STA 424	Design and Analysis of Experiments II	2
STA 436	Non Parametric Methods II	2
STA 434	Multivariate Analysis II	2
STA 442	Sampling Theory and Survey Methods IV	2
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**Department of Geology****Staff**

K.M. Onuoha, M.Sc., Ph.D. (Budapest), FAS, FNMGS, FNAPE	Professor
T.C. Davies, B.Sc. (Sierra Leone), M.Sc. (Wales), Ph.D. (Sierra Leone), FGS, CGeol, FNMGS, FGSK, MNYAS	Professor
O.P. Umeji, B.Sc. (Sierra Leone), M.Sc., Ph.D. (Nigeria), FNMGS	Professor
S.C. Obiora, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer & Ag. Head
L. I. Mamah, B.Sc. (Nigeria), M.Sc., Ph.D. (Golden)	Senior Lecturer
A. W. Mode, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
O.S. Onwuka, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
C. C. Ugbor, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
J.O. Amobi, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
O. Igwe, B. Sc. (Nigeria), M. Sc., Ph.D. (Kyoto)	Senior Lecturer
O. A. Anyiam, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
I. A. Oha, B.Tech. (Bauchi), M.Sc. (Jos), Ph.D. (Nigeria)	Senior Lecturer
O. C. Ekwenye, B.Sc., M.Sc. (Nigeria), Ph.D. (London)	Senior Lecturer
D. O. Nnebedum, B.Sc., M.Sc. (Nigeria)	Lecturer I
E. Ene, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
I.A. Okonkwo, B.Sc., M.Sc. (Nigeria)	Lecturer II
I. C. Okwara, B.Sc. (Nigeria), M.Sc. (London)	Lecturer II
C. G. Okeugo, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
C. Dim, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C.U. Ibe, B.Sc. (Nigeria)	Graduate Assistant
E.P. Ihemelandu, B.Sc. (Nigeria)	Graduate Assistant
O. C. Uwakwe, B.Sc. (Nigeria)	Graduate Assistant

**General Information**

The Department of Geology was established in 1961, a session after the establishment of the University of Nigeria. The Department offers a 5-year Bachelor of Science (B.Sc.) degree programme in Geology and a combined degree programme in Geology and Physics. At the inception, the number of undergraduate students was 7. Presently, the enrolment of students has risen to 261. The Department also runs post graduate programmes in various fields of Geology. The Department is a centre of excellence in University education and research.

The department has been obtaining assistance from government and industry in efforts to upgrading its teaching and research facilities in the form of providing field vehicles, microscopes, field equipment and laboratories, as well as buildings.

**Philosophy**

The programme is designed to train geoscientists who will use the knowledge they acquire to solve artificial and natural problems as they work in the industry and government establishments such as Geological Surveys, Mineral Exploration Companies, Oil Companies, Engineering Construction, Water Resources Ministries/Companies, Coal Cooperation, Marine Research Institutes, Waste and General Environmental Management Establishments, etc.

**Objectives**

The main objective of the programme is to produce competent geoscientists who are versatile in various areas of specialization in Geology, especially general geologic mapping and map production/interpretation, mineral/rock identification and description, as well as the following:

- a) Seismic data acquisition and interpretation;
- b) Wireline log interpretation and Petrophysical analyses;
- c) Core analysis and Interpretation;
- d) Sedimentologic-Sequence Stratigraphic analysis;
- d) Geochemical and Biostratigraphic analysis;
- e) Exploration prospects and evaluation;
- f) Reservoir Exploration, appraisal and development;
- g) Technical and Economics of Petroleum Geosciences;
- h) Mineral Exploitation and Reserve Calculation;
- i) Reserve quality assessment;
- j) Mineral processing and Beneficiation techniques;
- k) Environmental Analyses;
- l) Feasibility studies of different construction projects;
- m) Erosion/gully assessment and control measure;
- n) Environmental impact assessment procedures;
- o) Waste management and Land use designs;
- p) Water resources evaluation and design of optimal exploitation strategies;

**Admission Requirements:**

Candidates are admitted into the Department of Geology either through the entrance mode (U.M.E.) or by direct entry, for a five year, and a four year program respectively. In addition to the University minimum entry requirement, the UME candidates are required to have credit passes in Mathematics and English Language and also credit passes in the following: Physics, Chemistry and Biology, obtained at the Senior School Certificate Examination (SSCE)/National Examination Council (NECO)/General Certificate of Education, Ordinary level.

Direct entry candidates, in addition to satisfying the above requirements should have G.C.E. Advanced Level passes in Mathematics, Physics and Chemistry, or Higher School Certificate (H.S.C.) in Geology and any two of the following: Mathematics, Physics, Chemistry, Biology, and Geography.

**Duration of Degree Programme**

For UTME candidates, a maximum period of eight years is allowed for the completion of the programme for the award of B.Sc. (in Geology or Geology/Physics). The maximum period of stay for DE candidates is six years. (All are according to the University of Nigeria Undergraduate Academic Regulations). A student is considered overstayed after spending eight years for the five-year programme, or six years for the four-year programme

**Change of Degree Programme**

The Department releases students who wish to change to other departments in the University according to the procedure outlined in the University of Nigeria Undergraduate Academic Regulations. However, the Department does not accept transfer students.

### Professional Associations

Graduates of the Department of Geology are qualified to register as members of the Nigerian Mining and Geosciences Society (NMGS), which is an umbrella body of many specialized associations which graduates of the Department may join. Such specialized professional bodies include the Nigerian Association of Hydrogeologists (NAH), the Nigerian Association of Petroleum Explorationists (NAPE), the Society of Petroleum Explorationists (SPE), the Society of Exploration Geophysicists (SEG), among others. All the specialized associations have affiliation with the international associations. Membership of the Nigerian Mining and Geosciences Society (NMGS) is a requirement for registration with the Nigerian Council of Mining Engineers and Geoscientists (COMEG) which qualifies the graduate of the Department for professional practice. Students of the Department of Geology are qualified to register as student members of these professional associations, including the NMGS.

### Job Opportunities

Following the design of the programme, graduates of Geology from the University of Nigeria, Nsukka are well equipped to work in the industry and government establishments such as Geological Surveys, Mineral Exploration Companies, Oil Companies, Engineering Construction, Water Resources Ministries/Corporation/ Companies, Federal/State Ministries of Works, Power and Housing, Coal Cooperation, Marine Research Institutes /Oceanography, Water and General Environmental Management Establishments, Tourism industries and institutions.

### Scope

Our curriculum and research require a minimum of 179 units for a B.Sc. honours degree in Geology or 190 units for a B.Sc. Honours degree in Combined Geology and Physics programme. The programmes are generally focused on several aspects of the interactions of the atmosphere, hydrosphere, biosphere and solid earth and their by-products thus preparing the student for industrial and/ or self-employment.

### Prerequisite Courses

There are many prerequisite courses in the department as shown in table (1) below. Students are advised to pay special attention to prerequisite courses to avoid registering unqualified courses. In event of disqualification from taking such registered prerequisite courses during examination, a Fail grade will be recorded in the course(s) without any grade returned for it during result computation. Outsmarting Academic Adviser by covering up these unqualified courses during course registration and making him/her sign such course form will often result in recording of a failed grade in any such course(s) registered without a returned from them.

In each new semester, always register all failed courses you had in the previous semester(s) first before adding the new courses in the semester.

### Services Courses

With the consent of the department, students from outside the department may take the following service courses.

### Stress Areas

Service Courses	0
Petrology, Mineralogy, Crystallography and Geochemistry	1
Structural Geology, Geomorphology, Aerogeology and Remote Sensing	2
Geology of Nigeria, Africa, Sedimentology and Stratigraphy	3
Paleo-biology, Biostratigraphy, Micropaleontology and Palynology	4
Field Geology	5
Economic Geology, Marine Geology, Mineral Resources and Environmental Geology	6
Geophysics, Petroleum Geology, Petrophysics, Tectonophysics	7
Engineering Geology, Hydrogeology	8
Project/Seminar	9

### First Semester

GLG 101	Basic and applied Geology for Agricultural and Biological Sciences	3
GLG 103	Basic and Applied geology for Physical Sciences and Social Sciences	3
GLG 105	Basic and Applied Geology for Engineering	3



**Five Year Standard Undergraduate Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 111	Physical Geology	2
<b>Required Ancillary Courses</b>		
BIO 151	General Biology I	3
CHM 101	Basic Principles of Inorganic Chemistry	2
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
PHY 123	General Physics for Physical Sciences I	2
PHY 191	Practical Physics I	2
<b>General Studies course</b>		
GSP 101	Study Skills and Basic Research Methods	2
GPS 111	The Use of the Library	2
<b>Electives (Choose any one course from the electives:)</b>		
FRE 101	Elementary French I	2
GLG 211	Crystallography and Mineralogy	2
GLG 251	Field Geology	2
<b>Required Ancillary Courses</b>		
CHM 171	Basic Practical Chemistry	2
CHM 211	General Physical Chemistry	2
COS 101	Introduction to Computer Science	2
STA 205	Statistics for Physical Sciences and Engineering I	2
<b>General Studies Courses</b>		
GSP 201	Basic Concepts and Theories of Peace and Conflict	2
GSP 207	Humanities	2
<b>Electives (Choose any one course from the electives:)</b>		
FRE 201	Intermediate French I	2
MTH 203	Advanced Mathematics III	3
MTH 205	Advanced Mathematics V	2
PHY 221	Mechanics	2

18/19

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 212	Optical Mineralogy	2
GLG 214	Introduction to Petrology of Igneous and Metamorphic Rocks	2
GLG 222	Structural Geology/Map Interpretation	2
GLG 242	Paleobiology I	2
<b>Required Ancillary Courses</b>		
CHM 232	Analytical Chemistry	2
STA 206	Statistics for Physical Sciences and Engineering II	2
<b>General Studies Courses:</b>		
GSP 202	Issues in Peace and Conflict Resolution	2
GSP 208	Humanities II	2
<b>Electives (Choose any one course from the electives:)</b>		
FRE 202	Intermediate French II	2
MTH 204	Advanced Mathematics IV	2
MTH 206	Advanced Mathematics VI	2
CHM 274	Practical Inorganic Chemistry	2
PHY 262	Introduction to Atomic and Nuclear Physics	3

18/19

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 311	Petrology of Igneous Rocks	2

GLG 321	Structural Geology II	3
GLG 331	Stratigraphy	2
GLG 351	Field Mapping and Surveying	3
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship	2
COS 201	Computer Programming 11	2
PHY 331	Thermal Physics	3
<b>Electives (Choose any one course from the electives:)</b>		
PHY 351	Electronics (or)	2
CHM 311	Physical and Structural Chemistry I	2
ECE 331	Electromagnetic Fields and Waves	3
ZOO 301	General Vertebrate Zoology	3
		<b>19/20</b>
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 322	Aerogeology and Remote Sensing	2
GLG 332	Sedimentology	3
GLG 334	Geology of Nigeria	2
GLG 342	Paleobiology II (Micropaleontology)	3
GLG 362	Mineral Resources	2
GLG 364	Mining Geology	2
GLG 372	Principles of Geophysics	3
GLG 382	Engineering Geology I	2
CED 342	Business Development and Management	2
<b>Electives (Optional)</b>		
CVE 342	Soil Mechanics	3
COS 202	Computer programming II	2
MTH 216	Elementary Differential Equations I	3
		<b>21/(23/24)</b>
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 411	Petrology of Metamorphic Rocks	2
GLG 431	Sequence Stratigraphy	2
GLG 433	Regional Geology	2
GLG 443	Introduction to Palynology	2
GLG 453	Petrophysics I	2
GLG 461	Economic Geology	3
GLG 465	Environmental Geology and Waste Management	2
<b>Electives (Optional)</b>		
CVE 221	Fluid Mechanics	3
PHY 351	Electronics	2
STA 341	Sampling theory and survey methods	2
		<b>15/(17/18)</b>
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 492	Students Industrial Work Experience (SIWES)	8
GLG 494	SIWES Technical Report	4
GLG 496	SIWES Seminar	3
		<b>15</b>
<b>Fifth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 511	Petrology of Igneous and Metamorphic Rocks	2
GLG 541	Biostratigraphy	

GLG 553	Petrophysics II	2
GLG 571	Applied Geophysics	3
GLG 581	Hydro geology	3
GLG 583	Engineering Geology II	3
GLG 591	Seminar	2
<i>Electives (Optional)</i>		
PHY 471	Physics of Geomagnetic Phenomenon	2
STA 413	Time Series I or	2
		<hr/> 18/20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 512	Geochemistry	2
GLG 562	Marine Geology	2
GLG 572	Petroleum Geology	3
GLG 574	Tectonophysics	2
GLG 592	Project	6
<i>Electives (Optional)</i>		
CHM 586	Chemistry of Coal and Coal Products	2
		<hr/> 15/17

**Combined Honours Degree (Geology/Physics)****Five Year Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 111	Physical Geology	2
PHY 125	Fundamentals of Physics I	3
PHY 193	Practical Physics II	2
<b>Required Ancillary Courses</b>		
CHM 101	Basic Principles of Inorganic Chemistry	2
CHM 171	Basic Practical Chemistry	2
COS 101	Introduction to Computer Science	2
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
<b>General Studies Course</b>		
GSP 101	Study Skills and Basic Research Method	2
GSP 111	The Use of the Library	2
		<hr/> 23

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 142	Earth History	3
PHY 136	Fundamentals of Physics II	3
PHY 156	Fundamentals of Physics III	3
PHY 194	Practical Physics III	2
<b>Required Ancillary Courses</b>		
CHM 112	Basic Principles of Physical Chemistry	2
MTH 122	Elementary Mathematics III	3
<b>General Studies Course</b>		
GSP 102	Grammar and Varieties of Writing	2
		<hr/> 18

**Second****Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 211	Crystallography and Mineralogy	2
GLG 251	Field Geology	2

PHY 211	Structure of Matter	3
PHY 251	Electromagnetism	2
PHY 241	Waves	3
<b>Required Ancillary Courses</b>		
MTH 207 (206)	Advanced Mathematics VII	2
STA 205(203)	Statistics for Physical Sciences and Engineering I	2
<b>General Studies Courses</b>		
GSP 201	Basic Concepts and Theories of Peace and Conflict	2
GSP 207	Humanities I	2
<b>Electives (Choose any one course from the electives:)</b>		
FRE 101	Elementary French I	2
GER 101	Elementary German I	2
RUS 101	Elementary Russian I	2
		21
<hr/>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 214	Introduction to Petrology of Igneous and Metamorphic Rocks	2
GLG 222	Structural Geology/map Interpretation	2
PHY 261	Introduction to Atomic Nuclear Physics	3
<b>Required Ancillary Courses</b>		
MTH 206	Advanced Mathematics VI	2
STA 206	Statistics for Physical Sciences and Engineering II	2
<b>General Studies Courses</b>		
GSP 202 (104)	Issues in Peace and Conflict Studies	2
GSP 208	Humanities II	2
<b>Electives (Choose any one course from the electives:)</b>		
FRE 102	Elementary French II	2
GER 102	Elementary German II	2
RUS 102	Elementary Russian II	2
CHM 274	Practical Inorganic Chemistry	2
		17
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<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 311	Petrology of Igneous Rocks	2
GLG 321	Structural Geology II	3
GLG 331	Stratigraphy	2
GLG 351	Field Mapping and Surveying	3
PHY 301	Methods of Theoretical Physics	3
PHY 331	Thermal Physics	2
PHY 351	Electronics	2
<b>Required Ancillary Course</b>		
CED 341	Introduction to Entrepreneurship	2
STA 341	Sampling theory and survey methods	2
<b>Electives (Choose any one course from the electives:)</b>		
FRE 201	Intermediate French I	2
STA 423	Regression Analysis	2
CHM 311	Physical and Structural Chemistry I	2
GER 201	Intermediate German I	2
RUS 201	Intermediate Russian I	2
		23
<hr/>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 322	Aerogeology and Remote Sensing	2
GLG 332	Sedimentology	3

GLG 334	Geology of Nigeria	2
GLG 364	Mining Geology	2
GLG 372	Principles of Geophysics	3
GLG 382	Engineering Geology I	2
PHY 361	Quantum Mechanism I	3
<b>Required Ancillary course</b>		
CED 342	Business Development and Management	2
MTH 208	Advanced Mathematics VIII	2
<b>Electives (Choose any one course from the electives:)</b>		
FRE 202	Intermediate French II	2
GER 202	Intermediate German II	2
RUS 202	Intermediate Russian II	2
		<hr/> 23
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG. 411	Petrology of Metamorphic Rocks	2
GLG 431	Sequence Stratigraphy	2
GLG 433	Regional Geology	2
GLG 453	Petrophysics I	2
GLG 461	Economic Geology	3
GLG 465	Environmental Geology and Waste Management	2
<b>Required Ancillary Course</b>		
COS 201	Computer Programming II	2
<b>Electives (Optional)</b>		
CVE 221	Fluid Mechanics	3
GLG 443	Introduction to Palynology	2
		<hr/> 15/17/18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 492	Students Industrial Work Experience (SIWES)	8
GLG 494	SIWES Technical Report	4
GLG 496	SIWES Seminar	3
		<hr/> 15
<b>Fifth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG 553	Petrophysics II	
GLG 571	Applied Geophysics	3
GLG 581	Hydrogeology	3
GLG 583	Engineering Geology II	
GLG 591	Seminar	2
PHY 401	Computational Physics	2
PHY 451	Electromagnetic Theory	2
PHY 471	Physics of Geomagnetic Phenomenon	2
<b>Electives (optional)</b>		
CHM 581	Petroleum Chemistry	2
PHY 413	General Physics	2
PHY 461	Quantum Mechanics II	
		<hr/> 19/21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLG. 512	Geochemistry	2
GLG 572	Petroleum Geology	3
GLG 574	Tectonophysics	2

GLG 592	Project	6
STA 414	Time Series I	2
<i>Electives (Optional)</i>		
CHM. 586	Chemistry of Coal and Coal Products	2
		<hr/> 15/17

### Department of Mathematics

#### Staff

M.O. Osilike, B.Sc., M.Sc, Ph.D. (Nigeria)	Professor
M.O.Oyesanya, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
F.I. Ochor, B.Sc., M.Sc. (Nigeria), M.Phil., Ph.D. (Sissa, Italy)	Professor
G.C. Mbah, B.Sc., M.Sc. (Benin), Ph.D. (Nigeria)	Professor
S.J. Aneke, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer.
B.G. Akuchu, B.Sc. (Awka), M.Sc., Ph.D. (Nigeria)	Senior Lecturer.
O. A. onyejiuwa, B.Sc. (Nigeria), M.Tech. (Minna), Ph.D. (Nigeria)	Senior Lecturer.
F.C. Isiogugu, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer.
S. E. Aniaku, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer.
S. Yekini, B.Tech. (Lagos), M.Sc. (Nigeria), Ph.D. (Aust)	Senior Lecturer.
C. C. Obiora, B.Sc., M.Sc. (Nigeria), Ph.D. (Awka)	Lecturer I
U.A. Ezeafulukwe, B.Sc., M.Sc. (Ibadan), Ph.D. (Malaysia)	Lecturer II
F.D. Agbebaku, B.Sc. (Ogun), M.Sc. (Pretoria), Ph.D. (Pretoria)	Lecturer II
C.L. Ejikeme, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
P.U. Nwokoro, B.Sc., M.Sc. (Nigeria)	Lecturer I
M. B. Okofu, B.Sc. (Nigeria), PGD. (Enugu), M.Sc. (Nigeria)	Lecturer I
F.U. Ogbuisi, B.Sc., M.Sc. (Nigeria)	Lecturer II
A. Onyido, B.Sc. (Imo), PGDE. (Kaduna), M.Sc. (Ibadan)	Lecturer II
S.A. Asogwa, B.Sc. (Nigeria)	Graduate Assistant
C.S. Anabanti, B.Sc. (Nigeria), M.Sc. (Warwick), Ph.D. (London)	Assistant Lecturer
K.E. Onuma, B.Sc. (Nigeria)	Graduate Assistant
C. Okoye, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C. Asogwa, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
S.I. Onah, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
I.J. Ezike, B.Sc. (Nigeria), M.Sc. (Waterloo)	Assistant Lecturer
K.T. Nwigbo, B.Sc. (Nigeria), M.Sc. (AUST)	Assistant Lecturer
O.U. Markjo, B.Sc., M.Sc. (Nigeria)	Graduate Assistant
M.O. Ighorodhe, B.Sc. (Nigeria)	Graduate Assistant
C.E. Charles, B.Sc. (Nigeria), M.Sc. (Texas)	Graduate Assistant
C.C. Ogbonna, B.Sc. (Nigeria), M.Sc. (Cape Coast, Ghana)	Graduate Assistant
O.U. Ugwu, B.Sc. (Nigeria), M.Sc. (London)	Graduate Assistant
N.O. Umeorah, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
P.U. Madueme, B.Sc., M.Sc. (Nigeria)	Graduate Assistant
C.O. Nwoko, B.Sc. (Nigeria)	Graduate Assistant
E.C. Mbah, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
T.I. Aroh, B.Sc. (Nigeria), M.Sc. (AUST)	Assistant Lecturer
M.F. Oguagbaka, B.Sc. (Nigeria)	Graduate Assistant
C. Omeh, B.Sc. (Enugu)	Higher Technical Officer II
E.N. Agbo, B.Sc. (Nigeria)	Higher Technical Officer II
E.I. Eze, B.Sc., PDE (Nigeria), M.Ed. (Imo)	Higher Technical Officer II
D.U. Nnaji, B.Sc. (Nigeria)	Higher Technical Officer II
C.H. Okechukwu, B.Sc., M.Sc. (Benin)	Higher Technical Officer II
D. C. Nwodo, B.Ed. (Nigeria)	Assistant Executive Officer

#### General Information

The department offers a B.Sc. degree programme in Mathematics, which is of a three—or four-year duration, depending on whether the student is admitted by direct entry or by the JAMB Matriculation Examination. Also, in collaboration with other departments, the department offers a B.Sc. degree programme in such combined disciplines as Mathematics/Computer Science and Mathematics/Economics.

#### Philosophy, Objectives and Scope

The aim of the Department is to offer programmes designed to impart a sound knowledge of all branches of Mathematics to students. Courses are offered in all the **core** areas of Mathematics as well as in applicable Mathematics. The programmes help students to develop the necessary skills, intellectual, mental and moral training for a career in Mathematics and other related field.

The Department is inclined to producing B.Sc. degree holders that can compete favourably with any other B.Sc. Degree holder in Mathematics from any part of the Globe, and can pursue higher degrees in Mathematical Sciences anywhere in the World. Recently many innovations have been made in the programme to accommodate the fast growing demands in information technology, banking and oil industries.

As the “mother” and “language” of all sciences, the Department aims at adequately servicing the faculties of Engineering, Physical Sciences, Pharmaceutical sciences, Medicals Sciences, Environmental Studies, Business Administration etc. Since the current trend in technology, engineering and life sciences emphasizes actual quantification, the programme of our department embraces application in all these areas of human endeavour.

Recognizing the role of mathematics as a basic tool in the physical and engineering sciences, and the current developments in the social and life sciences which have now become increasingly quantitative, the mathematics undergraduate academic programme emphasizes the applications of theory and methods to real life and physical problems. It helps the student to establish an expertise in Mathematics, Mathematical Physics, or Industrial Mathematics. It also prepares him for graduate study in the mathematical sciences.

### Entry Requirements

These are the University’s minimum requirements; and

(a) UME: Credits at the Senior Secondary Certificate Examination or equivalent, in Mathematics, and Physics or Chemistry or Biology.

(b) DE: Either a pass in Pure Mathematics and in Applied Mathematics at the General Certificate of Education A’Level or equivalent, or a pass at the same level in Pure Mathematics taken as one paper), and a pass at the same level in physics or Chemistry or Biology or Statistics.

### Job Opportunities

On completion of the programme, a graduate has job opportunities in industry, government or educational institutions.

### Stress Areas

Each course in the department is designated by the three letters, MTH, followed by a three-digit number. The first digit indicates the year, the second digit indicates the stress area, as listed below, and the third digit gives the order of the courses.

### Stress Areas

Service Courses	0
Pure Mathematics (Algebra, Geometry)	1
Pure Mathematics (Calculus, Analysis, Differential Equations)	2
Applied Mathematics (Theoretical and Applied Mechanics, and Mathematical Physics)	3
Mathematical Methods	5
Project	

### Standard Four-Year Programme

#### First Year

#### First Semester

CODE	TITLE	UNITS
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#### Major Courses

MTH 111	Elementary Mathematics I	3
MTH 112	Elementary Mathematics II	3
GSP 101	Use of English	2
GSP 103	Social Science I	2

#### Required Ancillary Course

STA 203	Statistics for Physical Sciences	2
COS 101	Introduction to Computer Science	2

*Elective Courses which should include COS 101*

Any 4-5 units from the following:		4or5
PHY 125	Fundamentals of Physics I	3
PHY 193	Practical Physics II	2
CHM 101	Basic Principles of Chemistry I	2
CHM 171	Basic Practical Chemistry	2
STA 111	Probability I	2
STA 131	Inference I	2
BIO 151	General Biology I	3
		<hr/> 18/19
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MTH 122	Elementary Mathematics III	3
MTH 132	Elementary Mechanics I	3
GSP 102	The Use of English II	2
GSP 104	Social Science II	2
<b>Required Ancillary Course</b>		
STA 206	Statistics for Physical Sciences	2
<b>Elective Courses</b>		
Any 4-5 units from the following:		4or5
PHY 136	Fundamentals of Physics II	3
PHY 156	Fundamentals of Physics III	2
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
GLG 142	Earth History	3
STA 112	Probability II	2
STA 132	Inference II	2
STA 134	Laboratory for Inference I	2
		<hr/> 16/17
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MTH 211	Sets, Logic and Algebra	3
MTH 215	Linear Algebra I	2
MTH 221	Real Analysis I	2
MTH 231	Elementary Mechanics II	2
GSP 207	Humanities I	2
STA 211	Probability III	2
COS 201	Computer Programming I	2
		<hr/> 16
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MTH 218	Three-dimensional Analytic Geometry	2
MTH 216	Linear Algebra II	2
MTH 222	Elementary Differential Equations I	3
MTH 224	Introduction to Numerical Analysis	3
MTH 242	Mathematical Methods I	3
GSP 208	Humanities II	2
STA 212	Probability IV	2
		<hr/> 17
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MTH 311	Abstract Algebra I	3
MTH 321	Metric Space Topology	3
MTH 322	Elements of Differential Equations II	3



MTH 325	Complex Analysis I	3
MTH 331	Introduction to Mathematical Modelling	3
<i>Elective Courses</i>		
Any 2-3 units from the following:		2or3
*MTH 313	Geometry I	2
MTH 329	Calculus on $\hat{A}^n$	2
MTH 337	Optimization Theory I	2
MTH 339	Analytic Dynamics	2
MTH 336	Introduction to Operations Research	3
**MTH 341	Discrete Mathematics I	2
STA 311	Probability V	2
STA 321	Distribution Theory	2
STA 331	Statistical Inference IV	2
COS 333	Systems Analysis and Design	2
		<hr/> 17/18
* To be taken with MTH 314		
** To be taken with MTH 342		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MTH 312	Abstract Algebra II	3
MTH 324	Vector and Tensor Analysis	3
MTH 328	Complex Analysis II	3
MTH 326	Real Analysis II	
Any 4-5 units from the following:		4or5
<i>Elective Courses</i>		
MTH 314	Geometry II	3
MTH 316	Differential Geometry	3
MTH 338	Optimization Theory II	2
MTH 336	Dynamics of a Rigid Body	3
MTH 338	Special Theory of Relativity	4
MTH 342	Discrete Mathematics II	2
MTH 344	Numerical analysis I	3
STA 312	Probability VI	2
STA 332	Inference VI	2
COS 332	Operating Systems II	2
		<hr/> 16/17
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MTH 421	Ordinary Differential Equations	3
MTH 429	Functional Analysis	3
MTH 425	Lebesgue Measure and Integration	3
<i>Electives Courses</i>		
Any 6-7 units from the following:		6or7
MTH 427	Field Theory in Mathematical Physics	3
MTH 439	Analytical Dynamics II	3
MTH 437	Systems Theory	4
MTH 443	Numerical Analysis II	3
MTH 441	Mathematical Methods	3
		<hr/> 15/16
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
MTH 428	Partial Differential Equations	3
MTH 424	General Topology	3
MTH 452	Project	4
<i>Elective Courses</i>		

Any 6-7 units from the following:

MTH 412	Abstract Algebra III	3
MTH 432	General Theory of Relativity	3
MTH 438	Electromagnetism	3
MTH 436	Fluid Dynamics	3
MTH 444	Numerical Analysis II	3
MTH 434	Elasticity	3
		<hr/> 16/17

### Three Year Standard Programme

The three year-standard programme is the same as the four-year standard programme excluding the first year. However, the direct entry students are required to take GSP 101, GSP 102, GSP 207 and GSP 208 during their first year.

### Service Courses Intended for Specified Departments/Faculties

#### First Semester

MTH 201	Advanced Mathematics I	3
(Primarily intended for the students of Accountancy and Management)		3
MTH 203	Advanced Mathematics III	3
(Primarily intended for Surveying Students)		
MTH 205	Advanced Mathematics V	2
MTH 207	Advanced Mathematics VII	2
(Primarily intended for Engineering students)		

#### Second Semester

MTH 200	Advanced Mathematics II	3
(Primarily intended for Accountancy and Management Students)		
MTH 202	Advanced Mathematics IV	3
(Primarily intended for Surveying Students)		
MTH 204	Advanced Mathematics V	3
MTH 206	Advanced Mathematics VI	2
MTH 208	Advanced Mathematics VIII	2
(Primarily intended for Engineering Students)		

### Department of Physics and Astronomy

#### Staff

A.A. Ubachukwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
F.N. Okeke, B.Sc., M.Sc., Med, PGDE (Nigeria)	Professor
C.M.I. Okoye, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
R.U. Osuji, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
J.O. Urama, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
A.E. Chukwude, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
A.B.C. Ekwealor, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
R.N.C. Eze, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
P.E. Ugwoke, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
B.A. Ezekoye, B.Sc., M.Sc., Ph.D. (Nigeria)	Reader
E.O. Onyeogu, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
J.A. Alhassan, B.Sc. (Benin), M.Sc., Ph.D. (Nigeria)	Senior Lecturer
D.N. Obiora, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
A.N.C. Agbogu, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
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O.J. Ugonabo, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
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F.C. Odo, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
W.T. Sivla, B.Sc., M.Sc. (JOS), Ph.D. (Nigeria)	Senior Lecturer
J.O. Chibueze, B.Sc., M.Sc., (Nigeria), Ph.D. (Japan)	Lecturer I
O.S. Aisida, B.Sc. (AAUA), M.Sc., Ph.D. (Ibadan)	Lecturer I
C.C. Onyema, B.Sc. (ABSU), M.Sc. (Leeds)	Lecturer I
T.C. Chibueze, B.Sc., (Nigeria), M.Sc. (Abuja)	Lecture I
T.J. Obodo, B.Sc., (Nigeria), M.Sc.,	Assistant Lecturer
F.N. Onah, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer

M.P. Orji, B.Sc., M.Sc. (Nigeria)	Lecturer II
F.O. Ochai-Ejeh, B.Sc., M.Sc. (Nigeria)	Lecturer II
B.Sc., M.Sc. (Nigeria)	Lecturer II
B.Sc. (Nigeria), DICPT (Italy), M.Sc. (Canada)	Lecturer II
U.K. Chime, B.Sc. (Nigeria), M.Sc. (Edinburg)	Lecturer II
E.A. Igwe, B.Sc., M.Sc. (Nigeria)	Lecturer II
C.D. Umeh, B.Sc. (NAU) M.Sc. (Nigeria)	Lecturer II
N.A. Okwesili, B.Sc., M.Sc. (Nigeria)	Lecturer II
F.E. Onah, B.Sc., (Nigeria), M.Sc. (Abuja)	Assistant Lecturer
J.C. Ibout, B.Sc., M.Sc. (Uyo), Ph.D. Nigeria	Assistant Lecturer
O.K. Yakubu, B.Sc. (Anyogba), M.Sc. (Nigeria)	Assistant Lecturer
A.C. Nwanya, B.Sc., M.Sc., Ph.D. (Nigeria)	Assistant Lecturer
R.S. Lawal, B.Tech. (Minna), M.Sc. (Ibadan)	Assistant Lecturer
P.O. Orji, B.Sc., M.Sc. (Uturu)	Assistant Lecturer
C.I. Eze, B.Sc., (Nigeria)	Graduate Assistant
G.M. White, B.Sc., (Nigeria)	Graduate Assistant
A.I. Eweni, B.Sc., (Nigeria)	Higher Executive
J.U. Agbo, HND (Nigeria) PGD (Abakaliki)	Assistant Exec. Off.
C.O. Ugwueze, HND (Nigeria) PGD (Abakaliki)	Senior Cler. Officer
C.E. Ejiofor, B.Sc., (Nigeria)	Assistant Chief Tech.
M.U. Ezema, HND, PGD (Kogi)	Senior Tech.
S.E. Okoro, B.Sc., (Nigeria)	Senior Tech.
O.C. Onyechi, B.Sc., (Nigeria)	Senior Tech.
O.L. Onunkwo, B.Sc., M.Sc. (Nigeria)	Higher Tech. Officer
S.N. Ndugo, H.N.D. (Nigeria)	Higher Tech. Officer II
R.A. Akwolu, B.Sc., (Nigeria)	Head lab. attendant
C.O. Okorie, DIP. Ed. (Nigeria)	Assistant Exec. Officer
S.N. Ugwu, DIP. PALG (Nigeria)	Senior Clerical Officer
U.M. Omenihu, DIP. STAT. (Nigeria)	Lab. Assistant

### General Information

Physics is a fundamental science. It is essential for all sciences and vital for modern technology. Physics deals with the concepts of space, time and motion, conservation, fields, waves and quanta. The more specialized areas of physics include Astronomy, Computational and Theoretical Physics, Experimental physics, Geophysics, Industrial and Condensed Matter Physics, Medical and Biophysics, Solar Energy Physics among others.

The Department of Physics and Astronomy offers courses in most of the above areas of Physics and the programmes have wide applications in such diverse professions as industry, government, educational institutions, meteorology and aeronautics, metallurgy and mining, and other fields of engineering medicine business and agriculture.

### Types of Degree Programmes

The Department of Physics and Astronomy offers the following degree programmes.

- B.Sc. (Hons) Degree in Physics
- B.Sc. (Hons) Combined degrees in Physics/Mathematics, Physics/ Chemistry, Physics/Computer Sciences, Physics/Geology and Physics/ Education in collaboration with the Departments of Mathematics, Chemistry, Computer Science, Geology and Education respectively.

### Philosophy, Objectives and Scope of the Programme

The aim of the Department of Physics is to offer programmes designed to impact a sound knowledge of all branches of physics to the students. Courses are offered in Mechanics and properties of matter, Thermal Physics, Waves, Electromagnetism and Electronics, Atomic and Nuclear Physics, Experimental Physics, etc. The programmes help students to develop the necessary skills, intellectual and mental training for a career as a physicist.

### Entry Requirements

Entrance candidates, in addition to the minimum University requirements, must have passed at the West African School Certificate Examination, Senior School Certificate Examination or in an equivalent examination with credits in Physics, Mathematics and in Chemistry.

Direct Entry students, in addition to satisfying the above requirements, must pass the Higher School Certificate Examination or the General Certificate of Education (Advanced Level) in Physics and Mathematics. Students for combined honours must also have a minimum of a pass in the subject they are combining with physics.

### Job Opportunities

Successful graduates of the above degree programmes are well equipped for postgraduate studies and teaching in the relevant subject. Their training also prepares them for careers in Government department e.g. Meteorology, Geological Survey, National Standard Organisation, in Industrial Research Establishment e.g. FHRO, PRODA; in Oil Steel and other industries; and in commercial and technical firms needing the services of physicists.

### Service Courses

The Department of Physics and Astronomy offers specially service course to many departments in the faculties of Physical Sciences, Biological Sciences, Pharmaceutical Sciences, Medicine, Veterinary medicine, Engineering Environmental Studies, Education and Agriculture. For enrolment in the service course students must have at least a pass in Physics at the G.C.E ordinary level or in an equivalent examination.

### Stress Areas

General Physics	0
Structure of Matter, Solid State and Industrial Physics I	1
Mechanics	2
Thermal Physics and Solar Energy Physics	3
Waves and Optics	4
Electromagnetism, Electronics and Biophysics	5
Modern Physics, Quantum Medical Physics	6
Geophysics	7
Astrophysics	8
Practical Physics and Project	9

### Standard Four Year Degree Programme

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
PHY 107	Fundamentals of Physics I	3
PHY 192	Practical Physics II	2
<i>Required Ancillary Courses</i>		
MTH 111	General Mathematics I	3
MTH 112	General Mathematics II	3
CHM 101	Basic Principles of Chemistry I	2
CHM 171	Basic Practical Chemistry	2
<i>General Studies Course</i>		
GSP 101	The Use of English I	2
		17

##### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
PHY 108	Fundamentals of Physics II	3
PHY 109	Fundamentals of Physics III	3
PHY 193	Practical Physics III	2
<i>Required Ancillary Courses</i>		
MTH 113	General Mathematics III	3
CHM 111	Basic Principles of Chemistry II	2
CHM 121	Basic Principles of Chemistry III	2
<i>General Studies Course</i>		
GSP 102	The Use of English II	2
		17

#### Second Year

*First Semester*

CODE	TITLE	UNITS
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**Major Courses**

PHY 211	Structure of Matter	3
PHY 221	Mechanics	2
PHY 241	Waves	3
PHY 251	Electromagnetism	2

*Required Ancillary Courses*

MTH 206	Advanced Mathematics	2
COS 201	Computer Programming I	2

*General Studies Courses*

GSP 103	Social Science I	2
GSP 207	Humanities I	2
		<hr/> 17

*Second Semester*

CODE	TITLE	UNITS
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**Major Courses**

PHY 243	Physical Optics	2
PHY 261	Introduction to Atomic & Nuclear Physics	3
PHY 291	Practical Physics	2

*Required Ancillary Courses*

MTH 207	Advanced Mathematics VII	2
MTH 208	Advanced Mathematics VIII	2
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**Third Year***First Semester*

CODE	TITLE	UNITS
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**Major Courses**

PHY 301	Methods of Theoretical Physics I	2
PHY 321	Relativity Physics	2
PHY 331	Thermal Physics	3
PHY 351	Electronics	2
PHY 391	Practical Physics V	2
PHY 393	Workshop Course I (Mechanical)	2

*Elective Courses*

A Minimum of 3 Units to be chosen from the following:

EE 211	Electrical Engineering I	3
ECE 311	Circuit Theory I	3
ECE 321	Physical Electronics	3
CHM 211	General Physical Chemistry	2
GLG 211	Crystallography	2
STA 203	Statistics for Physical Sciences & Engr. I	2
STA 322	Regression Analysis I	2
		<hr/> 17

*Second Semester*

CODE	TITLE	UNITS
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**Major Courses**

PHY 302	Methods of Theoretical Physics II	2
PHY 361	Quantum Mechanics I	3
PHY 381	Introduction to Astronomy	3
PHY 392	Practical Physics VI	2
PHY 394	Workshop Courses II (Electronics)	2
PHY 395	Measurements and Instrumentation	2

*Elective Courses*

A Minimum of 3 Units from the following Courses:

COS 202	Computer Programming II	3
EE 251	Electrical Engineering Lab	1
ECE 312	Circuit Theory II	3
ECE 322	Applied Electronics	2

CHM 251	Chemical Process Principles	2
MTH 222	Elementary Differential Equations I	3
MTH 214	Mathematical Methods I	3
STA 206	Statistics for Physical Sciences and Engineering II	2
		<hr/> 17

**Fourth Year***First Semester*

CODE	TITLE	UNITS
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**Major Courses**

PHY 401	Computational Physics	2
PHY 402	General Physics	2
PHY 421	Analytical Mechanics	3
PHY 451	Electromagnetic Theory	2
PHY 461	Quantum Mechanics II	3
PHY 491	Practical Physics VII	2

*Elective Courses*

A minimum of 4 Units from the following Courses: (Students may choose elective courses from any one group or, subject to Department approval, from different groups.

*(i) Astrophysics*

PHY 482	Galaxies	2
PHY 484	High Energy Astrophysics	2

*(ii) Geophysics*

PHY 471	Meteorology	2
PHY 474	Industrial Geophysics	2

*(iii) Industrial Physics*

PHY 412	Science of Materials	2
PHY 453	Industrial Electronics	2

*(iv) Medical Physics*

PHY 467	Interaction of Radiation with Matter	2
PHY 468	Radiation Instrumentation	2
PHY 454	Biophysics I	2

*(v) Solar Energy Physics*

PHY 432	Solar Energy I	2
PHY 434	Biomass Energy I	2
PHY 436	Nuclear Energy I	2

*(vi) Theoretical Physics*

PHY 464	Symmetries in Physics	2
PHY 452	Classical Electrodynamics and Plasma Physics	2

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18*Second Semester*

CODE	TITLE	UNITS
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**Major Courses**

PHY 411	Solid State Physics	3
PHY 431	Statistical Physics	2
PHY 462	Nuclear Physics	3
PHY 492	Practical Physics VIII	2
PHY 493	Project	4

*Elective Courses*

A minimum of 4 Units to match the first semester electives:

*(i) Astrophysics*

PHY 481	Stellar Structure and Evolution	2
PHY 483	Modern Cosmology	2

*(ii) Geophysics*

PHY 472	Agronomy	2
PHY 473	Physics of the Earth's Interior	2

*(iii) Industrial Physics*

PHY 413	Physical Metallurgy	2
PHY 414	Introduction to Industrial Procession	2
PHY 453	Industrial Electronics	2

*(iv) Medical Physics*

<i>Programmes</i>		707
PHY 466	Radiation Protection and Dosimetry	2
PHY 463	Medical Nuclear Physics	2
PHY 455	Biophysics II	2
<b>(v) Solar Energy Physics</b>		
PHY 433	Solar Energy III	2
PHY 435	Fossil Energy	2
PHY 437	Nuclear Energy II	2
<b>(vi) Theoretical Physics</b>		
PHY 463	Advanced Quantum Mechanics	2
PHY 465	Introduction to Elementary Practical Phys.	2
PHY 483	Modern Cosmology	3
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### Three Year Standard Programme

The same as the four year standard programme with first year deleted, except that direct entry students take GSP 101 and GSP 102: Use of English and either GSP 207 and GSP 208: Humanities or GSP 103 and GS104: Social Science.

### Service Courses

For enrolment in the service courses, students must have at least a pass in physics at the G.C.E ordinary level or in an equivalent examination.

#### First Year

##### First Semester

PHY 101	General Physics for Life Sciences II	2
PHY 104	General Physics for Life Sciences III	2
PHY 191	Practical Physics	2

##### Second Semester

PHY 102	General Physics for Life Sciences II	2
PHY 103	General Physics for Life Sciences III	2
PHY 105	General Physics for Physical Sciences II	2
PHY 106	General Physics for Physical Sciences III	2

#### Notes

- The service courses PHY 101, PHY 102, PHY 103 are specially designed for students of the Faculties of Agriculture, Veterinary Medicine, Biological Sciences, Pharmaceutical Sciences and Medicine. (In these course the use of calculus would be kept to a minimum)
- The service courses PHY 104 and PHY 105, are recommended for students of the Faculties of Environmental Sciences and Physical Sciences.
- All Service Course students, except Engineering students are recommended to take PHY 191: Practical Physics I.
- Students of the Faculty of Engineering take PHY 105, PHY 106, PHY 108 and PHY 192: Practical Physics II.

### Department of Pure and Industrial Chemistry

#### Staff

U.C. Okoro, B.Sc. (Lagos), Ph.D. (Nigeria)	Professor /H
P.O. Ukoha, B.Sc., M.Sc. (Nigeria), Ph.D. (Zaria)	Professor
C.O.B. Okoye, B.Sc., M.Sc. (Ibadan), Ph.D. (Ife)	Professor
E. O. Nnabuk, B.Sc., (Calabar), M.Sc. ( Abia), Ph.D. (Calabar)	Professor
L.N. Obasi, B.Sc. M.Sc., Ph.D. (Nigeria)	Reader
A.E. Ochonogor, B.Sc. (Lagos), M.Sc. (Ibadan), Ph.D. (Leads)	Senior Lecturer
J.N. Asegbeloyin, B.Sc. (Calabar), M.Sc., Ph.D. (Nigeria)	Senior Lecturer
P.M. Ejikeme, B.Sc. (Port-Harcourt), M.Sc., Ph.D. (Nigeria)	Senior Lecturer
I.U. Agbo, B.Sc. (Yola), M.Sc. (Nigeria)	Senior Lecturer
B.E. Ezema, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
M.A. Ezeokonkwo, B.Sc., (Calabar), M.Sc. Ph.D. (Nigeria)	Senior Lecturer
O.T. Ujam, B.Sc., M.Sc. (Nigeria), Ph.D. (Waikato)	Senior Lecturer
N.R. Ekere, B.Sc., M.Sc. (Nigeria), Ph.D. (Owerri)	Senior Lecturer
J.N. Ihedioha, B.Sc., (Awka), M.Sc., Ph.D. (Nigeria)	Senior Lecturer
A.U. Ofoefule, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
S. I. Eze, B.Sc/Ed, M.Sc., Ph.D. (Nigeria)	Senior Lecturer

C.N. Ibeto, B.Sc. (Ibadan), M.Sc., Ph.D. ((Nigeria)	Senior Lecturer
N.N Ukwueze, B.Sc., M.Sc. (Nigeria)	Senior Lecturer
J.U. Ani, B.Eng., M.Eng. (Enugu), Ph.D. (Nigeria)	Senior Lecturer
E. A. Onoabedje, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
U.S. Oruma, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
K. G. Akpomie, B.Sc. (Jos), M.Sc., Ph.D. (Ibadan)	Lecturer I
C. U. Ibeji, B.Sc. (Benin), M.Sc., Ph.D. (Ibadan)	Lecturer II
F.U. Eze, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
D.I. Ugwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
O.C., Okpareke, B.Sc. (Abia), M.Sc. (Nigeria), Ph.D. (Waikato)	Lecturer II
K.K., Onyia, B.Sc. (Nigeria), M.Sc. (Ibadan)	Lecturer II
C.C Ezeofor, B.Sc., M.Sc. (Nigeria)	Lecturer II
J.I., Ayogu, B.Sc., M.Sc.(Nigeria)	Assistant Lecturer
T. N. Alumona, B.Sc., M.Sc. (Nigeria)	Lecturer II
I.I., Agboola, B.Sc. (Oyo), M.Sc. (Lagos)	Assistant Lecturer
O.A., Odewole, B.Sc. (Ogun), M.Sc. (Ilorin)	Assistant Lecturer.
O. Alum, B.Sc., M.Sc. (Nigeria)	Lecturer II
C. Uzoewulu, B.Sc., M.Sc. (Nigeria)	Graduate Assistant
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C. S. Anyaezu, B.Sc., M.Sc. (Nigeria)	Graduate Assistant
D.C. Izuogu, B.Sc. (Nigeria), M.Sc. (Tohoku)	Graduate Assistant
O.D. Okagu, B.Sc., M.Sc. (Nigeria)	Lecturer II
C. Okey, B.Sc. (Nigeria)	Graduate Assistant
E. E. Oyeka, B.Sc., M.Sc. ((Nigeria)	Graduate Assistant
C. J. Ezeorah, B.Sc. (Nigeria)	Graduate Assistant
O.U. Okenyeka, B.Sc. (Nigeria)	Graduate Assistant
L.C. Ekowo, B.Sc. (Nigeria)	Graduate Assistant
E.L. Onyeyilim, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
J. A, Ezugwu, B.Sc., M.Sc. (Nigeria), PGDE (Enugu)	Assistant Lecturer
S.I. Attah, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
G.I. Odigbo, B.A. (Nigeria)	Principal Executive. Officer II
E.N. Odo,, OND (Nigeria)	Assist. Executive. Officer
E.C. Mbaoji, HND (Ibadan)	Chief Technologist
P.I. Anyaoha, HND (Nigeria)	Chief Technologist
J. I. Ugwu, HND (Nigeria)	Chief Technologist
F.O. Ugwuanyi, HND (Nigeria)	Assistant Chief Technologist
A.M. Olaleye, M.Sc. (Awka), M.Sc. (Nigeria)	Senior Technologist
J. Didiugwu, B.Eng. (Owerri)	Senior Technologist
E. Kanu, B.Sc., (Nigeria)	Higher Technical Officer II
O.H. Ajah, B.Sc. (Enugu)	Higher Technical Officer II
E.U. Obinma, B.Engr. (Enugu)	Higher Technical Officer II
O. C. Ukachukwu. B.Sc. (Nigeria)	Higher Technical Officer II
P.C. Onyeka, B.Sc. (Awka)	Higher Technical Officer II
P. Kalu, B.Sc. (Abia)	Higher Technical Officer II
C.E. Ugwu, B.Sc., PGDE (Nigeria)	Higher Technical Officer II
J.N. Chinweike, B.Sc. Ed., (Nigeria)	Higher Technical Officer II
O.S. Onah, HND	Higher Technical Officer II
I. Ogbu, B.Sc. (Nigeria)	Higher Technical Officer II
P.C. Muodozie, B.Sc. (Awka)	Higher Technical Officer II
E. Dinneya-Onuoha, B. Eng., (Owerri)	Higher Technical Officer II
L.O. Akupue, B.Sc. (Ebonyi)	Higher Technical Officer II
I.A. Ucheana, B.Technical (Owerri)	Higher Technical Officer II
C. E. Nwodo, B.Sc. (Nigeria), PGDE (Okija)	Higher Technical Officer II
C.J. Aguwamba, B.Sc. (Nigeria)	Higher Technical Officer II
N.H. Chinwe, B.Sc. (Enugu)	Higher Technical Officer II
O.C. Ewulu, B.Sc. (Awka)	Higher Technical Officer II
U. Onyenze, HND (Enugu)	Higher Technical Officer II
O.C. Okolo, B.Sc.,M.Sc. (Anambra)	Higher Technical Officer II
D.O. Adibe, B.Sc.(Awka)	Higher Technical Officer II
U.P. Okolo, B.Sc. (Anambra)	Higher Technical Officer II



S. U. Nwoke, B.Sc.(Nigeria)	Higher Technical Officer II
A.L. Igwebuike, B.Sc. (Nigeria)	Higher Technical Officer II
M.A. Bello, B.Sc. (Benin)	Higher Technical Officer II
E.T. Achilonu, B.Sc. (Anambra)	Higher Technical Officer II.
A.N. Iziga, HND (Enugu)	Technologist II
A.C. Ukachukwu, B.Sc. (Nigeria)	Higher Technical Officer II
C.S. Omeje, B.Technical (Owerri)	Technologist II
K.N. Oke, B.Sc. (Ilorin)	Higher Technical Officer II
V.O. Ibeh, B.Sc. (Benin)	Technologist II

### Brief History

The Department of Pure and Industrial Chemistry was established in October 1960 as Department of Chemistry in the then Faculty of Science. In 1976, a degree in Industrial Chemistry was introduced. The University Senate in recognition of the two degree programmes offered by the department approved the change in the name of the department from Chemistry to Pure and Industrial Chemistry from the beginning of the 1984/85 session. In 2001, the department merged the two degree programmes into a degree in Pure and Industrial Chemistry retaining the degree in Combined Physical Sciences.

### Philosophy

Chemistry is the index of industrial development. The giant strides made by man in the understanding and exploitation of nature, synthesis of new materials essential to the enhancement of the quality of life, and the surge in and sustenance of economic and technological progress have benefited immensely from Chemistry. It is very important in modern science and technology and essential for the material progress of the world. Chemical products are used in one form or another in practically every industry before eventually emerging as part of our daily lives.

The academic programmes in Chemistry are designed to provide training in the theory and practice of all branches of Chemistry and to stimulate creative thinking and research. They emphasize the importance of a thorough grounding in experimental chemistry and the need to expose the students to operational aspects of chemical industry and to modern analytical tools.

### Objectives

1. To give students a good exposure to the theoretical and practical aspects of chemistry.
2. To provide students with a wide range of abilities and skills presented in three broad categories, viz: Cognitive abilities, Practical and General Skills.
3. To train students who will be employable in the industries and who can also be self-employed.
4. To produce graduates who can exploit the abundant natural resources of this country for the benefit of the society.

### Scope

During the course of study, students are required to visit centres of chemical industry and write reports. Students are expected to participate in departmental seminars and are required to give their own seminars in the final year. Also in the final year, students are required to carry out research on topics assigned by the department. Pure & Industrial Chemistry students are also required to participate in the Students' Industrial Work Experience Scheme (SIWES) and are attached to chemical industries in Nigeria (as part of their academic programme) at the end of the *First Semester* of fourth year for a period of six months. The Department of Pure and Industrial Chemistry offers the following five-year degree programmes:

- i. B. Sc. (Hons) degree in Pure and Industrial Chemistry.
- ii. B. Sc. Combined (Hons) degree in Chemistry and any one of the following subjects: Mathematics, Physics, Microbiology, Botany and Zoology.

### Entry Requirements

Candidates seeking admission through UTME/DE examinations, in addition to the University requirements, are required to obtain credits in Chemistry, English Language, Physics, Mathematics and Biology or Agricultural Science in the Senior Secondary School Certificate Examination or its equivalent prior to admission.

Direct entry students must have passed Chemistry, Physics and Mathematics in GCE (Advanced Level) HSC (Principal Level) or any other equivalent examination.

### Job Opportunities

The successful graduates are equipped for higher studies and careers in teaching, research institutes, chemical laboratories, Ministries of Science and Technology, Education, Agriculture, Health, Industry, Environment and in such diverse industries as vegetable oils, soap and detergents, paints and varnishes, plastics, brewing, pharmaceuticals, sugar, paper and pulp, textiles, fertilizer, cement, ceramics, iron and steel, petroleum, coal, dyestuff, etc. Our graduates are also equipped for self-employment.

**Stress Areas**

Foundation Chemistry	0
Physical Chemistry	1
Organic Chemistry	2
Analytical Chemistry	3
Inorganic Chemistry	4
Chemical Process Technology	5
Chemical Industries	6
Practical Courses	7
Seminar	8
Project	9

**Standard Five Year Programme****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

CHM 101	Basic Principles of Inorganic Chemistry	2
CHM 103	Basic Practical Chemistry	2

**Required Ancillary Courses**

MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
BIO 151	General Biology I	3
PHY 115	General Physics for Physical Sciences I	2
PHY 195	Practical Physics I	2

**General Studies Course**

GSP 101	The Use of English I	2
GSP 201	The Social Sciences I	2
		21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

CHM 102	Basic Principles of Physical Chemistry	2
CHM 104	Basic Principles of Organic Chemistry	2
CHM 106	Introduction to Industrial Chemistry	2

**Required Ancillary Courses**

PHY 106	General Physics for Physical Sciences III	2
BIO 152	General Biology II	3
MTH 122	Elementary Mathematics III	3

**General Studies Course**

GSP 102	The Use of English II	2
GSP 202	Issues in Peace Studies & Conflict Resolution	2
		18

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

CHM 211	General Physical Chemistry	2
CHM 221	General Organic Chemistry I	2
CHM 241	General Inorganic Chemistry	2
CHM 273	Practical Organic Chemistry I	22

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
MTH 207	Advanced Mathematics VII	2
PHY 251	Electromagnetism	2

**General Studies Course**

GSP 101	The Use of English I (For direct entry only)	2
GSP 207	Humanities I	2

**Electives**

Students to take **2 or 3 units** from the following courses approved by the Department: 2or3

ECO 101	Principles of Economics I	
GLG 103	Basic and Applied Geology for Environmental Physical and Social Sciences	3
BCH 201	General Biochemistry I	3
STA 203	Statistics for Physical Sciences and Engineering I	2
		<hr/> 18/19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

CHM 222	General Organic Chemistry II	2
CHM 232	Analytical Chemistry I	2
CHM 252	Chemical Process Principles	2
CHM 272	Practical Physical Chemistry I	2
CHM 274	Practical Inorganic Chemistry I	2

**Required Ancillary Course**

MTH 206	Advanced Mathematics VII	2
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**General Studies Course**

GSP 102	The Use of English II (For Direct Entry only)	2
GSP 208	Humanities II	2

**Electives**

Students to take **2 or 3 units** from the following courses approved by the Department: 2or3

BCH 201	General Biochemistry I	3
MTH 208	Advanced Mathematics VIII	2
PHM 241	Pharmacognosy I	1
PHY 262	Introduction to Atomic and Nuclear Physics	3
STA 206	Statistics for Physical Sciences and Engineering	1
PHY 292	Practical Physics IV	2
		<hr/> 18/19

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

CHM 311	Physical and Structural Chemistry I	2
CHM 321	Organic Chemistry I	2
CHM 341	Inorganic Chemistry I	2
CHM 351	Chemical Process Calculation	2
CHM 361	Chemical Industry, Environment & Climate Change	2
CHM 363	Polymer Chemistry	2
CHM 371	Practical Inorganic Chemistry II	2
CHM 373	Practical Organic Chemistry II	2

**Required Ancillary Courses**

CED 341	Introduction to Entrepreneurship	2
COS 201	Computer Programming I	2

**Electives**

Students to take **2 or 3 units** from the following courses approved by the Department: 2or3

FRE 101	Elementary French I	2
GER 101	Elementary German I	2
BCH 311	Biological Macromolecules	2
CHM 323	Organic Chemistry III	2
PHM 341	Pharmacognosy II	3
PHY 351	Electronics	2
PHY 362	Quantum Mechanics I	3
		<hr/> 22/23

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

CHM 312	Physical and Structural Chemistry II	2
CHM 314	Physical and Structural Chemistry III	2
CHM 322	Organic Chemistry II	2
CHM 324	Organic Chemistry IV	2
CHM 342	Inorganic Chemistry II	2
CHM 344	Inorganic Chemistry III	2
CHM 352	Chemical Process Technology I	2
CHM 372	Practical Physical Chemistry II	2
CHM 374	Applied Spectroscopy	2

**Required Ancillary Courses**

CED 342	Business Development & Management	2
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**Electives**

		2
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Students to take **2** units from the following courses approved by the Department:

ECO 102	Principles of Economics	2
FRE 102	Elementary French II	2
GER 102	Elementary German II	2
PHM 344	Phytoevaluation	2
CHM 346	Introduction to Solid State Chemistry	2
		<hr/> 22

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

CHM 411	Advanced Physical Chemistry I	2
CHM 421	Advanced Organic Chemistry I	2
CHM 431	Analytical Chemistry II	2
CHM 441	Advanced Inorganic Chemistry I	2
CHM 451	Chemical Process Technology II	2
CHM 471	Practical Industrial Chemistry	2
CHM 473	Chemical Products Development I	2

**Required Ancillary Courses**

ME 481	Technology Development Policy	2
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**Electives**

		2
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Students to take **2 units** from the following courses recommended by the Department:

PHY 415	Science of Materials	2
PHM 441	Physiochemical analysis	2
PHY 443	Biomass Energy	2
MCB 452	Industrial Microbiology	2
CHM 463	Colour Chemistry and Technology I	2
CHM 465	Cement and Fertilizer Industries	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

CHM 472	SIWES	6
CHM 474	SIWES Report	3
CHM 476	SIWES Seminar	6
		<hr/> 15

**Fifth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

CHM 511	Advanced Physical Chemistry II	2
CHM 531	Modern Analytical Techniques	2
CHM 541	Advanced Inorganic Chemistry II	2
CHM 551	Chemical Process Technology III	2
CHM 553	Polymer Chemistry and Technology	2
CHM 561	Petroleum Chemistry	2
CHM 573	Chemical Products Development II	2

CHM 581	Seminar	2
<b>Electives</b>		2
Students to take <b>2</b> units from the following courses recommended by the Department:		
PHY 332	Introduction to Nanosciences and Nanotechnology	2
CHM 523	Modern Synthetic Methods in Organic Chemistry	2
CHM 543	Modern Synthetic Methods in Inorganic Chemistry	2
CHM 567	Pharmaceutical Industry	2
CHM 563	Paper and Pulp Industry	2
CHM 569	Oils, Fats Detergents and Chloro-Alkali Industries	2
		18

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
CHM 512	Applied Surface and Colloid Chemistry	2
CHM 522	Advanced Organic Chemistry II	2
CHM 552	Chemical Process Technology IV	2
CHM 566	Chemistry of Coal and Coal Products	2
CHM 592	Project	6
<b>Electives</b>		2
Students to take <b>2</b> units from the following courses recommended by the Department:		
CHM 524	Chemistry of Natural Products II	2
CHM 562	Colour Chemistry and Technology II	2
CHM 564	Extraction Metallurgy	2
CHM 568	Sugar and Fermentation Industry	2
CHM 554	Paint Technology	2
		16

**Four Year Standard Programme**

The four-year degree programme is the same as the programme for the second, third, fourth and fifth years of the five-year degree programme as given below:

**Second Year**

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
CHM 211	General Physical Chemistry	2
CHM 221	General Organic Chemistry I	2
CHM 241	General Inorganic Chemistry	2
CHM 273	Practical Organic Chemistry I	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
MTH 207	Advanced Mathematics VII	2
PHY 251	Electromagnetism	2
<b>General Studies Course</b>		
GSP 101	The Use of English I (For direct entry only)	2
GSP 207	Humanities I	2
<b>Electives</b>		2or3
Students to take <b>2 or 3</b> units from the following courses approved by the Department:		
ECO 101	Principles of Economics I	2
GLG 103	Basic and Applied Geology for Environmental Physical and Social Sciences	3
BCH 201	General Biochemistry I	3
STA 203	Statistics for Physical Sciences and Engineering I	2
		18/19

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
CHM 222	General Organic Chemistry	2
CHM 232	Analytical Chemistry I	2
CHM 252	Chemical Process Principles	2
CHM 272	Practical Physical Chemistry I	2
CHM 274	Practical Inorganic Chemistry II	2

**Required Ancillary Courses**

MTH 206	Advanced Mathematics VII	2
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**General Studies Course**

GSP 102	The Use of English II (For Direct Entry only)	2
GSP 208	Humanities II	2

**Electives**

2or3

Students to take **2 or 3 units** from the following courses approved by the Department:

BCH 201	General Biochemistry I	2
MTH 208	Advanced Mathematics VIII	2
PHM 241	Pharmacognosy I	1
PHY 262	Introduction to Atomic and Nuclear Physics	3
STA 206	Statistics for Physical Sciences and Engineering II	1
PHY 292	Practical Physics IV	2

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18/19**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

CHM 311	Physical and Structural Chemistry I	2
CHM 321	Organic Chemistry I	2
CHM 341	Inorganic Chemistry I	2
CHM 351	Chemical Process Calculations	2
CHM 361	Chemical Industry, Environment & Climate Change	2
CHM 363	Polymer Chemistry	2
CHM 371	Practical Inorganic Chemistry II	2
CHM 373	Practical Organic Chemistry II	2

**Required Ancillary Courses**

CED 341	Introduction to Entrepreneurship	2
COS 201	Computer Programming I	2

**Electives**

2or3

Students to take **2 or 3 units** from the following courses approved by the Department:

FRE 101	Elementary French I	2
GER 101	Elementary German I	2
BCH 311	Biological Macromolecules	2
CHM 323	Organic Chemistry III	2
PHM 341	Pharmacognosy II	3
PHY 351	Electronics	2
PHY 362	Quantum Mechanics I	3

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22/23**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

CHM 312	Physical and Structural Chemistry II	2
CHM 314	Physical and Structural Chemistry III	2
CHM 322	Organic Chemistry II	2
CHM 324	Organic Chemistry IV	2
CHM 342	Inorganic Chemistry II	2
CHM 344	Inorganic Chemistry III	2
CHM 352	Chemical Process Technology I	2
CHM 372	Practical Physical Chemistry II	2
CHM 374	Applied Spectroscopy	2

**Required Ancillary Courses**

CED 342	Business Development & Management	2
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**Electives**

2

Students to take **2 units** from the following courses approved by the Department:

ECO 102	Principles of Economics	2
FRE 102	Elementary French II	2
GER 102	Elementary German II	2
PHM 344	Phytoevaluation	2

CHM 346 Introduction to Solid State Chemistry

2

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#### Fourth Year

##### First Semester

CODE TITLE

UNITS

##### Major Courses

CHM 411 Advanced Physical Chemistry I

2

CHM 421 Advanced Organic Chemistry I

2

CHM 431 Analytical Chemistry II

2

CHM 441 Advanced Inorganic Chemistry I

2

CHM 451 Chemical Process Technology II

2

CHM 471 Practical Industrial Chemistry

2

CHM 473 Chemical Products Development I

2

##### Required Ancillary Courses

ME 481 Technology Development Policy

2

##### Electives

2

Students to take **2 units** from the following courses recommended by the Department:

PHY 415 Science of Materials

2

PHM 441 Physiochemical analysis

2

PHY 443 Biomass Energy

2

MCB 452 Industrial Microbiology

2

CHM 463 Colour Chemistry and Technology I

2

CHM 465 Cement and Fertilizer Industries

2

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 18

##### Second Semester

CODE TITLE

UNITS

##### Major Courses

CHM 472 SIWES

6

CHM 474 SIWES Report

3

CHM 476 SIWES Seminar

6

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#### Fifth Year

##### First Semester

CODE TITLE

UNITS

##### Major Courses

CHM 511 Advanced Physical Chemistry II

2

CHM 531 Modern Analytical Techniques

2

CHM 541 Advanced Inorganic Chemistry II

2

CHM 551 Chemical Process Technology III

2

CHM 553 Polymer Chemistry and Technology

2

CHM 561 Petroleum Chemistry

2

CHM 573 Chemical Products Development II

2

CHM 581 Seminar

2

##### Electives

2

Students to take **2 units** from the following courses recommended by the Department:

PHY 332 Introduction to Nanosciences and Nanotechnology

2

CHM 523 Modern Synthetic Methods in Organic /chemistry

2

CHM 543 Modern Synthetic Methods in Inorganic Chemistry

2

CHM 567 Pharmaceutical Industry

2

CHM 563 Paper and Pulp Industry

2

CHM 569 Oils, Fats Detergents and Chloro-Alkali Industries

2

##### Second Semester

CODE TITLE

UNITS

##### Major Courses

CHM 512 Applied Surface and Colloid Chemistry

2

CHM 522 Advanced Organic Chemistry II

2

CHM 552 Chemical Process Technology IV

2

CHM 566 Chemistry of Coal and Coal Products

2

CHM 592	Project	6
<b>Electives</b>		2
Students to take <b>2</b> units from the following courses recommended by the Department:		
CHM 524	Chemistry of Natural Products II	2
CHM 562	Colour Chemistry and Technology II	2
CHM 564	Extraction Metallurgy	2
CHM 568	Sugar and Fermentation Industry	2
CHM 554	Paint Technology	2
		<hr/> 16

**Science Laboratory Technology****Staff**

A.E. Chukwude, B.Sc., M.Sc., Ph.D., (Nigeria)	Professor/Coordinator
J. C. Ndefo, B.Sc., M.Sc., Ph.D., (Nigeria)	Lecturer I
A. L. Ogara, B.Tech, (Akure), M.Sc. (Nigeria)	Lecturer II
C. J. Ugwu, B.Sc., M.Sc., (Nigeria)	Lecturer II
N. M. Orjioke B.Sc. (Enugu), M.Sc. (Nigeria)	Lecturer II
C. N. Eze, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
I. O. Eya, M.Sc., Ph.D., (Nigeria)	Lecturer II
S. A. Ihim B.Pharm, M.Pharm (Nigeria)	Lecturer II
C. G. Chukwuebuka B.Sc. (Ebonyi) M.Sc. (Lagos)	Assistant Lecturer
A. V. Arazu, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
E. N. Dim, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
D. C. Obiegbuna B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
J. N. Nwamaka B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
J. Akor B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
B. O. Ezema B.Sc. (Ebonyi) M.Sc. (Nigeria)	Assistant Lecturer
V. I. Okonkwo B.Sc. (Ebonyi) M.Sc. (Nigeria)	Assistant Lecturer
J. O. Umezina B.Sc. (Porthacout) M.Sc. (Nigeria)	Assistant Lecturer
C. C. Aduba, B.Sc., M.Sc. (Awka)	Assistant Lecturer
K. E. Ogbonna, B.Sc. (Ebonyi) M.Sc. (Nigeria)	Assistant Lecturer
S. A. Odiba, B.Sc. (Jos) M.Sc. (Nigeria)	Assistant Lecturer
J. O. Ogbodo B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
J. A. Nweze B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
T. O. Ayoka B.Sc. (Awka) M.Sc. (Owerri)	Assistant Lecturer
K. T. Ughamba B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
E. A. Ani B.Tech (Owerri)	Graduate Assistant
I. E. Eze B.Sc., M.Sc. (Nigeria)	Higher Technical Officer I
J. O. Onuh OND	Higher Executive Officer
S. I. Orjiocha HND	Technologist II
K. C. Umeano, B.Sc. (Benin)	Technologist II
U. C. Enwelum, B.Sc., M.Sc. (Nigeria)	Higher Technical Officer II
C. C. Nzenwa, B.Sc. (Anambra)	Higher Technical Officer II
R. C. Onah. HND	Technologist II
G. A. Dike, HND	Technologist II
B. C. Effiong, HND	Technologist II
P. A. Chimbo, B.Sc. (Abia)	Technologist II
C. E. Ogbuefi HND	Confidential Secretary I
C. M. Ayidah HND	Technologist II
I. C. Chukwudozie B.Sc. Nigeria)	Higher Technical Officer II
N. C. Nwangwu B.Sc. (Awka)	Higher Technical Officer II
S. Ndubuisi B.Sc. (Ebonyi)	Higher Technical Officer II
A. U. Ozioko HND	Higher Technical Officer II
E. K. Nwaogwugwu B.Sc. (Nigeria)	Higher Technical Officer II
B. Idahosa B.Sc. (Nasarawa)	Technologist II
E. C. Sam HND	Technologist II
P. C. Emmanuel HND	Higher Technical Officer II
P. C. Okoye, B.Sc. (Ebonyi)	Higher Technical Officer II
C. E. Eze B.Sc. (Nigeria)	Higher Technical Officer II
U. J. Okeugo, B.ENG, M.ENG (Nigeria)	Higher Technical Officer II
D. A. Chibuzoh, B.Sc. (Owerri)	Higher Technical Officer II



M. E. Ituma, B.Sc., (Ebonyi)  
 C. M. Nwali, HND  
 J. C. Ezerendu, OND  
 E. M. Jinwa, HND

Higher Technical Officer II  
 Higher Technical Officer II  
 Technical Officer  
 Higher Technical Officer II

### **Brief History**

In 2004, the University of Nigeria Senate ratified the restructuring of the Science Laboratory Technology (SLT) programme. The purpose of this was to enable the programme to award Basic Technology Certificate (BTC), National Diploma (ND), and Higher National Diploma (HND) of the University of Nigeria in Science Laboratory Technology. With this restructuring, graduates of the SLT programme were only required to write the professional qualifying examinations administered by Nigerian Institute of Science Technology.

At its 379<sup>th</sup> meeting held on Wednesday October 22, 2014, the Senate of University of Nigeria considered and approved the revised curriculum of the Degree Programme in Science Laboratory Technology. In its approval of the curriculum, which was designed to award a Bachelor of Science, B.Sc. (Tech) in five techniques, which include: Biochemistry, Chemistry, Microbiology/Virology, Physics/Electronic and Pharmacology/Physiology, the senate noted the multi-disciplinary nature of the programme. To this effect, the Senate recommended the appointment of a coordinator to oversee the new degree programme in science laboratory technology.

### **General Information**

The Degree Programme in Science Laboratory Technology intends to offer a five- and four-year standard degree programme leading to the award of a Bachelor of Science in Technology (B.Sc.(Tech)) Honours Degree in Science Laboratory Technology.

### **Philosophy**

Science Laboratory Technologists are highly desirable manpower resources for scientific and technological advancements in universities and research institutes. The level of training in analyses and the degree of exposure to instrumentation determine the competence of a technologist. The high level of sophistication already attained by equipment manufactures would require that technologists undergo university education. Graduate of Polytechnics, as considered by the National Board for Technical Education (NBTE) and Federal Ministry of Education, are not trained enough to manage University laboratories. The lack of adequate trained/skilled technologists to keep sophisticated scientific instruments in good operation condition is a serious constraint in equipment usage, proper translation and interpretation of scientific data. This is important because the phasing out of the SLTTS programme in universities has created scarcity of this important category of manpower in the university in particular and the national economic sector in general. On record, about twenty-two universities participated in running the SLT programme which has been stopped all over the country. The products of the SLT programme from polytechnics alone as alternative will not be adequate to cope with the advanced nature of the universities' scientific research and development programmes, particularly as some of the advanced techniques are not offered in the polytechnics.

### **Objectives**

The objectives of this programme are to produce highly trained technologists that will be competent enough to:

- (i) Management of institutional, industrial and research laboratories and workshops to meet the technological needs of Nigeria.
- (ii) Maintenance of stock of laboratory and workshop materials.
- (iii) Operate and maintain modern science-based laboratory and workshop equipments
- (iv) Designing, execution and coordination of science –based experiments and research in laboratories and workshops

### **Scope**

The Science Laboratory Technology programme provides its students with a broad based knowledge of theoretical, technological and practical knowledge in the multi-disciplinary field of Laboratory Technology. The B.Sc. (Tech) curriculum covers a wide range of technical specialties, which include biochemistry techniques, chemistry techniques, microbiology/ virology techniques, physics/ electronics

techniques, physiology/pharmacology techniques, electromechanical techniques, and food, bio-resources and biotechnology techniques. The programme provides five (5)-year or four (4)-year training to candidates that meet the minimum entry requirements for university education in Nigeria, depending on the mode of admission.

#### **Admission Requirments**

##### **(a)i Unified Tertiary Matriculation Examination (UTME) – Standard Five-year programme**

Five (5) credit level passes in SSCE (WAEC or NECO)/GCE O/L in physics, Chemistry, Biology, Mathematics and English Language obtained at not more than two (2) sittings. Equivalent qualifications such as NABTEB are acceptable. An acceptable pass in UTME is also required

##### **(a)ii Required Unified Tertiary Matriculation Examination (UTME)**

The UTME subject combinations for students seeking admission into the Physics/Electronic and Chemistry Techniques are English Language, Chemistry, Physics and Mathematics. On the other hand, the subject combinations for the remaining techniques (Biochemistry, Microbiology/Virology and Pharmacology/Physiology) techniques are English language, Biology, Chemistry and Physics.

##### **(b) Direct Entry – Standard Four-year programme**

National Diploma (ND) or Bachelor Science Degree (B.Sc) in Science Laboratory Technology or any of the relevant subjects in the learning areas passed at a minimum of Lower Credit or Lower Class Honours, respectively, from recognized higher institutions. Direct entry candidates must also possess the minimum required five (5) credit level passes at SSCE/GCE O/L or its equivalent. The minimum duration of the programme for direct entry is four (4) years and the students enter the programme in second year of the standard five-year programme.

#### **Job Opportunities**

Products of this programme, who are Science Laboratory Technologists, will play very important roles in meeting the human resources needs of the technological aspects of industries, universities, and research institutes. The graduates of this programme will be able to work in secondary and tertiary institutions, research-based institutions, petrochemical, agro-based industries, hospitals, pharmaceutical industries, veterinary, engineering and private laboratories.

#### **Learning Areas/Techniques**

- (i) Chemistry Techniques
- (ii) Biochemistry Techniques
- (iii) Microbiology/Virology Techniques
- (iv) Physics/Electronics Techniques
- (v) Physiology/Pharmacology Techniques

#### **Eligibility for Graduation**

To be eligible for the award of the degree of B.Sc(Tech) in Science Laboratory Technology in University of Nigeria, a candidate must satisfy the following conditions:

- (i) Pass all University/Faculty Compulsory Courses
- (ii) Pass all departmental core courses
- (iii) Spend the minimum number of semesters prescribed by the University
- (iv) Complete not less than six months of approval practical field work during the long vacation.
- (v) Obtain the required total credit units as approved by the senate of the University

#### **Attainment Levels**

Graduates of Science Laboratory Technology are expected to have the ability to apply knowledge and skills to solving theoretical and practical problems in science laboratory environment in relation to national and societal problems.

#### **Course Codes**

- (1) SMB - Microbiology
- (2) SCH - Chemistry
- (3) SBC - Biochemistry
- (4) SPE - Physics with Electronics
- (5) SPP - Physiology/Pharmacology
- (6) GLT - General Laboratory

**Common Courses for all Students****First Year****First Semester**

CODE	TITLE	UNITS
<b>Required Ancillary Courses</b>		
PHY 115	General Physics for Sciences I	2
PHY 191	Practical Physics I	2
CHM 101	Basic Principles of Inorganic Chemistry	2
CHM 171	Basic Practical Chemistry	2
BIO 151	General Biology I	3
MTH 111	General Mathematics I	3
<b>General Studies Courses</b>		
GSP 101	Use of English I	2
GSP 111	The Use of Library and Study Skills	2
		<b>18</b>

**First Semester**

CODE	TITLE	UNITS
<b>Major Course</b>		
GLT 102	Workshop Technology and Practice	2
GLT 104	Glass-Blowing Technology	2
<b>Required Ancillary Courses</b>		
PHY 116	General Physics for Sciences II	2
PHY 118	General Physics for Sciences III	2
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic principles of Organic Chemistry	2
BIO 152	General Biology II	3
MTH 112	General Mathematics II	3
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
		<b>20</b>

**Biochemistry Techniques****Five-Year Standard Programme (UTME)****Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 201	Instrument Maintenance I	2
SBC 201	General Biochemistry I	3
SMB 201	General Microbiology I	3
SCH 201	General Inorganic Chemistry	2
SCH 211	General Physical Chemistry	2
SCH 221	General Organic Chemistry	2
<b>General Studies Course</b>		
GSP 201	Basic Concepts and Theory of Peace	2
GSP 207	Logic, Philosophy and Human Existence	2
<b>Electives</b>		
A minimum of 2 Units selected from one of the following courses.		2
STA 203	Statistics for Biological Sciences I	2
MTH 207	Advanced Mathematics VII	2
ECO 101	Principles of Economics I	2
		<b>20</b>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 202	Hazards and Safety in the Laboratory/Lab. Maintenance and Fittings	2
SBC 202	General Biochemistry II	3
SBC 204	Biological Laboratory Techniques I	2
SBC 206	Genetics I	2

SCH 232	Analytical Chemistry	2
COS 102	Introduction to Computer Science	3
<b>General Studies Course</b>		
GSP 202	Issues in Peace and Conflict Resolution	2
GSP 208	Nigerian People and Culture	2
<b>Electives</b>		2or3
A minimum of 2 Units selected from one of the following courses.		
MTH 242	Mathematical Methods	3
STA 204	Statistics for Biological Sciences II	2
ECO 102	Principles of Economics II	2
		<hr/> 20/21
<b>Third Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
SBC 301	Enzymology	3
SBC 341	Food Biochemistry	2
SBC 351	Chemistry and Metabolism of Carbohydrates	2
SBC 353	Metabolism of Amino Acid and Proteins	2
SBC 381	Techniques in Biochemistry	2
SCH 311	Physical and Structural Chemistry	2
SCH 321	Organic Chemistry I	2
SCH 335	Instrumental Method of Analysis	3
<b>General Studies Course</b>		
CED 341	Introduction to Entrepreneurship	2
<b>Electives</b>		2or3
A minimum of 2 Units selected from a combination of the following courses.		
COS 201	Computer Programming I	2
SBC 311	Membrane Biochemistry	2
SMB 301	Microbial Physiology	2
		<hr/> 22/23
<b>Second Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
SBC 314	Protein Biosynthesis	2
SBC 342	Nutritional Biochemistry	2
SBC 352	Chemistry and Metabolism of Lipids	2
SBC 354	Metabolism of Nucleic Acids	2
SBC 382	General Biochemical Methods	2
SMB 304	Microbial Genetics	3
SCH 370	Chemistry Laboratory Techniques and Practice I	3
<b>General Studies Course</b>		
CED 342	Business Development and Management	2
<b>Electives</b>		1or2
A minimum of 2 Units selected from a combination of the following courses.		
SBC 332	Bioenergetics	1
SCH 374	Applied Spectroscopy	2
SMB 302	Microbial Metabolism	2
		<hr/> 20/21
<b>Fourth Year</b>		
<b>First Semester</b>		
<b>CODE</b>	<b>TITLE</b>	<b>UNITS</b>
<b>Major Courses</b>		
GLT 401	Laboratory Organisation and Management I	3
SBC 401	Advanced Enzymology	2
SBC 411	Biosynthesis of Macromolecules	2
SBC 413	Genetic Engineering	2
SBC 417	Biochemistry of Parasites	2
SBC 423	Biochemical Toxicology I	3
SBC 421	Tissue Biochemistry	2

SBC 431	Bioinorganic Chemistry	2
SBC 481	Biochemical Reasoning	1
SBC 483	Advanced Biochemical Methods	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

SBC 492	Industrial Training (Site Work Supervision)	6
SBC 494	Industrial Training (University Supervision)	3
SBC 496	Industrial Training (Student Report)	3
		<hr/> 12

**Fifth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 501	Photography and Bio-illustration	2
SBC 505	Enzyme Biotechnology	2
SBC 513	Process Biochemistry	3
SBC 523	Biochemical Toxicology II	3
SBC 571	Industrial Biochemistry and Biotechnology	3
SBC 573	Advanced Biotechnology	3
SBC 591	Seminars in Biochemistry	2
		2

**Electives**

A minimum of 2 Units selected from one of the following courses

SBC 515	Biophysics	2
SMB 523	Industrial Microbiology and Biotechnology I	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 508	Lab. Organization and Management II	3
SBC 522	Pharmacological Biochemistry	2
SBC 542	Metabolic Regulations	2
SBC 562	Plant Biochemistry	2
SBC 592	Research Project	6
SCH 570	Chemistry Lab. Techniques and Practice III	3
		2

**Electives**

A minimum of 2 Units selected from one of the following courses

SBC 516	Biomass Utilization	2
SBC 582	Advanced Biomedical Methods	2
SCH 552	Industrial Chemical Process Technology III	2
		<hr/> 20

**Biochemistry Techniques****Four-Year Standard Programme (Direct Entry)****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 201	Instrument Maintenance I	2
SBC 201	General Biochemistry I	3
SMB 201	General Microbiology I	3
SCH 201	General Inorganic Chemistry	2
SCH 211	General Physical Chemistry	2
SCH 221	General Organic Chemistry	2

**General Studies Course**

GSP 101	Communication in English I	2
GSP 111	The Use of Library and Study Skills	2
GSP 201	Basic Concepts and Theory of Peace	2
GSP 207	Logic, Philosophy and Human Existence	2

<b>Electives</b>		2
A minimum of 2 Units selected from one of the following courses.		
STA 203	Statistics for Biological Sciences I	2
MTH 207	Advanced Mathematics VII	2
ECO 101	Principles of Economics I	2
		20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 202	Hazards and Safety in the Laboratory	2
SBC 202	General Biochemistry II	3
SBC 204	Biological Laboratory Techniques I	2
SBC 206	Genetics I	2
SCH 232	Analytical Chemistry	2
COS 102	Introduction to Computer Science	3
<b>General Studies Course</b>		2
GSP 102	Communication in English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
GSP 208	Nigerian People and Culture	2
<b>Electives</b>		2or3
A minimum of 2 Units selected from one of the following courses.		
MTH 242	Mathematical Methods	3
STA 204	Statistics for Biological Sciences II	2
ECO 102	Principles of Economics II	2
		18/19
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SBC 301	Enzymology	3
SBC 341	Food Biochemistry	2
SBC 351	Chemistry and Metabolism of Carbohydrates	2
SBC 353	Metabolism of Amino Acid and Proteins	2
SBC 381	Techniques in Biochemistry	2
SCH 311	Physical and Structural Chemistry	2
SCH 321	Organic Chemistry I	2
SCH 335	Instrumental Method of Analysis	3
<b>General Studies Course</b>		
CED 341	Introduction to Entrepreneurship	2
<b>Electives</b>		1or2
A minimum of 2 Units selected from a combination of the following courses.		
COS 201	Computer Programming I	2
SBC 311	Membrane Biochemistry	1
SMB 301	Microbial Physiology	2
		22/23
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SBC 314	Protein Biosynthesis	2
SBC 342	Nutritional Biochemistry	2
SBC 352	Chemistry and Metabolism of Lipids	2
SBC 354	Metabolism of Nucleic Acids	2
SBC 382	General Biochemical Methods	2
SMB 304	Microbial Genetics	3
SCH 370	Chemistry Laboratory Techniques and Practice I	3
<b>General Studies Course</b>		
CED 342	Business Development and Management	2
<b>Electives</b>		1or2
A minimum of 2 Units selected from a combination of the following courses.		
SBC 332	Bioenergetics	1

SCH 374	Applied Spectroscopy	2
SMB 302	Microbial Metabolism	2
		<hr/> 20/21
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 401	Laboratory Organisation and Management I	3
SBC 401	Advanced Enzymology	2
SBC 411	Biosynthesis of Macromolecules	2
SBC 413	Genetic Engineering	2
SBC 417	Biochemistry of Parasites	2
SBC 423	Biochemical Toxicology I	3
SBC 421	Tissue Biochemistry	2
SBC 431	Bioinorganic Chemistry	2
SBC 481	Biochemical Reasoning	1
SBC 483	Advanced Biochemical Methods	2
		<hr/> 21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SBC 492	Industrial Training (Site Work Supervision)	6
SBC 494	Industrial Training (University Supervision)	3
SBC 496	Industrial Training (Student Report)	3
		<hr/> 12
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 501	Photography and Bio-illustration	2
SBC 505	Enzyme Biotechnology	2
SBC 513	Process Biochemistry	3
SBC 523	Biochemical Toxicology II	3
SBC 571	Industrial Biochemistry and Biotechnology	3
SBC 573	Advanced Biotechnology	2
SBC 591	Seminars in Biochemistry	2
<b>Electives</b>		2
A minimum of 2 Units selected from one of the following courses		
SBC 515	Biophysics	2
SMB 523	Industrial Microbiology and Biotechnology I	2
		<hr/> 20
<b>Fifth Year</b>		
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 508	Lab. Organization and Management II	3
SBC 522	Pharmacological Biochemistry	2
SBC 542	Metabolic Regulations	2
SBC 562	Plant Biochemistry	2
SBC 592	Research Project	6
SCH 570	Chemistry Lab. Techniques and Practice III	3
<b>Electives</b>		2
A minimum of 2 Units selected from one of the following courses		
SBC 516	Biomass Utilization	2
SBC 582	Advanced Biomedical Methods	2
SCH 552	Industrial Chemical Process Technology III	2
		<hr/> 20
<b>Chemistry Techniques</b>		
<b>Five-Year Standard Programme (UTME Students)</b>		

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 201	Instrument Maintenance I	2
SCH 201	General Inorganic Chemistry	2
SCH 211	General Physical Chemistry	2
SCH 221	General Organic Chemistry I	2
SPE 261	Elementary Modern Physics	3
SPE 291	Practical Physics IV	2
<b>General Studies Courses</b>		
GSP 201	Basic Concepts and Theory of Peace	2
GSP 207	Logic, Philosophy and Human Existence	2
<b>Electives</b>		
A minimum of 2 Units from one of the following courses.		
MTH 207	Advanced Mathematics VII	2
STA 203	Statistics for Physical Sciences I	2
SPE 251	Electromagnetism	2
		19

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 202	Hazards and Safety in the Laboratory	2
SCH 222	General Organic Chemistry II	2
SCH 232	Analytical Chemistry	2
SCH 252	Chemical Process Principles	2
SPE 202	Basic Electrical Circuits	2
SPE 210	Basic Electronics	2
<b>General Studies Courses</b>		
GSP 202	Issues in Peace and Conflict Resolution Studies	2
GSP 208	Nigerian People and Culture	2
<b>Electives</b>		
A minimum of 2 Units from one of the following courses.		
MTH 242	Mathematical Methods I	3
SPE 262	Introduction to Atomic and Nuclear Physics	2
STA 206	Statistics for Physical Sciences II	2
		18/19

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
SCH 301	Inorganic Chemistry I	2
SCH 311	Physical and Structural Chemistry I	2
SCH 321	Organic Chemistry I	2
SCH 335	Instrumental Methods and Analysis	3
SCH 353	Introductory Industrial Chemistry	2
SCH 371	Practical Inorganic Chemistry I	2
SCH 381	Environmental Chemistry	2
SCH 385	Industrial Raw Materials Resource Inventory	1
<b>General Studies Course</b>		
CED 341	Introduction to Entrepreneurship	2
<b>Electives</b>		
A minimum of 2 Units from one of the following courses.		
MTH 331	Introduction to Mathematical Modeling	3
SCH 383	Polymer Chemistry I	2
SMB 313	Environmental Microbiology	2
		20/21

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		



SCH 302	Atomic & Molecular Structure and Symmetry	2
SCH 308	Organometallic Chemistry	2
SCH 322	Organic Chemistry II	2
SCH 326	Chemistry of Natural Products I	2
SCH 370	Chemistry Laboratory Techniques and Practice I	3
SCH 374	Applied Spectroscopy	2
SCH 382	Petroleum Chemistry	2
SCH 384	Quality Control and Industrial Safety	1
<b>General Studies Course</b>		
CED 342	Business Development and Management	2
<b>Electives</b>		2or3
A minimum of 2 Units from one of the following courses.		
SCH 352	Industrial Chemical Technology I	2
SPE 362	Quantum Mechanics I	3
SCH 386	Industrial Chemical Process I	2
		<hr/> 20/21
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 401	Laboratory Organization & Management	3
SCH 401	Coordination Chemistry	2
SCH 409	Heterocyclic Chemistry	2
SCH 415	Radiation Chemistry & Nuclear Chemistry	2
SCH 425	Food Chemistry	2
SCH 431	Modern Analytic Techniques	2
SCH 433	Instrumentation & Analytical Chemistry II	2
SCH 471	Chemistry Laboratory Techniques & Practice II	2
SCH 483	Colour Chemistry and Technology I	2
<b>Electives</b>		2
A minimum of 2 Units from one of the following courses.		
SCH 403	Modern Synthetic Methods in Inorganic Chemistry	2
SCH 411	Theory of Molecular Spectroscopy	2
SCH 423	Modern Synthetic Methods in Organic Chemistry	2
		<hr/> 21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SCH 492	Industrial Training (Site Work Supervision)	6
SCH 494	Industrial Training (University Supervision)	3
SCH 496	Industrial Training (Students Report)	3
		<hr/> 12
<b>Fifth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 501	Photography and Illustration	2
SCH 517	Reaction Kinetics	2
SCH 521	Food Analysis	2
SCH 535	Water and Waste Water Treatment	2
SCH 551	Industrial Chemical Process II	2
SCH 557	Industrial Chemical Technology II	2
SCH 583	Wood, Pulp and paper Chemistry	2
SCH 585	Cement and Fertilizer Industry	2
SCH 591	Seminar	2
<b>Electives</b>		2
A minimum of 2 Units from one of the following courses.		
SCH 513	Electrochemistry	2
SCH 531	Applied Surface & Colloid Chemistry	2

SCH 589	Oils, Fats, Detergents and Cholo-Alkali Industries	2
		20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 508	Laboratory organization and Mgt II	3
SCH 524	Chemistry of Natural Products II	2
SCH 554	Polymer Technology	2
SCH 570	Chemistry Laboratory Techniques and Practice II	2
SCH 580	Analysis of Selected Raw Materials and Drugs	2
SCH 584	Dye and Textile Chemistry Technology	2
SCH 592	Research Project	6
<b>Electives</b>		2
A minimum of 2 Units from one of the following courses.		
SCH 502	Advanced Inorganic Chemistry II	2
SCH 522	Advanced Organic Chemistry II	2
SCH 528	Quantum Chemistry	2
		21
<b>Chemistry Techniques</b>		
<b>Four-Year Standard Programme (Direct Entry Students)</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 201	Instrument Maintenance I	2
SCH 201	General Inorganic Chemistry	2
SCH 211	General Physical Chemistry	2
SCH 221	General Organic Chemistry I	2
SPE 261	Elementary Modern Physics	3
SPE 291	Practical Physics IV	2
<b>General Studies Courses</b>		
GSP 201	Basic Concepts and Theory of Peace	2
GSP 207	Logic, Philosophy and Human Existence	2
<b>Electives</b>		2
A minimum of 2 Units from one of the following courses.		
MTH 207	Advanced Mathematics VII	2
STA 203	Statistics for Physical Sciences I	2
SPE 251	Electromagnetism	2
		19
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 202	Hazards and Safety in the Laboratory	2
SCH 222	General Organic Chemistry II	2
SCH 232	Analytical Chemistry	2
SCH 252	Chemical Process Principles	2
SPE 202	Basic Electrical Circuits	2
SPE 210	Basic Electronics	2
<b>General Studies Course</b>		
GSP 202	Issues in Peace and Conflict Resolution Studies	2
GSP 208	Nigerian People and Culture	2
<b>Electives</b>		2or3
A minimum of 2 Units from one of the following courses.		
MTH 242	Mathematical Methods I	3
SPE 262	Introduction to Atomic and Nuclear Physics	3
STA 206	Statistics for Physical Sciences II	2
		18/19
<b>Second Year</b>		
<b>First Semester</b>		

CODE	TITLE	UNITS
<b>Major Courses</b>		
SCH 301	Inorganic Chemistry I	20/21
SCH 311	Physical and Structural Chemistry I	2
SCH 321	Organic Chemistry I	2
SCH 335	Instrumental Methods and Analysis	3
SCH 353	Introductory Industrial Chemistry	2
SCH 371	Practical Inorganic Chemistry I	2
SCH 381	Environmental Chemistry	2
SCH 385	Industrial Raw Materials Resource Inventory	1
<b>General Studies Course</b>		
CED 341	Introduction to Entrepreneurship	2
<b>Electives</b>		
A minimum of 2 Units from one of the following courses.		2or3
MTH 331	Introduction to Mathematical Modeling	3
SCH 383	Polymer Chemistry I	2
SMB 313	Environmental Microbiology	2
		20/21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SCH 302	Atomic & Molecular Structure and Symmetry	2
SCH 308	Organometallic Chemistry	2
SCH 322	Organic Chemistry II	2
SCH 326	Chemistry of Natural Products I	2
SCH 370	Chemistry Laboratory Techniques and Practice I	3
SCH 374	Applied Spectroscopy	2
SCH 382	Petroleum Chemistry	2
SCH 384	Quality Control and Industrial Safety	1
<b>General Studies Course</b>		
CED 342	Business Development and Management	2
<b>Electives</b>		
A minimum of 2 Units from one of the following courses.		2or3
SCH 352	Industrial Chemical Technology I	2
SPE 362	Quantum Mechanics I	3
SCH 386	Industrial Chemical Process I	2
		20/21
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 401	Laboratory Organization & Management	3
SCH 401	Coordination Chemistry	2
SCH 409	Heterocyclic Chemistry	2
SCH 415	Radiation Chemistry & Nuclear Chemistry	2
SCH 425	Food Chemistry	2
SCH 431	Modern Analytic Techniques	2
SCH 433	Instrumentation & Analytical Chemistry II	2
SCH 471	Chemistry Laboratory Techniques & Practice II	2
SCH 483	Colour Chemistry and Technology I	2
<b>Electives</b>		
A minimum of 2 Units from one of the following courses.		2
SCH 403	Modern Synthetic Methods in Inorganic Chemistry	2
SCH 411	Theory of Molecular Spectroscopy	2
SCH 423	Modern Synthetic Methods in Organic Chemistry	2
		21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		

SCH 492	Industrial Training (Site Work Supervision)	6
SCH 494	Industrial Training (University Supervision)	3
SCH 496	Industrial Training (Students Report)	3
		<hr/> 12

**Fourth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 501	Photography and Illustration	2
SCH 517	Reaction Kinetics	2
SCH 521	Food Analysis	2
SCH 535	Water and Waste Water Treatment	2
SCH 551	Industrial Chemical Process II	2
SCH 557	Industrial Chemical Technology II	2
SCH 583	Wood, Pulp and paper Chemistry	2
SCH 585	Cement and Fertilizer Industry	2
SCH 591	Seminar	2
<b>Electives</b>		2
A minimum of 2 Units from one of the following courses.		
SCH 513	Electrochemistry	2
SCH 531	Applied Surface & Colloid Chemistry	2
SCH 589	Oils, Fats, Detergents and Cholo-Alkali Industries	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 508	Laboratory organization and Mgt II	3
SCH 524	Chemistry of Natural Products II	2
SCH 554	Polymer Technology	2
SCH 570	Chemistry Laboratory Techniques and Practice II	2
SCH 580	Analysis of Selected Raw Materials and Drugs	2
SCH 584	Dye and Textile Chemistry Technology	2
SCH 592	Research Project	6
<b>Electives</b>		2
A minimum of 2 Units from one of the following courses.		
SCH 502	Advanced Inorganic Chemistry II	2
SCH 522	Advanced Organic Chemistry II	2
SCH 528	Quantum Chemistry	2
		<hr/> 21

**Microbiology/Virology Techniques****Five-Year Standard Programme (UTME Students)****Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 201	Instrument Maintenance I	2
SMB 201	General Microbiology I	3
SBC 201	General Biochemistry I	3
SCH 201	General Inorganic Chemistry	2
SCH 211	General Physical Chemistry	2
SCH 221	General Organic Chemistry	2
STA 203	Statistics for Biological Sciences I	2
<b>General Studies Course</b>		
GSP 201	Basic Concepts and Theory of Peace	2
GSP 207	Logic, Philosophy and Human Existence	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		

GLT 202	Hazards and Safety in the Laboratory/Laboratory Maintenance and Fitting	2
SMB 202	General Microbiology II	3
SMB 204	Microbiological Techniques	3
SMB 212	Medical Microbiology	3
SCH 232	Analytical Chemistry	2
STA 204	Statistics for Biological Science II	2
ECO 102	Basic Principles of Economics II	2
<b>General Studies Courses</b>		
GSP 202	Issues in Peace and Conflict Resolution Studies	2
GSP 208	Nigerian People and Culture	2
		<hr/> 21

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
SMB 301	Microbial Physiology	2
SBC 303	Enzymology and Protein Chemistry	3
SMB 331	Bacteriology	3
SMB 333	Diagnostic Microbiology	2
SMB 335	Pathogenic Mycology	2
SCH 335	Instrumental method of Analysis	3
SBC 341	Food Biochemistry	2
<b>General Studies Course</b>		
CED 341	Introduction to Entrepreneurship	2
<b>Elective</b>		2
A minimum of 2 Units selected from one of the following courses		
SBC 351	Chemistry and Metabolism of Carbohydrates	2
COS 201	Computer Programming I	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
SMB 302	Microbial Metabolism	2
SMB 304	Microbial Genetics	2
SMB 306	Molecular Biology	3
SMB 312	Environmental Microbiology	2
SMB 320	Soil Microbiology	2
SMB 334	Immunology & Immunochemistry	3
SBC 314	Protein Biosynthesis	2
<b>General Studies Course</b>		
CED 342	Business Development and Management	2
<b>Electives</b>		
A minimum of 2 Units selected from one of the following courses.		2or3
SMB 310	Basic Physiology	3
SMB 322	General Parasitology	2
		<hr/> 20/21

**Fourth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 401	Laboratory Organization & Mgt I	3
SMB 401	Analytical Microbiology and Quality Control	3
SMB 403	Molecular Biology and Genetic Engineering	2
SMB 411	Microbial Ecology	2
SMB 415	Petroleum Microbiology	2
SMB 423	Industrial Microbiology and Technology I	2
SMB 425	Food Microbiology II	2
SMB 431	Virology	3
<b>Electives</b>		2or3

A minimum of 2 Units selected from one of the following courses.

SBC 401	Advanced Enzymology	3
SBC 417	Biochemistry of Parasites	2
		<hr/> 21/22

**Second Semester**

**Industrial Attachment**

SMB 492	Industrial Training (Site work Supervision)	6
SMB 494	Industrial Training (University Supervision)	3
SMB 496	Industrial Training (Student Report)	3
		<hr/> 12

**Fifth Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 501	Photography and illustration	2
SMB 501	Enzyme Biotechnology	2
SMB 507	Plant Pathology	2
SMB 509	Fermentation Drinks	3
SMB 535	Process Biotechnology	2
SMB 551	Food Processing	3
SMB 591	Seminar	2
SBC 513	Processing Biochemistry	3
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 508	Laboratory Organization and Management II	3
SMB 502	Applied Storage Techniques	2
SMB 508	Applied Vectors and Pest Management	2
SMB 524	Industrial Microbiology and Biotechnology II	2
SMB 532	Principles of Epidemiology and Public Health	3
SMB 534	Pharmaceutical Microbiology	3
SMB 592	Research Project	6
		<hr/> 21

**Microbiology/Virology Techniques**

**Four-Year Standard Programme (Direct Entry Students)**

**First Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 201	Instrument Maintenance I	2
SMB 201	General Microbiology I	3
SBC 201	General Biochemistry I	3
SCH 201	General Inorganic Chemistry	2
SCH 211	General Physical Chemistry	2
SCH 221	General Organic Chemistry	2
STA 203	Statistics for Biological Sciences I	2
<b>General Studies Courses</b>		
GSP 101	Communication in English I	2
GSP 111	The Use of Library and Study Skills	2
GSP 201	Basic Concepts and Theory of Peace	2
GSP 207	Logic, Philosophy and Human Existence	2
		<hr/> 24

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 202	Hazards and Safety in the Laboratory/Laboratory Maintenance and Fitting	
SMB 202	General Microbiology II	3
SMB 204	Microbiological Techniques	3

SMB 212	Medical Microbiology	3
SCH 232	Analytical Chemistry	2
STA 204	Statistics for Biological Science II	2
ECO 102	Basic Principles of Economics II	2
<b>General Studies Course</b>		
GSP 102	Communication in English II	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
GSP 208	Nigerian People and Culture	2
		<hr/> 23
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SMB 301	Microbial Physiology	2
SBC 303	Enzymology and Protein Chemistry	3
SMB 331	Bacteriology	3
SMB 333	Diagnostic Microbiology	2
SMB 335	Pathogenic Mycology	2
SCH 335	Instrumental method of Analysis	3
SBC 341	Food Biochemistry	2
<b>General Studies Course</b>		
CED 341	Introduction to Entrepreneurship	2
<b>Elective Course</b>		2
A minimum of 2 Units selected from one of the following courses		
SBC 351	Chemistry and Metabolism of Carbohydrates	2
COS 201	Computer Programming I	2
		<hr/> 21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SMB 302	Microbial Metabolism	2
SMB 304	Microbial Genetics	2
SMB 306	Molecular Biology	3
SMB 312	Environmental Microbiology	2
SMB 320	Soil Microbiology	2
SMB 334	Immunology & Immunochemistry	3
SBC 314	Protein Biosynthesis	2
<b>General Studies Course</b>		
CED 342	Business Development and Management	2
<b>Electives</b>		2or3
A minimum of 2 Units selected from one of the following courses.		
SMB 310	Basic Physiology	3
SMB 322	General Parasitology	2
		<hr/> 20/21
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 401	Laboratory Organization & Mgt I	3
SMB 401	Analytical Microbiology and Quality Control	3
SMB 403	Molecular Biology and Genetic Engineering	2
SMB 411	Microbial Ecology	2
SMB 415	Petroleum Microbiology	2
SMB 423	Industrial Microbiology and Technology I	2
SMB 425	Food Microbiology II	2
SMB 431	Virology	3
<b>Electives</b>		2or3
A minimum of 2 Units selected from one of the following courses.		
SBC 401	Advanced Enzymology	3

SBC 417	Biochemistry of Parasites	2
		<hr/> 21/22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

SMB 492	Industrial Training (Site work Supervision)	6
SMB 494	Industrial Training (University Supervision)	3
SMB 496	Industrial Training (Student Report)	3
		<hr/> 12

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 501	Photography and illustration	2
SMB 501	Enzyme Biotechnology	2
SMB 507	Plant Pathology	2
SMB 509	Fermentation Drinks	3
SMB 535	Process Biotechnology	2
SMB 551	Food Processing	3
SMB 591	Seminar	2
SBC 513	Processing Biochemistry	3
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 508	Laboratory Organization and Management II	3
SMB 502	Applied Storage Techniques	2
SMB 508	Applied Vectors and Pest Management	2
SMB 524	Industrial Microbiology and Biotechnology II	2
SMB 532	Principles of Epidemiology and Public Health	3
SMB 534	Pharmaceutical Microbiology	3
SMB 592	Research Project	6
		<hr/> 21

**Physics/Electronic Techniques****Five-Year Standard Programme (UTME)****Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 201	General Laboratory Techniques I	3
SPE 261	Elementary Modern Physics	3
SPE 251	Electromagnetism	2
SPE 211	Structure of Matter	2
SPE 291	Practical Physics IV	2
MTH 207	Advanced Mathematics VII	2

**General Studies Course**

GSP 201	Basic Concept and Theory of Peace	2
GSP 207	Logic, Philosophy and Human Existence	2

**Electives**

A Minimum of 2 Units selected from one of the following courses.

STA 203	Statistics for Physical Sciences and Engineering I	2
COS 201	Computer Programming I	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

SPE 232	Electrical Circuits	3
SPE 242	Wave and Optics	3
SPE 250	Basic Electronics	2



MTH 242	Mathematical Methods I	3
MTH 222	Elementary Differential Equations	2
<b>General Studies Courses</b>		
GSP 202	Issues in Peace and Conflict Resolution	2
GSP 208	Nigerian People and Culture	2
<b>Elective Course</b>		2
A Minimum of 2 Units selected from one of the following courses.		
STA 203	Statistics for Physical Sciences and Engineering II	2
COS 202	Computer Programming II	2
		<hr/> 19
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SPE 311	Solid State Physics I	3
SPE 315	Introduction to Solid State Electronics	3
SPE 331	Thermal Physics	3
SPE 353	Electrical Circuit Theory	3
SPE 373	Energy and Environment	1
SPE 391	Practical Physics VI	2
SPE 397	Physics Lab. Techniques & Practice I	2
<b>General Study Course</b>		2
CED 341	Introduction to Entrepreneurship	2
<b>Electives</b>		2or3
A minimum of 2 Units from one the following courses		
MTH 323	Complex Analysis I	3
ECE 321	Physical Electronics	3
SCH 211	General Physical Chemistry	2
		<hr/> 21/22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SPE 322	Analytical Mechanics I	3
SPE 352	Electronics I	3
SPE 362	Quantum Mechanics I	3
SPE 354	Electricity and Magnetism	2
SPE 394	Workshop Course (Electronics)	2
SPE 396	Measurement and Instrumentation	2
<b>General Studies Course</b>		2
CED 342	Business Development and Management	2
<b>Electives</b>		2or3
A minimum of 2 Units from one the following courses		
MTH 324	Vector and Tensor Analysis	3
ECE 322	Applied Electronics	2
SCH 252	Chemical Process Principles	2
		<hr/> 20/21
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 401	Laboratory Organization and Mgt I	3
SPE 401	Computational Physics	2
SPE 405	Mathematical Methods in Physics I	2
SPE 421	Analytical Mechanics	3
SPE 423	Atomic & Molecular Spectroscopy	3
SPE 455	Digital Electronics	2
SPE 459	Electrical Measurements & Instrument	3
SPE 461	Quantum Mechanics I	2
SPE 481	Introduction to Telecommunication Sys.	2

		22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SPE 492	Industrial Training (Site Work Supervision)	2
SPE 494	Industrial Training (University Supervision)	2
SPE 496	Industrial Training (Student Report)	2
		6
<b>Fifth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 501	Photography and illustration	2
SPE 505	Mathematics Methods in Physics II	2
SPE 513	Semiconductor Technology	2
SPE 515	Science of Materials	3
SPE 557	Electronics Devices: Designs and Fabrication	2
SPE 561	Quantum Mechanics II	3
SPE 591	Seminar	2
SPE 597	Physics Lab. Techniques & Practical II	3
		19
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 508	Lab. Organization & Management II	3
SPE 516	Solid State Physics	2
SPE 538	Statistical Physics	2
SPE 544	Vacuum Physics and Thin Film Tech.	2
SPE 562	Nuclear and particle Physics	3
SPE 572	Fundamental of Energy Process	2
SPE 592	Supervised Independent Research Project	6
		20
<b>Physics/Electronic Techniques</b>		
<b>Five-Year Standard Programme (UTME)</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 201	General Laboratory Techniques I	3
SPE 261	Elementary Modern Physics	3
SPE 251	Electromagnetism	2
SPE 211	Structure of Matter	2
SPE 291	Practical Physics IV	2
MTH 207	Advanced Mathematics VII	2
<b>General Studies Courses</b>		
GSP 101	Communication in English I	2
GSP 111	The Use of Library and Study Skills	2
GSP 201	Basic Concepts and Theory of Peace	2
GSP 207	Logic, Philosophy and Human Existence	2
<b>Electives</b>		2
A Minimum of 2 Units selected from one of the following courses.		
STA 203	Statistics for Physical Sciences and Engineering I	2
COS 201	Computer Programming I	2
		24
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SPE 232	Electrical Circuits	3
SPE 242	Wave and Optics	3

SPE 250	Basic Electronics	2
MTH 242	Mathematical Methods I	3
MTH 222	Elementary Differential Equations	2
<b>General Studies Courses</b>		
GSP 102	Communication in English II	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
GSP 208	Nigerian People and Culture	2
<b>Elective Courses</b>		2
A Minimum of 2 Units selected from one of the following courses.		
STA 203	Statistics for Physical Sciences and Engineering II	2
COS 202	Computer Programming II	2
		21
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SPE 311	Solid State Physics I	3
SPE 315	Introduction to Solid State Electronics	3
SPE 331	Thermal Physics	3
SPE 353	Electrical Circuit Theory	3
SPE 373	Energy and Environment	1
SPE 391	Practical Physics VI	2
SPE 397	Physics Lab. Techniques & Practice I	2
<b>General Study Course</b>		2
CED 341	Introduction to Entrepreneurship	2
<b>Electives</b>		2or3
A minimum of 2 Units from one the following courses		
MTH 323	Complex Analysis I	3
ECE 321	Physical Electronics	3
SCH 211	General Physical Chemistry	2
		21/22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SPE 322	Analytical Mechanics I	3
SPE 352	Electronics I	3
SPE 362	Quantum Mechanics I	3
SPE 354	Electricity and Magnetism	2
SPE 394	Workshop Course (Electronics)	2
SPE 396	Measurement and Instrumentation	2
<b>General Studies Course</b>		2
CED 342	Business Development and Management	2
<b>Electives</b>		2or3
A minimum of 2 Units from one the following courses		
MTH 324	Vector and Tensor Analysis	3
ECE 322	Applied Electronics	2
SCH 252	Chemical Process Principles	2
		20/21
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 401	Laboratory Organization and Mgt I	3
SPE 401	Computational Physics	2
SPE 405	Mathematical Methods in Physics I	2
SPE 421	Analytical Mechanics	3
SPE 423	Atomic & Molecular Spectroscopy	3
SPE 455	Digital Electronics	2
SPE 459	Electrical Measurements & Instrument	3

SPE 461	Quantum Mechanics I	2
SPE 481	Introduction to Telecommunication Sys.	2
		22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

SPE 492	Industrial Training (Site Work Supervision)	2
SPE 494	Industrial Training (University Supervision)	2
SPE 496	Industrial Training (Student Report)	2
		6

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 501	Photography and illustration	2
SPE 505	Mathematics Methods in Physics II	2
SPE 513	Semiconductor Technology	2
SPE 515	Science of Materials	3
SPE 557	Electronics Devices: Designs and Fabrication	2
SPE 561	Quantum Mechanics II	3
SPE 591	Seminar	2
SPE 597	Physics Lab. Techniques & Practical II	3
		19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 508	Lab. Organization & Management II	3
SPE 516	Solid State Physics	2
SPE 538	Statistical Physics	2
SPE 544	Vacuum Physics and Thin Film Tech.	2
SPE 562	Nuclear and particle Physics	3
SPE 572	Fundamental of Energy Process	2
SPE 592	Supervised Independent Research Project	6
		20

**Physiology/Pharmacology Techniques****Five-Year Standard Programme (UTME)****Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 201	General Laboratory Techniques I	2
SPP 251	Alimentary System	2
SPP 253	Blood and Body fluids	2
SPP 255	Cardiovascular System	2
SPP 257	Renal System	2
SPP 261	Introduction to Physiology	2
SCH 221	General Organic Chemistry I	2

**General Studies Courses**

GSP 201	Basic Concepts and Theory of Peace	2
GSP 207	Logic, Philosophy and Human Existence	2
		2

**Electives**

A minimum of 2 Units from one of the following courses.

ECO 201	Principles of Economics I	2
SCH 201	Inorganic Chemistry I	2
SCH 211	General Physical Chemistry	2
		20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 202	Hazards and Safety in Laboratory/Laboratory Maintenance and Fitting	2
SCH 222	General Organic Chemistry II	2
SPP 252	Introductory Pharmacology	2
SPP 254	Autonomic Nervous System	2
SPP 256	Central Nervous System	3
SPP 258	Respiratory System	2
SPP 264	Practical Physiology	2
<b>General Studies Course</b>		
GSP 202	Issues in Peace and Conflict Resolution Studies	2
GSP 208	Nigerian People and Culture	2
<b>Elective</b>		2
A minimum of 2 Units from one of the following courses.		
ECO 202	Principles of Economics II	2
COS 102	Introduction to Computer Science	2
SCH 232	Analytical Chemistry	2
		21
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SPP 361	Human Physiology I	2
SPP 351	Pharmacology Principles I	2
SPP 357	Instrumentation	2
SPP 353	Practical Pharmacology	2
SPP 341	Principles of Drug Action	2
SPP 343	Parasympathetic/Sympathetic	2
SPP 355	Toxicology	2
SCH 311	Physical and Structural Chemistry	2
<b>General Studies Courses</b>		
CED 341	Introduction to Entrepreneurship	2or3
<b>Elective</b>		2or3
A minimum of 2 Units from one of the following courses.		
STA 203	Statistics for Agriculture and Biological Science I	2
SMB 201	General Microbiology I	3
SBC 201	General Biochemistry I	3
		20/21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SPP 342	Hypertension	2
SPP 348	Animal Management	3
SPP 352	Pharmacology Principles II	2
SPP 356	Practical Pharmacology	2
SPP 358	Sex Organs and Sex Hormones	3
SPP 362	Physiology Techniques	2
SCH 322	Organic Chemistry II	2
<b>General Studies Course</b>		
CED	Business Development and Management	2
<b>Electives</b>		2or3
A minimum of 2 Units from one of the following courses.		
STA 204	Statistics for Agriculture and Biological Science I	2
SMB 202	General Microbiology II	3
SBC 202	General Biochemistry II	3
		20/21
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 401	Laboratory Organisation and Management I	3

SPP 441	Convulsant agents	2
SPP 443	Antidepressant drugs	3
SPP 445	Antiepileptic drugs	2
SPP 451	Central Nervous System Pharmacology	3
SPP 453	Pharmacology of pain	3
SPP 455	Psychopharmacology	2
SPP 457	Pharmacology Techniques I	3
		21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

SPP 492	Industrial Training (Site Work Supervision)	6
SPP 494	Industrial Training (University Supervision)	3
SPP 496	Industrial Training (Student Report)	3
		12

**Fifth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 501	Photography and Illustration	2
SPP 543	Antiparasitic Drugs	3
SPP 551	Principle of Chemotherapy	3
SPP 557	Alcoholism and Drug Therapy	2
SPP 565	Practical Physiology	3
SPP 569	Gastrointestinal Physiology	3
SPP 591	Seminar	2
SMB 534	Pharmaceutical Microbiology	2
		20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 508	Laboratory Organisation and Management II	3
SPP 552	Ethnopharmacology	3
SPP 556	Practical Pharmacology II	3
SPP 564	Breeding and Care of Laboratory Animals	2
SBC 522	Pharmacological Biochemistry	2
SPP 592	Research Project	6
		19

**Physiology/Pharmacology Techniques****Four-Year Standard Programme (Direct Entry)****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 201	General Laboratory Techniques I	2
SPP 251	Alimentary System	2
SPP 253	Blood and Body fluids	2
SPP 255	Cardiovascular System	2
SPP 257	Renal System	2
SPP 261	Introduction to Physiology	2
SCH 221	General Organic Chemistry I	2

**General Studies Courses**

GSP 101	Communication in English I	2
GSP 111	The Use of Library and Study Skills	2
GSP 201	Basic Concepts and Theory of Peace	2
GSP 207	Logic, Philosophy and Human Existence	2
		2

**Electives**

A minimum of 2 Units from one of the following courses.

ECO 201	Principles of Economics I	2
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SCH 201	Inorganic Chemistry I	2
SCH 211	General Physical Chemistry	2
		24
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GLT 202	Hazards and Safety in Laboratory/Laboratory Maintenance and Fitting	2
SCH 232	Analytical Chemistry	2
SPP 252	Introductory Pharmacology	2
SPP 254	Autonomic Nervous System	2
SPP 256	Central Nervous System	3
SPP 258	Respiratory System	2
SPP 264	Practical Physiology	2
<b>General Studies Course</b>		
GSP 102	Communication in English II	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
GSP 208	Nigerian People and Culture	2
<b>Elective</b>		2
A minimum of 2 Units from one of the following courses.		
ECO 202	Principles of Economics II	2
COS 102	Introduction to Computer Science	2
SCH 222	General Organic Chemistry II	2
		23
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SPP 361	Human Physiology I	2
SPP 351	Pharmacology Principles I	2
SPP 357	Instrumentation	2
SPP 353	Practical Pharmacology	2
SPP 341	Principles of Drug Action	2
SPP 343	Parasympathetic/Sympathetic	2
SPP 355	Toxicology	2
SCH 311	Physical and Structural Chemistry	2
<b>General Studies Courses</b>		
CED 341	Introduction to Entrepreneurship	2
<b>Elective</b>		2or3
A minimum of 2 Units from one of the following courses.		
STA 203	Statistics for Agriculture and Biological Science I	2
SMB 201	General Microbiology I	3
SBC 201	General Biochemistry I	3
		20/21
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
SPP 342	Hypertension	2
SPP 348	Animal Management	3
SPP 352	Pharmacology Principles II	2
SPP 356	Practical Pharmacology	2
SPP 358	Sex Organs and Sex Hormones	3
SPP 362	Physiology Techniques	2
SCH 322	Organic Chemistry II	2
<b>General Studies Course</b>		
CED	Business Development and Management	2
<b>Electives</b>		2or3
A minimum of 2 Units from one of the following courses.		
STA 204	Statistics for Agriculture and Biological Science I	2
SMB 202	General Microbiology II	3

SBC 202	General Biochemistry II	3
		<hr/> 20/21

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 401	Laboratory Organisation and Management I	3
SPP 441	Convulsant agents	2
SPP 443	Antidepressant drugs	3
SPP 445	Antiepileptic drugs	2
SPP 451	Central Nervous System Pharmacology	3
SPP 453	Pharmacology of pain	3
SPP 455	Psychopharmacology	2
SPP 457	Pharmacology Techniques I	3
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
------	-------	-------

**Major Courses**

SPP 492	Industrial Training (Site Work Supervision)	6
SPP 494	Industrial Training (University Supervision)	3
SPP 496	Industrial Training (Student Report)	3
		<hr/> 12

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 501	Photography and Illustration	2
SPP 543	Antiparasitic Drugs	3
SPP 551	Principle of Chemotherapy	3
SPP 557	Alcoholism and Drug Therapy	2
SPP 565	Practical Physiology	3
SPP 569	Gastrointestinal Physiology	3
SPP 591	Seminar	2
SMB 534	Pharmaceutical Microbiology	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

GLT 508	Laboratory Organisation and Management II	3
SPP 552	Ethnopharmacology	3
SPP 556	Practical Pharmacology II	3
SPP 564	Breeding and Care of Laboratory Animals	2
SBC 522	Pharmacological Biochemistry	2
SPP 592	Research Project	6
		<hr/> 19

**Department of Statistics****Staff**

P.E. Chigbu, B.Sc., M.Sc. (Nigeria), Ph.D. (London)	Professor
F.C. Okafor, B.Sc., M.Sc., Ph.D. (Ibadan)	Professor
F.I. Ugwuowo, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
E.O. Ossai, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer & Ag. Head
A.U. Udom, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
E.I. Mba, B.Sc., M.Sc. (Nigeria)	Lecturer I
A.V. Oladugba, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
U.C. Nduka, B.Sc. (Umudike), M.Sc. (Nigeria)	Lecturer I
M.S. Madukaife, B.Sc., M.Sc. (Nigeria)	Lecturer I
T.E. Ugah, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
E.C. Ukaegbu, B.Sc., M.Sc. (Nigeria)	Lecturer II
S.S. Sanni, B.Sc., M.Sc. (Nigeria)	Lecturer II



K.C. Arum, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
M.C. Eze, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
F.O. Ohanuba, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C.U. Attama, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C.L. Ugwu, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
O. T. Babatunde, B.Sc. (Nigeria), M.Sc. (Ibadan)	Assistant Lecturer
H.E. Oranye, B.Sc. (Nigeria), M.Sc. (Ibadan)	Assistant Lecturer
P.N. Ezra, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
E.C. Uzochukwu, B.Sc., M.Sc. (Nigeria)	Graduate Assistant
C.M. Chikere, B.Sc. (Nigeria), M.Sc. (Canada)	Graduate Assistant
S.O. Ugwu, B.Sc. (Nigeria)	Graduate Assistant
C.N. Umegwuagu, B.Sc. (Nigeria)	Graduate Assistant
M.C. Omeje, OND	Technical Staff
C.C. Eze, Diploma	Principal Confidential Secretary I

### General Information

The science of statistics concerns the development and application of the most effective methods of collecting, analyzing and interpreting data in such a way that the fallibility of conclusions and estimates can be assessed by means of logical reasoning based on measures of probability. It deals with the designing of experiments and surveys, testing hypotheses, studying relationships among two or more variables, among other scientific methods. These methods have wide applications in such diverse fields as in industry, business, government, educational institutions, agriculture, meteorology and astronomy, engineering, medicine, social sciences and the liberal arts.

### Types of Degree Programmes

The Department of Statistics offers the following degree programmes:

- (e) B.Sc. degree in Statistics
- (f) B.Sc. Combine degrees in Statistics/Mathematics, Statistics/Economics, Statistics/Computer Sciences and Statistics/Education in collaboration with the Department of Mathematics, Economics, Computer Science and Education.

The normal duration for the B.Sc. degree is four years for candidates who enter by entrance examination (JAMB) and three years for direct entry candidates.

### Philosophy, Objectives and Scope of the Programme

In accordance with the philosophy of the University of Nigeria, the programme aims at equipping the student with the basic knowledge in probability and stochastic processes, Design and Analysis of Experiments, Statistical Method and Inference, Sampling Techniques, Quality Control, Operations Research and Statistical Computing. It is designed to develop the skill and the necessary intellectual orientation required by the student for subsequent career as a statistician.

### Entry Requirements

Entrance candidates, in addition to the minimum University requirements, must have passed at the West African School Certificate Examination, Senior School Certificate Examination or in an equivalent examination with credits in Mathematics or Additional Mathematics and Physics or Chemistry or Economics. Direct Entry students in addition to the above, must pass the Higher School Certificate Examination or the General Certificate of Education A/Level in two subjects which must include Mathematics or Statistics

### Job Opportunity

Successful graduates of the Bachelor of Science in Statistics programmes are well equipped for postgraduate studies and teaching in relevant subjects. Their training also makes them prepare for careers in Government Departments, Banks, International Agencies, Research Institutions, and in Commercial and Technical firm needing the services of statisticians.

### Stress Areas

Basis Course	0
Probability/Stochastic Processes	1
Design/Analysis/Distribution Theory	2
Inference/Methods	3
Sampling/Quality Control	4

Demography	5
Operations Research	6
Statistical Computing	7
Seminar/Industrial Training	8
Project	9

**Standard Four-Year Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
STA111	Probability I	2
STA131	Inference I	2
<i>Required Ancillary Courses</i>		
MTH111	Elementary Mathematics I	3
MTH121	Elementary Mathematics II	3
COS101	Introduction to Computer Sciences I	2
<i>General Studies courses</i>		
GSP101	Study Skills and Basic Research Methods	2
GSP 111	Use of Library	2
Any combination of at least 4 units from the electives		4 or 5
		<u>20/21</u>

*Electives: First Semester*

PHY123	General Physics for Physical Sciences	2
PHY191	Practical Physics I	2
CHM101	Basic Principles of Inorganic Chemistry	2
CHM171	Basic Practical Chemistry	2
ECO101	Principles of Economics I	2
BIO151	General Biology	3
AGR201	Introduction of Agriculture	2
GLG103	Basic and Applied Geology for Environmental, Physical & Social Sciences	3

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
STA112	Probability II	2
STA132	Inference II	2
STA172	Statistical Computing I	2
<i>Required ancillary courses</i>		
MTH122	Elementary Mathematics III	3
<i>General Studies Courses</i>		
GSP 102	Basic Grammar and Varieties of Writing	2
Any combination of at least 6 units from the electives		6 or 7
		<u>17/18</u>

*Electives: Second Semester*

MTH132	Elementary Mechanics I	3
PHY134	General Physics for Physical Sciences II	2
PHY154	General physics for Physical Sciences III	2
CHM112	Basic Principles of Physical Chemistry	2
CHM122	Basic principles of Organic Chemistry	2
ECO102	Principles of Economics II	2
BIO152	General Biology	3
GLG103	Earth History	3
		<u>19</u>

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
STA211	Probability III	2
STA 231	Inferences	3
<i>Required Ancillary Courses</i>		

<i>Programmes</i>		743
COS201	Computer Programming I	2
MTH215	Linear Algebra I	2
<i>General Studies Courses</i>		
GSP201	Basic Concepts and Theories of Peace	2
GSP207	Logic Philosophy and Human Existence	2
Any combination of at least 2 unites from the electives		2 or 3
		<u>15/16</u>
<i>Electives: First Semester</i>		
ECO201	Microeconomic Theory I	2
MTH211	Set, Logic and Algebra	3
MTH221	Real Analysis	3
ECO281	Structure of Nigerian Economy I	2
PHY251	Electromagnetism I	2
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
STA 212	Probability IV	2
STA272	Statistical Computing II	2
<i>Required Ancillary courses</i>		
MTH222	Elementary Differential Equation I	3
COS202	Computer Programming II	2
<i>General Studies Courses</i>		
GSP202	Issues in Peace & Conflicts Resolution Studies	2
GSP208	Nigerian Peoples and Culture	2
Any combination of at least 4 units from the electives		4or5
		<u>17/18</u>
<i>Electives: Second Semester</i>		
ECO 203	Microeconomic Theory I	2
MTH224	Introduction to Numerical Analysis	3
MTH242	Mathematical Methods I	3
ECO282	Structure of Nigerian Economy II	2
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
STA 311	Probability V	3
STA 341	Sampling Theory and Survey Methods I	3
STA 331	Inference IV	3
STA 321	Distribution Theory	2
STA 361	Algebraic Bases for Statistics	2
STA 371	Statistical Computing III	2
<i>General Studies Courses</i>		
CED341	Introduction to Entrepreneurship	2
Any combination of at least 4 units from the electives		4or5
		<u>21/22</u>
<i>Electives: First Semester</i>		
STA 325	Biometrics I	3
STA 323	Analysis of Variance	3
STA 345	Statistical Quality Control	3
STA 351	Demography	3
STA 357	Actuarial Sciences I	3
STA 363	Operations Research I	3
STA 365	Laboratory for Operations Research I	2
STA 353	Laboratory for Field Work for Demography	2
STA 347	Laboratory for Field Work for Quality Control	2
STA 341	Lab and Field Work for Sampling Theory & Survey Methods	2
COS 334	System Analysis and Design	2
<b>Second Semester</b>		
CODE	TITLE	UNITS

**Major Courses**

Industrial Training (Siwes)

STA 382 Practical

STA 384 Report

3

12

15

**Fourth Year****First Semester**

CODE TITLE

UNITS

**Major Courses**

STA 413 Stochastic Processes I

2

STA415 Time Series Analysis I

2

STA421 Design and Analysis of Experiment I

2

STA423 Regression Analysis

3

Any combination of at least 8 units from the electives

8or9

**Electives: First Semester**

STA411 Probability VI

STA425 Biometrics II

3

STA431 Bayesian inference I

2

STA435 Non-parametric methods I

2

STA433 Multivariate Analysis I

2

STA437 Psychometrics I

2

STA441 Sampling Theory and Survey Methods II

2

STA451 Actuarial Statistics II

2

STA461 Operation research II

2

STA463 Decision Theory II

2

STA453 Health Statistics

2

STA455 Environmental Statistics

2

STA457 Educational statistics

2

MTH441 Mathematical methods II

3

**Second Semester**

CODE TITLE

UNITS

**Major Courses**

STA414 Stochastic Processes II

2

STA422 Design and Analysis of experiment II

2

STA416 Time series Analysis II

2

STA492 Project

6

CED342 Business Development &amp; Management

2

Any combination of at least 6 unites from the electives

20/21

**Electives: Second Semester**

STA462 Operation Research III

2

STA436 Non Parametric Methods II

2

STA426 Econometrics III

2

STA432 Bayesian Inference II

2

STA434 Multivariate Analysis II

2

STA438 Psychometrics II

2

STA466 Laboratory for Operation Research II

2

The three year Direct Entry programme is the same as the four year standard programme excluding the first year. However, the Direct Entry students are required to take GS 101 and GS 102 and either GS 103 and GS 104 or GS 207 and GS 208 during their first year



The Vice Chancellor, Professor Benjamin C. Ozumba giving a public address in Princess Alexandra Auditorium, UNN

**Faculty of the Social Sciences****Dean's Office****Staff**

H.C. Achunike, BD, MA, Ph.D. (Nigeria)	Dean
I. L. Ugwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Associate Dean
B. M. Phil-Eze, B.Sc., M.Sc. (Nigeria)	AR/Faculty Officer
S. N. Uzo, B.Ed. (Nigeria)	Principal Executive Officer I
E. B. Egornu, B.Sc. Ed., M.Sc. (Nigeria)	Principal Executive Officer I
D. A. Agbo, B.Ed. (Owerri), M.LIS (Nigeria)	Principal Executive Officer I
E. D. Omeje, B.Ed., PGDE (Nigeria)	Principal Confidential Sec. II
C. I. Ehirim, B.Ed.	Chief Typist/Secretary
D. N. Eze, B.Ed.	Senior Executive Officer
C. A. Agbo, B.Sc. (Nigeria)	Higher Technical Officer II
U. A. Oramalu, B.Ed., (Nigeria)	Higher Technical Officer II
R. O. Nnechi, B.Sc., (Nigeria)	Higher Technical Officer II
E. L. Amazue, M.Sc., B.Sc., (Nigeria)	Higher Technical Officer II
I. S. Uyonwu, B.Sc. (Anambra)	Higher Technical Officer II
C. E. Ogara, B.Sc. (Nigeria)	Higher Technical Officer II
B. N. Ozoanya, Dip. (Nigeria)	Executive Officer
J.C.Ebonyi, B.Sc. (Nigeria)	Executive Officer

**Department of Economics****Staff**

S.I. Madueme, B.Sc., PGDE, M.Sc., M.Ed., Ph.D. (Edu), Ph.D. (Econs) (Nigeria)	Professor & Head
C.C. Agu, B.Sc., M.Sc. (Ibadan), Ph.D. (Wales)	Professor
Ogbu, Michael Osita, B.Sc., M.Sc., Ph.D. (Howard)	Professor
H.E. Ichoku, BD; B.Phil. (Rome) B.Sc., M.Sc. (Nigeria), M.Sc., Ph.D. (Cape Town)	Professor
G.C. Aneke, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
W.M. Fonta, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
U.M. Ozughalu, B.Sc. (Nigeria), M.Sc., Ph.D. (Ibadan)	Senior Lecturer
E.R. Ukwueze, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
J.O. Chukwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
R.K. Edeme, B.Sc. (Ed), M.Sc. (Abraka), Ph.D. (Nigeria)	Lecturer I
K.K. Ugbor, B.Sc., M.Sc. (Agric), M.Sc. Econs, Ph.D. (Nigeria)	Lecturer I
F.O. Asogwa, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
J.I. Amuka, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
E.O. Nwosu, B.Sc., M.Sc. (Nigeria), M.A. (Tsukuba), Ph.D. (Nigeria)	Lecturer I
N.E. Urama, B.Sc., M.Sc. (Nigeria), Ph.D. (Nigeria/Reading)	Lecturer I
C.I. Mba, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
A. Orji, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
A.I. Ifelunini, B.Sc. (Ed), PGD, M.Sc., Ph.D. (Nigeria)	Lecturer II
J.O. Ugwu, B.Sc., M.Sc. (Nigeria)	Lecturer II
J.E. Ogbuabor, B.Sc. (Nigeria) MBA, M.Sc. (Enugu), M.Sc. (York) ACA (ICAN), Ph.D. (Nigeria)	Assistant Lecturer
S.U. Anaduaka, B.Sc. (Nigeria), M.Sc. (Warwick)	Assistant Lecturer
O.M. David-Wayas, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
E.K. Nduka, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C.F. Okoli, B.Sc. (Nigeria), M.Sc.	Assistant Lecturer
I.A. Mobosi, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
N.D. Obodoechi, B.Sc. (Nigeria), M.Sc. (Manchester)	Assistant Lecturer
O. Ogbonna, B.Sc. (Ebonyi), M.Sc. (Nigeria)	Assistant Lecturer
A.E. Ilori, B.Sc. (Nigeria), M.Sc. (Sheffield)	Graduate Assistant
V.I. Nnetu-Okolieuwa, B.Sc. (Nigeria), M.Sc. (Birmingham)	Graduate Assistant
O.A. Achime, B.Sc. (Nigeria), M.Sc. (Kent)	Graduate Assistant
C. Emecheta, B.Sc., M.Sc. (Nigeria)	Graduate Assistant
G.O. Eigbiremolen, B.Sc. (Nigeria), M.Sc. (Sussex)	Graduate Assistant
C.N. Nkalu, B.Sc., M.Sc. (Nigeria)	Graduate Assistant
S.E. Aguegbogh, B.Sc., M.Sc. (Nigeria)	Graduate Assistant

J.E. Nchege, B.Sc., M.Sc. (Nigeria)	Graduate Assistant
T. Ugwu-Onyechi, B.Sc. (Nigeria)	Graduate Assistant
I.J. Fredrick, B.Sc. (Nigeria)	Graduate Assistant
W.O. Arazu, B.Sc. (Nigeria)	Graduate Assistant
Q.O. Chukwuma, B.Sc. (Nigeria)	Graduate Assistant
P.C. Ezema	Senior Exec. Officer
T.C. Onwunali, B.Sc. (Nigeria)	Clerical Officer
E.U. Ekwelem,	Secretary

### Departmental Information

The Department of Economics offers a four-year programme leading to a Bachelor of Science (B.Sc) Honours degree in Economics. It also runs a Combined Honours degree in Economics with any of the following disciplines: Political Science, Sociology/Anthropology, Psychology, Education, Mathematics, Statistics, Library Science, and Adult Education.

### Philosophy/Objectives and Scope

The Philosophy which guides the selection and training of students in Economics is the desire to continuously produce graduates well-armed to play positive roles towards the social and economic advancement of Nigeria, Africa and the world. This philosophy enables graduates in the discipline to “**Restore the dignity of man**” in society. This philosophy is achieved not only by equipping the students with a broad foundation in the field of social sciences, but also in grounding them in the application of economic theory and the tools of economic analysis in solving human behavioural problems.

The degree programme seeks to fulfill the following interrelated objectives:

- (i) To stimulate the students to be able to observe, understand and critically analyze data on the multifarious socio-economic problems of the world and Nigeria in particular, by means of Social Science methods so as to effectively contribute objectively to solving the problems.
- (ii) To ground the students in the theories, methods and philosophy of economic and policy analysis, emphasizing in the process, the effects of socio-political factors on economic behaviour;
- (iii) To create a desirable milieu for positive behavioural changes which will enable students develop values like hard work, probity, discipline, creativity and self-reliance, dedication and patriotism essential to fulfill Nigeria’s National development objectives;
- (iv) To prepare graduates to easily fit into several fields of human endeavour in both the public and private sector. The programme prepares students for careers in administration, banking and finance, planning and policy making, research, statistics, entrepreneurship, and in Secondary School and University teaching.

### Entry Requirements

In addition to the entry requirements of the University of Nigeria, candidates for admission into the Department of Economics are required to obtain at least a credit in English Language, Mathematics and Economics in the Senior Secondary Certificate Examination (SSCE)/General Certificate of Education (GCE) or their equivalents. Direct entry candidates are expected to satisfy the University of Nigeria requirements for admission by direct entry, provided that they obtain at least credit in Mathematics, English Language and Economics at the O’level GCE, or its equivalent. The degree programme in Economics is for a minimum period of **four years** for all candidates, whether admission is **by direct entry or UME**.

### Job Opportunities

Graduates of this degree programme are expected to take up appointment as:

- (i) University lecturers in Economics
- (ii) Economists/Directors in Research Institutions
- (iii) Economists in industries
- (iv) Managers in Banks and other financial institutions;
- (v) Economic Advisers to Governments/institutions
- (vi) Economic Consultants serving the general public
- (vii) Board members in public and private enterprises.
- (viii) Economists /Directors in Research Institutions

**Stress Areas**

Economic Theory (Micro/Macro)	0
History of Economic Thought	1
Monetary and Financial Economics/Public Sector Economics/Public Policy	2
Quantitative Economics/Econometrics/ Modeling	3
International Economics	4
Demography/Population Economics	5
Development Economics/Economic Planning/ Environmental Economics /Health Economics	6
Labour Economics/Industrial Relations	7
Structure of the Nigerian Economy	8
Research Methods and Project Report	9

**Four-Year B.Sc. Programme in Economics****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ECO 101	Principles of Economics 1	2
ECO 121	Introduction to Accounting	2
ECO 131	Introduction to Economic Statistics 1	
<b>Required Ancillary</b>		
COS 101	Introduction to Computer 1	2
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
<b>General Studies</b>		
GSP 101	Use of English I	2
GSP 105	Natural Science I	2
GSP 111	Use of the Library and Study Skills	2
<b>Electives (Choose two Units)</b>		
PSY 101	Introduction to Psychology 1	
SOC 101	Introduction to Sociology I	2
GEO 101	Basic Elements of Landforms and the Hydrosphere	2
TOTAL		<u>20</u>

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ECO 102	Principles of Economics II	2
ECO 122	Introduction to Business Management	2
ECO 124	Principles of Business Finance	2
ECO 132	Introduction to Economic Statistics II	2
<b>Ancillary</b>		
COS 102	Introduction to Computer II	2
MTH 122	Elementary Mathematics III	3
<b>General Studies</b>		
GSP 102	Use of English II	2
GSP 106	Natural Science II	2
<b>Electives (Choose two Units)</b>		
STA 132	Inference II	
STA 172	Laboratory for Inference II	2
GEO 102	Basic Elements of the Atmosphere and Biosphere	2
TOTAL		<u>19</u>

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
ECO 201	Microeconomic Theory I	2
ECO 203	Macroeconomic Theory I	2



ECO 221	Monetary Economics and Finance	2	
ECO 231	Intermediate Economic Statistics I	2	
ECO 233	Intermediate Mathematical Economics I	2	
ECO 281	History and Structure of the Nigerian Economy I	2	
<b>General Studies</b>			
GSP 201	Peace Studies and Conflict Resolution I	2	
GSP 207	Philosophy and Logic I	2	
<b>Electives (Choose Two Units)</b>			
ECO 223	Intermediate Business Accounting		
ECO 271	Theories of Human Resources	2	
ECO 273	Labour Economics		2
	TOTAL		18
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<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
ECO 202	Microeconomic Theory II		2
ECO 204	Macroeconomic Theory II		2
ECO 232	Intermediate Economic Statistics II		2
ECO 234	Intermediate Mathematical Economics II		2
ECO 236	Computing Applications for Economists		2
ECO 282	History and Structure of the Nigerian Economy II		2
<b>General Studies</b>			
GSP 202	Peace Studies and Conflict Resolution II		2
GSP 208	Philosophy and Logic II		2
<b>Departmental Electives (Choose two Units)</b>			
ECO 262	Urban and Regional Economics	2	
ECO 264	Introduction to Environmental Economics	2	2
ECO 266	Introduction to Health Economics		
<b>Faculty Electives (Choose Two or Three Units)</b>			
POL 241	Foundation of Political Economy	3	
SOC 252	Social Change and Social Problems	3	
GEO 214	Climatic Systems and Regional Climates	2	2 or 3
	TOTAL		20/21
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<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
ECO 301	Intermediate Microeconomic Theory		2
ECO 303	Intermediate Macroeconomic Theory		2
ECO 311	History of Economic Thought I		2
ECO 325	Public Sector Economics I		2
ECO 331	Introduction to Econometrics I		2
ECO 341	International Economics I		2
ECO 361	Development Economics I		2
ECO 391	Research Methods in Economics I		2
<b>General Studies</b>			
CED 341	Introduction to Entrepreneurship		2
<b>Electives (Choose two Units)</b>			
ECO 333	Operations Research		
ECO 351	Demography and Population Economics	2	
ECO 363	Political Economy		2
	TOTAL		20
<hr/>			
<b>Third Year</b>			
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
ECO 302	Intermediate Microeconomic Theory II		2
ECO 304	Intermediate Macroeconomic Theory II		2
ECO 312	History of Economic Thought II		2

ECO 326	Public Sector Economics II	2	
ECO 332	Introduction to Econometrics II	2	
ECO 342	International Economics II	2	
ECO 362	Development Economics II	2	
ECO 392	Research Methods in Economics II	2	
<b>General Studies</b>			
CED 342	Business Development and Management	2	
<b>Electives (Choose two Units)</b>			
ECO 322	Management Accounting	2	
ECO 324	Financial Markets and Institutions	2	2
ECO 328	Applied Monetary Economics	2	
ECO 334	Intermediate Mathematical Economics	2	
	<b>TOTAL</b>		<b>20</b>
<b>Fourth Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
ECO 401	Advanced Microeconomic Theory and Policy I	2	
ECO 403	Advanced Macroeconomic Theory and Policy I	2	
ECO 421	Advanced Public Sector Economics	2	
ECO 423	Public Policy	2	
ECO 431	Advanced Statistics and Econometrics I	2	
ECO 461	Advanced Development Economics	2	
ECO 463	Comparative Economic Systems	2	
ECO 475	Project Appraisal I	2	
<b>Electives (Choose four Units)</b>			
ECO 433	Advanced Mathematical Economics	2	
ECO 451	Energy Economics	2	
ECO 453	Advanced Demography and Population Economics	2	
ECO 471	Industrial Relations and Personnel Management	2	4
	<b>TOTAL</b>		<b>20</b>
<b>Fourth Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
ECO 402	Advanced Microeconomic Theory and Policy II	2	
ECO 404	Advanced Macroeconomic Theory and Policy II	2	
ECO 432	Advanced Statistics and Econometrics II	2	
ECO 452	Economics of Production	2	
ECO 462	Economics of Planning	2	
ECO 476	Project Appraisal II	2	
ECO 478	Project Report	6	
<b>Electives (Choose Two Units)</b>			
ECO 428	Advanced Monetary Economics	2	
ECO 464	Health Economics and Health Policy	2	2
ECO 466	Climate and Environmental Economics	2	
			<b>20</b>

**Department of Geography****Staff**

P. C. Onokala, B.Sc.,(Nigeria), M.Sc., Ph.D. (Alberta)	Professor
I. A. Madu, B.Sc., PGDE, M.Sc., Ph.D (Nigeria)	Professor
P. O. Phil-Eze, B.Sc., M.Sc., Ph.D (Nigeria)	Professor?Head
M.C. Obeta, B.Sc., PGDE, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
T. C. Nzeadibe, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
H.C. Nnamchi, B.Sc., M.Sc., Sc.D. (CAS; China)	Senior Lecturer
A. N. Ali, B.A,(UniLag.), M.Sc. (Nigeria)	Senior Lecturer
C.K. Ajaero, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
C. A. Onyekwelu, B.Sc., M.Sc. (UniLag.)	Lecturer I
A.T. Mozie, B.Sc., M.Sc. (Nigeria)	Lecturer I
R. U. Ayadiuno, B.Sc., M.Sc. (GIS Ibadan), M.Sc. (Nigeria)	Lecturer I

C.N. Ayogu, B.Sc., M.Sc. (Nigeria)	Lecturer I
L.C. Mba, B.Sc., M.Sc. (Nigeria)	Lecturer I
T. Akukwe, B.Sc., M.Sc. (Nigeria)	Lecturer II
I.G. Nwosu, B.Sc., M.Sc. (Nigeria)	Lecturer II
C.U. Ezech, B.Sc., M.Sc. (Nigeria)	Lecturer II
G.C. Asuoha, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
O.G. Ossai, B.Sc. (Nigeria)	Graduate Assistant
C.F. Nwankwo, B.Sc. (Nigeria)	Graduate Assistant
G.S. Nnadi, B.Sc. (Nigeria)	Graduate Assistant
J.C. Onu, B.Sc. (Nigeria)	Graduate Assistant
C. Ogbodo, B.Sc. (Nigeria)	Technologist II
C.C. Ndichie, B.Sc. (Nigeria)	Technologist II
C.E. Eze, OND	Acting Secretary

### **Brief History**

The Department was created in the 1961/62 academic year with four academic staff and 24 pioneer students all based in the Faculty of Science. The early curriculum (1961-1964) of the department was basic, with the entire first year spent on General Study's courses and electives. In 1964/65, however, a number of changes were made to the curriculum. Elements of geography courses were now taught in the first year, with the other courses following in the second year (University of Nigeria, 1964). The curriculum was in 1981/82, overhauled with new emphasis on environmental issues, on planning, and on practical and analytical techniques. Thus, courses in the Philosophy and Methodology of Geography, Surveying, Environmental problems, Quantitative Geography, and Hydrology were introduced. So also were separate courses in practical Human Geography, and Regional Planning Methods. The 1981/83 curriculum remained unchanged throughout the 1980s. It also represented the most balanced expression of the department's unique conception of the spirit and purpose of geography.

The Departmental curriculum was again revised in 1989. The Department was mandated to teach the 'minimum standards' listed courses. The 'minimum standards' decreed that the semester system should apply nationwide. The new order, to convert to a two-semester system lead to a radical revision of the course structure and running of the Department. The Departmental curriculum was again reviewed in 2001 with new courses introduced. The new courses were Geographic Information Systems (GIS) and Environmental Management. Also, Quantitative Geography 1 and II were changed to Basic Statistical Methods for Geographers 1 and II. It is in the same spirit to maintain and be in tune with the dynamic nature of the discipline that the Department in 2014 revised the curriculum and expanded its scope to include Management. Remarkable changes in the new curriculum were the re-introduction of political geography, introduction of Spatial Analysis and Modelling, Theories and Applications in Spatial Management, in-cooperation of climate change into the existing relevant courses and Students Industrial Work Experience (SIWES).

### **Philosophy**

The Philosophical thrust of Geography is that spatial phenomena, the processes that yield them and the environment are inextricably linked. Consequently, the future of this planet and the human societies it supports depends upon committed, informed and critical persons trained to confront the challenges of Geography and Spatial issues.

### **Objectives**

The degree programme seeks to fulfil the following objectives:

1. To lay a thorough foundation in all the systematic branches of geography, as well as training students in geographic methods, philosophy and applications.
2. To lay a sound foundation in the study, appreciation and management of the spatial and geographic environment.
3. To introduce students to field work and studies of process and inter-relationships with a view to bridging the gap between theory and application.
4. To afford students exposure to specialized aspects of their choice in geography, spatial management and the geographic environment in their final year.

### **Scope**

The programme offered by the Department is broad and diverse, encompassing course work and research project. Courses offered cover diverse areas in the General, Physical, Quantitative, Regional and Human

Geography. Other areas include Population and Settlement Studies, Economic Geography, Environmental Issues and Problems, Environmental Protection and Management, Practical in Geography and Spatial Management.

Courses normally involve lectures, laboratory work, seminars and field work. Candidates are, in addition, required to present research projects which must be original in content and problem oriented.

### Entry Requirements

The Department of Geography offers four-year and three-year (Direct Entry) standard programmes leading to the Bachelor of Science (B.Sc.) honours degree in Geography. In addition to satisfying the University entry requirements, candidates seeking admission by entrance examination are required to obtain:

- (i) A minimum of five (5) credits including English, Geography and any three other subjects plus a pass in Mathematics for UTME, while:
- (ii) Direct entry candidates must have passed Geography and either Economics, History, Geology, Agricultural Science, Physics, Mathematics, Chemistry or Biology at HND, NCE, OND HSC (Principal Level) or GCE (Advanced Level) or must have a minimum of merit in Diploma in Environmental Protection and Management (EPM) of the University of Nigeria, Nsukka in addition to at least a credit in English and a pass in Mathematics at SSCE or its equivalent.
- (iii) With or without a credit pass in Geography at SSCE, candidates who possess at least merit in Diploma in EPM are qualified for Direct Entry Admission.

### Job Opportunities

The successful graduates in Geography are equipped for careers in research institutions, teaching, as well as government, NGOs, parastatals and corporate agencies. They are particularly trained for employment in areas requiring a combination of broad theoretical knowledge, and specific skills. Graduates of Geography are employed in the following areas:

- Ministries and Parastatals
- Population Agencies
- Transport Development and Planning
- Urban and Regional Planning
- Conservation and Land Management
- Environmental Impact Assessment
- Pollution Monitoring
- Private Consultancies
- Primary, Secondary and Tertiary Education.
- Resource Management
- Industrial Establishments
- Port Authorizes
- Aviation among others

The departmental office is location of the Departmental Office/Library and the Departmental secretary is usually able to answer questions concerning undergraduate information.

### Stress Areas

General Geography, Philosophy and Methodology	0
Physical Geography	1
Quantitative Geography	2
Practicals in Geography	3
Population and Settlement Geography	4
Geography of Economic Activity	5
Applied Geography & Environmental Issues	6
Other Aspects of Human Geography	7
Regional Geography	8
Original Research Project	9

### Four-Year Standard Programme

#### FIRST YEAR

#### First Semester

CODE	TITLE.	UNITS
<b>Major Courses</b>		
GEO 101	Basic Elements of Landforms and the Hydrosphere	2

GEO 103	Fundamentals of Human Geography I	2
GEO 121	Basic Statistical Methods for Geographers I	2
GEO 131	Introduction to Map work and Practical Geography	3
GEO 161	Introduction to Environmental Science	2
GSP 105	Natural Science I	2
GSP 111	The Use of Library	2

**Electives**

4 units to be chosen from the list below

(otherwise with the approval of the Department)		4
ECO 101	Principles of Economics I	2
PSY 101	Introduction to Psychology I	2
SOC 101	Introduction to Sociology I	2
PSC 101	Introduction to Political Sciences I	2
ANT 102	Introduction to Anthropology	4

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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

GEO 102	Basic Elements of the Atmosphere and Biosphere	2
GEO 104	Fundamentals of Human Geography II	2
GEO 122	Basic Statistical Methods for Geographers II	2
GEO 132	Elementary Surveying	3
GEO 184	Local Field Studies	3
GEO 162	Basics of Environmental Change	2
GSP 102	The Use of English II	2
GSP 106	Natural Science II	2

**Electives**

2 units to be chosen from the list below

(otherwise with the approval of the Department)		2
ECO 102	Principles of Economics II	2
PSY 103	Determinants of Behaviour	2
SOC 102	Introduction to Sociology II	2
PSC 102	Introduction to Political Science II	2

20

**Second Year**

**First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

GEO 201	Contemporary Philosophy and Methodology of	2
GEO 211	Development and Structural Basis of Geomorphology	2
GEO 213	The Physical Basis of Climate	2
GEO 215	Introduction to Biogeography	2
GEO 231	Introduction to Cartography	2
GEO 271	Spatial Patterns of Land use	2
COS 101	Introduction to Computer Science	2

**General Studies Courses**

GSP 201	Introduction to Peace and Conflict Resolution	2
GSP 207	Humanities I	

**Electives**

ECO 201	Micro Economic Theory I	2
ANT 303	Nigerian People and Cultures	3
GLG 103	Basic and Applied Geology for Environmental and Physical Sciences	3
MTH 111	Elementary Mathematics I	3
MTH 112	Elementary Mathematics II	3

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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

GEO 202	Contemporary Philosophy and Methodology of Geography II	2
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GEO 212	Geomorphological Processes and Forms	2
GEO 214	Climatic Systems and Regional Climates	2
GEO 216	Principles of Biogeography	2
GEO 222	Statistical Inference from Geographic Data	2
GEO 234	Introduction to Geographic Information Systems	2
GEO 242	Introduction to Population Geography	2
COS 304	Computer Applications	2
<b>General Studies Courses</b>		
GSP 208	Humanities II	2
GSP 202	Peace and conflict Resolution	2
<b>Electives</b> (choose one unit from the list below (otherwise with the approval of the Department)		2or3
ECO 203	Micro Economic Theory I	2
ECO 204	Micro Economic Theory II	2
MTH 113	Elementary Mathematics I	3
GLG 141	Earth History	
PSY 242	Psychology of Ethnicity and Ethnic Groups	2
ECO 202	Micro Economic Theory II	2
		<hr/> 22/23
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
GEO 321	Multivariate Statistical Analysis in Geography	2
GEO 333	Application of Geographic Information Systems	2
GEO 331	Thematic Cartography	2
GEO 341	Principles and Methods of Population Geography	2
GEO 343	Settlement Geography	2
GEO 351	Economic Geography	2
GEO 373	Geographical Regions of Africa	2
CED 341	Introductions to Entrepreneurship I	2
<b>Electives</b>		4
GEO 311	Principles of Hydrology	2
GEO 313	Runoff Processes in Drainage Basin	2
GEO 335	Environmental Remote Sensing	2
GEO 337	Aerial Photo Interpretation	2
GEO 353	Land Resource Evaluation	2
GEO 363	Soil Conservation and Protection	2
		<hr/> 20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GEO 309	Research Design and Methodology in Geography	2
GEO 384	Geography Field Course I	3
GEO 386	Geography Field Course II	3
GEO 388	Students Industrial Work Experiences (SIWES)	10
		<hr/> 18
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
GEO 431	Advanced Cartographic Methods I	2
GEO 461	Environmental Protection and Management	2
GEO 453	The Developing World	2
GEO 471	Geographical Regions of Nigeria	2
GEO 477	Geography in Regional Planning	3
GEO 479	Spatial Analysis and Modelling	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship I	2
<b>Electives</b>		4

## PHYSICAL RESOURCES OPTIONS

GEO 411	Geomorphology of the Tropics	2
GEO 413	Weather and Climate in the Tropics	2
GEO 415	Tropical Vegetation Resource Analysis	2
GEO 417	Urban Hydrological Problems	2
GEO 465	Geography of Water Resources	2

## HUMAN GEOGRAPHY AND SPATIAL MANAGEMENT OPTIONS

GEO 441	Urbanization and Development	2
GEO 443	Rural Environment, Development and Sustainability	2
GEO 447	Techniques and Models in Population Geography	2
GEO 451	Development of Transportation Systems	2
GEO 457	Industrial Location and Models	2
GEO 455	Principles of Agricultural Geography	2
GEO 475	Principles of Political Geography	2

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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

GEO 432	Advanced Cartographic Methods II	2
GEO 446	Theories and Applications in Population Geography	2
GEO 454	The Developed World	2
GEO 472	Geography of Nigerian Development	2
GEO 474	Theories and Applications in Spatial Management	2
GEO 492	Project	6

**Required Ancillary Courses**

CED 342	Introduction to Entrepreneurship II	2
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**Electives**

4

## PHYSICAL RESOURCES OPTIONS

GEO 412	Applied Geomorphology	2
GEO 414	Applied Climatology	2
GEO 416	Ecosystem Management	2
GEO 418	Hydrological Measurements and Network Design	2
GEO 466	Water Resources Development and Management	2

## HUMAN GEOGRAPHY AND SPATIAL MANAGEMENT OPTIONS

GEO 442	Internal Structure of the City	2
GEO 444	Rural Development Planning	2
GEO 448	Population and Resource Development	2
GEO 452	Transportation Development Problems and	2
GEO 458	Industrial Systems and Development	2
GEO 456	Agricultural Resources of the Humid Tropics	2
GEO 476	The Political Organization of Space	2

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**Three-Year Standard Programme****First Year****First Semester**

CODE	TITLE.	UNITS
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**Major Courses**

GEO 121	Basic Statistical Methods for Geographers I	2
GEO 201	Contemporary Philosophy and Methodology of Geography I	2
GEO 211	Development and Structural Basis of Geomorphology	2
GEO 213	The Physical Basis of Climate	2
GEO 215	Introduction to Biogeography	2
GEO 231	Introduction to Cartography	2
GEO 271	Spatial Patterns of Land use	2

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
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**General Studies Courses**

GSP 201	Peace Studies and Conflict Resolution I	2
GSP 105	Natural Science I	2

		20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GEO 122	Basic Statistical Methods for Geographers II	2
GEO 202	Contemporary Philosophy and Methodology of Geography II	2
GEO 212	Geomorphological Processes and Forms	2
GEO 214	Climatic Systems and Regional Climates	2
GEO 216	Principles of Biogeography	2
GEO 222	Statistical Inference from Geographic Data	2
GEO 234	Introduction to Geographic Information Systems	2
GEO 242	Introduction to Population Geography	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 202	Peace Studies and Conflict Resolution II	2
		20
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
GEO 321	Multivariate Statistical Analysis in Geography	2
GEO 333	Application of Geographic Information Systems	2
GEO 331	Thematic Cartography	2
GEO 341	Principles and Methods of Population Geography	2
GEO 343	Settlement Geography	2
GEO 351	Economic Geography	2
GEO 373	Geographical Regions of Africa	2
<b>Required Ancillary Courses</b>		
CED 341	Introductions to Entrepreneurship I	2
<b>Electives</b>		4
GEO 311	Principles of Hydrology	2
GEO 313	Runoff Processes in Drainage Basin	2
GEO 335	Environmental Remote Sensing	2
GEO 337	Aerial Photo Interpretation	2
GEO 353	Land Resource Evaluation	2
GEO 363	Soil Conservation and Protection	2
		20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GEO 309	Research Design and Methodology in Geography	2
GEO 384	Geography Field Course I	3
GEO 386	Geography Field Course II	3
GEO 388	Students Industrial Work Experiences (SIWES)	10
		18
<b>THIRD YEAR</b>		
<b>First Semester</b>		
CODE	TITLE.	UNITS
<b>Major Courses</b>		
GEO 431	Advanced Cartographic Methods I	2
GEO 461	Environmental Protection and Management	2
GEO 453	The Developing World	2
GEO 471	Geographical Regions of Nigeria	2
GEO 477	Geography in Regional Planning	3
GEO 479	Spatial Analysis and Modeling	2
<b>Required Ancillary Courses</b>		
CED 341	Introduction to Entrepreneurship I	2
<b>Electives</b>		4
<b>PHYSICAL RESOURCES OPTIONS</b>		



GEO 411	Geomorphology of the Tropics	2
GEO 413	Weather and Climate in the Tropics	2
GEO 415	Tropical Vegetation Resource Analysis	2
GEO 417	Urban Hydrological Problems	2
GEO 465	Geography of Water Resources	2
<b>HUMAN GEOGRAPHY AND SPATIAL MANAGEMENT OPTIONS</b>		
GEO 441	Urbanization and Development	2
GEO 443	Rural Environment, Development and Sustainability	2
GEO 447	Techniques and Models in Population Geography	2
GEO 451	Development of Transportation Systems	2
GEO 457	Industrial Location and Models	2
GEO 455	Principles of Agricultural Geography	2
GEO 475	Principles of Political Geography	2
		<b>19</b>
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
GEO 432	Advanced Cartographic Methods II	2
GEO 446	Theories and Applications in Population Geography	2
GEO 454	The Developed World	2
GEO 472	Geography of Nigerian Development	2
GEO 474	Theories and Applications in Spatial Management	2
GEO 492	Project	6
<b>Required Ancillary Courses</b>		
CED 342	Introduction to Entrepreneurship II	2
<b>Electives:</b> 4 units to be chosen from the list below (2 units from each option area). <i>Note that the first semester component is a prerequisite for each option.</i>		4
<b>PHYSICAL RESOURCES OPTIONS</b>		
GEO 412	Applied Geomorphology	2
GEO 414	Applied Climatology	2
GEO 416	Ecosystem Management	2
GEO 418	Hydrological Measurements and Network Design	2
GEO 466	Water Resources Development and Management	2
<b>HUMAN GEOGRAPHY AND SPATIAL MANAGEMENT OPTIONS</b>		
GEO 442	Internal Structure of the City	2
GEO 444	Rural Development Planning	2
GEO 448	Population and Resource Development	2
GEO 452	Transportation Development Problems and	2
GEO 458	Industrial Systems and Development	2
GEO 456	Agricultural Resources of the Humid Tropics	2
GEO 476	The Political Organization of Space	2
		<b>22</b>

### Department of Philosophy

#### Staff

F.U. Okafor, B.A. (Nigeria), M.A. Ph.D. (Rome)	Professor
E. Aja, B.A., M.A., Ph.D. (Nigeria)	Professor
J.C.A. Agbakoba B.A., M.A. (Ife), Ph.D. (Nigeria)	Professor
E. M. Ome, B.A. (Rome), M.A., Ph.D. (Nigeria)	Senior Lecturer/Ag. Head
M.F. Asiegbu, B.Phil. (Rome), M.A. (Belgium), Ph.D. (Belgium)	Senior Lecturer
F.O.C. Njoku, B.Phil. M.A. (USA), Ph.D. (Rome)	Senior Lecturer
J.O. Eneh, M.A. (Waterloo), Ph.D. (Nigeria)	Associate Prof.
M.C. Anyaehie, B.Phil. (Rome), M.A., Ph.D. (Nigeria)	Senior Lecturer
A.C. Areji, B.A., M.A., Ph.D. (Nigeria)	Senior Lecturer
C. Ogbozo, B.Phil. (Rome), Ph.D. (Rome)	Senior Lecturer
C.K.C. Ani, B.A., M.A., Ph.D. (Nigeria)	Senior Lecturer
O. Anichebe B.A., M.A. (Nigeria)	Senior Lecturer
C. I. Asogwa, B.A., M.A., Ph.D. (Nigeria)	Senior Lecturer
N.U. Asogwa, B.A., M.A., Ph.D. (Nigeria)	Senior Lecturer

J.N. Chukwuma, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
A.N. Nwankwo, B.Phil. (Rome), M.A., Ph.D. (Duquesne)	Lecturer II
DR. I. I. Enweh, B.Phil. (Rome), M.A., Ph.D. (Leuven)	Lecturer II
S.C. Dimonye, B.A., M.A. (Ibadan)	Lecturer II
D.O. Odo, B.A., M.A. (Nigeria)	Lecturer II
I.K. Onah, B.Phil. (Rome), M.A. (Awka)	Assistant Lecturer
M.U. OKOYE, B.A., M.A. (Nigeria)	Assistant Lecturer
C.K. Okoro, B.A. (Ibadan), M.A. (Nigeria)	Assistant Lecturer
W.C. Ezeanya, B.A. (Nigeria)	Graduate Assistant

### Departmental information

The Department offers a single Honours degree programme in philosophy and combined honours degree programmes with any of the Departments in the Faculties of Arts and Social Sciences. The Programme further exposes Philosophy majors to other interrelated disciplines, e.g. Political Science, Economics, Psychology, Religion, Sociology, Foreign Languages, Education, History.

### Philosophy

Our philosophy is that our students should be trained in a manner that will equip them with a critical and reflective mind as the skills and aptitudes that will enable them analyze, appreciate and theorize about the fundamental dimensions of reality; and the connection of these to personal and social affairs.

### Objectives

The Objectives of the degree programme in philosophy are:

1. To prepare students for administrative, policy-making and mass media career, teaching positions in the public service, private sector, and educational institutions.
2. To provide foundation for those who wish to do professional/ academic philosophy.
3. To bridge the gap between academic/professional philosophy and social practice in Nigeria in particular and Africa in general.

### Scope

To expose the students to Africa's contribution to global philosophy and also to other philosophies.

### Entry Requirement

Admission is by Direct Entry or by Entrance Examination through U.M.E. Candidates seeking admission by direct entry and those by entrance examination are expected to complete their programme in three or four years respectively. Possession of University of Nigeria entry requirements satisfies admission into the department. However, credit in the Arts and Social Science subjects at the GCE 'O' level or its equivalent is an advantage.

### Job Opportunities

The nature of the discipline and its designed programmes are to produce graduates suitable for employment in administrative, managerial, teaching capacities in:

1. The School, Viz: Primary and Secondary Education Institutions;
2. The Universities, Polytechnics and Colleges of Education;
3. The State and Local Government Commissions, Hospital Administration;
4. Federal Government Service-national as well as international
5. Parastatals, Private Organizations and Institutions,
6. The Army Forces, Navy and Air Force;
7. The Police, Prison;
8. Security and Intelligence Organizations;

### Service Courses

While every course offered by the Department of Philosophy may serve as a service course, Phil. 103 is a special offer.

### Stress Areas

Introduction/Foundation	0
Metaphysics	1
Axiology	2

	Epistemology and Methodology	3	
	History	4	
	African Philosophy	5	
	Social and Political Philosophy	6	
	Seminar	7	
	Research Project	8	
<b>Four Year Standard Programme</b>			
<b>First Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
PHI101	Introduction to Philosophy I		2
PHI 121	Ethics I		2
PHI141	History of Philosophy – 1 (Ancient)		2
<b>Required Ancillary Courses</b>			
SOC101	Introduction to Sociology I		2
PSY101	Introduction to Psychology		2
<b>General Studies Courses</b>			
GSP 101	Communication in English I.		2
GSP105	Natural Science I		2
GSP111	The Use of Library Skills		2
<b>Electives: Choose two Courses</b>			
GER 101	Elementary German I	2	
FRE 101	Elementary French I	2	
ECO 101	Principle of Economics I	2	4
			<hr/> 20
<b>Service Courses</b>			
(For non-philosophy major students)			
PHI 103	Philosophy and Logic		2
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
PHI 102	Introduction to Philosophy 11		2
PHI 104	History and Philosophy of Science		2
Phil 132	Logic and Clear Thoughts II		2
PHI 141	History of Philosophy 1		2
PHI 162	Introduction to Social & Political Philosophy		2
<b>Required Ancillary Courses</b>			
SOC 102	Introduction to Sociology II		2
PSY 103	Determinants of Behaviour		2
<b>General Studies Courses</b>			
GSP 102	Communication in English II		2
GSP 106	Natural Science II		2
<b>Electives: Choose two Courses</b>			
ECO 102	Principle of Economic II	2	
FRE 102	Elementary FRE 11	2	
GER 102	Elementary German II	2	4
			<hr/> 22
<b>Second Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
PHI 211	Metaphysics 1		2
PHI 231	Epistemology 1		2
PHI 241	History of Philosophy 11 (Medieval)		2
PHI251	African Philosophy 1		2
Phil 261	Social and Political Philosophy 11		2
<b>Required Ancillary Courses</b>			
MC. 201	Theories of Mass Communication		2

COS 101	Introduction to Computer Science	2	
<b>General Studies Courses</b>			
GSP 207	Humanities	2	
GSP 201	Peace and Conflict Resolution I	2	
<b>Electives: Choose one Course</b>			
PHI 263	Philosophy of Labor	2	
PHI 265	Philosophy of Human Rights	2	
PHI 267	Philosophy of Sports	2	
MC. 212	Critical and Review Writing	2	2
			<hr/> 20
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
Phil 222	Ethics II	2	
Phil 224	Environmental Philosophy	2	
PHI 232	Symbolic Logic	2	
PHI 234	Philosophy of Education	2	
PHI 262	Philosophy of Development I	2	
<b>Required Ancillary Courses</b>			
MC 242	Principle of Advertising	2	
SOC 251	Social Change & Social Problems	2	
<b>General Studies Courses</b>			
GSP 208	Humanities	2	
GSP 202	Peace and Conflict Resolution	2	
<b>Electives: Choose two Courses</b>			
RCS 201	History of Religions	2	
PHI 212	Special Studies	2	
PHI 266	Dispute & Conflict Resolution	2	
PHI 264	Philosophy of Communication & Information Ethics	2	
PHI 272	Topics in Practical Philosophy	2	4
			<hr/> 22
<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
PHI 311	Metaphysics II	2	
PHI 313	Philosophical Anthropology	2	
PHI 323	Aesthetics	2	
PHI 325	Business Ethics	2	
PHI 343	History of Philosophy 111 (Modern)	2	
PHI 351	African Philosophy 11	2	
<b>Required Ancillary Courses</b>			
MAC 312	Features Interpretative Writing	2	
PSC 211	Nigerian Government & Politics II	2	
<b>Electives: Choose two Courses</b>			
ANT 201	History of Anthropological & Sociological Theories	2	4
ANT 303	Nigerian Peoples & Culture	2	
SOC 301	Sociological Theories & Analysis	2	
PHI 331	Philosophy of Mathematics	2	
			<hr/> 20
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
PHI 312	Philosophy of Religion 1	2	
PHI 332	Research Methodology	2	
PHI 334	Epistemology 11	2	
PHI 336	Further Logic	2	
PHI 362	Philosophy of Development 11	2	
<b>Required Ancillary Courses</b>			
MC. 313	Editorial Writing	2	

RCS 351	African Traditional Religion	2	
COS 304	Computer Applications	2	
<b>Electives: Choose one Course</b>			
SOC 328	Political Sociology	2	
PHI 338	Philosophy of Technology	2	
ELS 131	Introduction to Oral Literature	2	2
			18

#### Fourth Year

##### First Semester

CODE	TITLE		UNITS
<b>Major Courses</b>			
PHI 411	Philosophy of Mind 1		3
PHI 421	Contemporary Issues in Ethics		3
PHI 441	Oriental Philosophy		3
PHI 443	Islamic Philosophy		2
PHI 445	Contemporary Philosophy		3
PHI 447	Philosophy of History		2
PHI 415	Philosophy of Religion 11	2	2
	OR		
PHI 462	Gender Issues	2	
			18

##### Second Semester

CODE	TITLE		UNITS
<b>Major Courses</b>			
PHI 412	Philosophy of Mind 11		3
PHI 432	Philosophy of Science		3
PHI 434	Philosophy of the Social Sciences		2
PHI 462	Philosophy of Language		2
PHI 464	Philosophy of Law		2
PHI 472	Seminar in Contemporary Philosophy		3
PHI 482	Project		6
			21

#### Three Year Programme

##### First Semester

CODE	TITLE		UNITS
<b>Major Courses</b>			
PHI 101	Introduction to Philosophy 1		2
PHI 121	Ethics 1		2
PHI 131	Logic and Clear Thought 1		2
PHI 141	History of Philosophy 1 (Ancient)		2
PHI 231	Epistemology 1		2
PHI 211	Metaphysics 1		2
PHI 241	History of Philosophy 11 (Medieval)		2
PHI 251	African Philosophy		2
<b>Required Ancillary Courses</b>			
SOC 101	Introduction to Sociology 1		2
COS 101	Introduction to Computer		2
<b>General Studies Courses</b>			
GSP 101	The Use of English 1		2
GSP 105	Natural Science 11		2
			24

##### Second Semester

CODE	TITLE		UNITS
<b>Major Courses</b>			
PHI 102	Introduction to Philosophy 11		2
PHI 104	History and Philosophy of Science		2
PHI 132	Logic and Clear Thought 11		2
PHI 162	Social and Political :Philosophy 1		2
PHI 224	Environmental Philosophy		2

PHI 232	Symbolic Logic	2
PHI 262	Philosophy of Development 1	2
<b>Required Ancillary Courses</b>		
SOC 102	Introduction to Sociology 11	2
PSY 103	Determinants of Behaviour	2
<b>General Studies Courses</b>		
GSP 102	The Use of English	2
GSP 106	Natural Science 11	2
		<hr/> 22

**Second Year**

The same as the Third Year of the four year standard programme except that Phil 261 must be taken in the first semester; other electives may be taken from the list in second and third years of the four-year standard programme.

**Third Year**

The same as the fourth year of the Four-Year Programme

**Department of Political Science****Staff**

O. Igwe, B.Sc. (Nigeria), M.Sc. (ABU)	Professor/Head
O. Ibeanu, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
E.O. Ezeani, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
J.I. Onuoha, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
A.M. Okolie, B.Sc. (Port Harcourt), M.Sc., Ph.D. (Nigeria)	Professor
P.C. Chukwu, B.Phil. (Rome), MPA, M.Sc. (Nigeria)	Senior Lecturer
J.O.R. Uju, B.Sc., M.Sc. (Nigeria)	Senior Lecturer
C.A. Umezurike, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
I.M. Abada, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
K.O. Nwachukwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
C.P. Adilieje, B.Sc., M.Sc. (Lagos)	Senior Lecturer
F.C. Onuoha, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
S.N. Asogwa, B.Sc., M.Sc. (Nigeria)	Lecturer 1
H.C. Edeh, B.Sc. (Howard), M.Sc. (Atlanta), Ph.D. (Georgia State)	Lecturer 1
B.U. Nwosu, B.Sc., M.Sc. (Nigeria), Ph.D. (Waitako NZ)	Lecturer 1
C.C. Ike, Diplom Deutsch-Hochschulreife Prüfung, Ph.D. (Salzburg)	Lecturer 1
H.N. Agbo, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer 1
V.C. Onah, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer 1
P.O. Mbah, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer 1
E.J. Nwagwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer 1
G.E. Ezirim, B.Phil. (Rome), PGD, M.Sc., Ph.D. (Nigeria)	Lecturer 1
C.C. Ezeibe, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer 1
O.A. Ononogbu, B.Sc., M.Sc. (Nigeria)	Lecturer 1
O.E. Albert, B.Sc., M.Sc. (Nigeria)	Lecturer 1
C.R. Adibe, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer 1
M.I. Ugwueze, B.Sc., M.Sc. (Nigeria)	Lecturer II
N.G. Egonu, B.Sc., M.Sc. (Nigeria)	Lecturer II
C. Nwangwu, B.Sc., M.Sc. (Nigeria)	Lecturer II
K.C. Obi, B.Sc. (Uturu), M.Sc., Ph.D. (Nigeria)	Lecturer II
P.A. Onuh, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
P.L. Atime, B.Sc., M.Sc. (Makurdi)	Assistant Lecturer
C.C. Ejiofor, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
I.E. Akpan, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C.G. Uchenna, B.Sc., M.Sc. (Ife)	Assistant Lecturer
H.U. Oranye, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C.E. Obianagwa, B.Sc. (Nigeria)	Graduate Assistant
T.U. Dibia, B.Ed. (Nigeria)	Secretary
J.F. Okogbue, B.Ed. (Nigeria), PGDE (Nigeria)	PEO 1

**Brief History**

The Department of Political Science, University of Nigeria, Nsukka, is the oldest Department of Political Science among the Nigerian Universities. It started officially as a full-fledged Department in the Faculty

of the Social Sciences on 13<sup>th</sup> October, 1960, when 17 first year students (out of a total of 220 university-wide) started classes for the first degree (B.Sc.) programme in Political Science. In June 1963, out of a total of 118 graduates of the University, the Department produced 17 foundation graduates. Since then it has continued to produce a great number of graduates who are performing well in all aspects of human endeavour.

### **General Information and Academic Programme**

The Department runs a four-year standard undergraduate degree programme leading to a B.Sc. (Honours) Degree in Political Science.

### **Philosophy**

An essential philosophy of this programme is knowledge for development. The programme seeks to prepare candidates who may wish to pursue careers in national and international services. Most importantly, it is an opportunity for potential political office-holders to widen their knowledge base in the areas of good governance and development.

### **Objectives**

The objectives of the programme are to:

1. Introduce the students to the concepts, theories, and the practical values of Political Science in the contemporary Nigerian society.
2. Ground the student in the philosophy and methods of political inquiry and analysis.
3. Focus scientific inquiry into and analysis of the relationship between the state and man both as an individual and a member of social groups.
4. Provide a comprehensive degree programme that will equip the students to cope with problems in the international arena.
5. Train high-level manpower for various administrative, management and leadership roles in the public service, parastatals, the diplomatic corps, universities, business and industry.

### **Scope**

The curriculum for the undergraduate degree programme shall cover the core courses in Political Science, Government, Public Administration, International Law and Politics, Development Studies and Diplomacy, Policy Analysis, Peace and Conflict Studies, Environmental Politics and Political Economy.

### **Job Opportunities**

The programme is designed to offer students the training that will equip them to serve the nation, Africa and the world as effective and efficient managers/administrators, experts, politicians, diplomats and international civil servants. Overall, Political Science prepares students to become wide ranging social articulators, leaders and consultants.

### **Entry Requirements**

#### ***i. Unified Tertiary Matriculation Examination (UTME):***

Candidates for admission into the Department of Political Science must have obtained a credit pass in English Language, Mathematics, Government or History, one science subject, plus credit pass in any of the following: Economics, Geography, Christian Religious Studies, Civic Education, Literature-in-English and Commerce at Senior Secondary School Certificate (SSSC), National Examination Council (NECO), General Certificate of Education (GCE) or their equivalent, in not more than two sittings.

#### ***ii. Direct Entry:***

Candidates for direct entry shall possess either of the following:

- Five credit passes in SSCE, NECO, GCE or their equivalent in English Language, Mathematics, one science subject, and any of the following: Government or History, Economics, Geography, Christian Religious Studies, Civic Education, Literature-in-English and Commerce, of which at least two from the list must be at the advanced level; or four credit passes from the list, of which at least three shall be at advanced level.
- At least merit pass in Diploma or National Certificate of Education (NCE) in relevant courses.
- At least lower credit in National Diploma in relevant courses.
- All categories of direct entry candidates start from Year One.

Combined Honours degrees are also available. Such degrees involve Political Science and any one of the following disciplines: Economics, Sociology/Anthropology, Psychology, Philosophy, Religion & Cultural Studies, and Geography.

### Stress Areas

Foundation Courses	0
Government	1
International Politics	2
Public Administration	3
Politics of Development	4
Political Economy	5
Methodology and Statistics	6
Political Theory	7
Industrial Training/Field Trip	8
Project	9

### First Year

#### First Semester

CODE	TITLE	UNITS
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#### Major Courses

<b>PSC 101</b>	Introduction to Political Science I	2
PSC 111	Nigerian Constitutional Development	2
PSC 113	Nigerian Legal System	2
PSC 131	Introduction to Public Administration	2

#### General Studies Courses

GSP 101	The Use of English I	2
GSP 105	Introduction to Natural Science I	2
GSP 111	Use of Library and Study Skills	2

#### Required Ancillary Courses

COS 101	Introduction to Computer Science	2
GEO 131	Introduction to Map Work & Practical Geography	3
		19

### Second Semester

CODE	TITLE	UNITS
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#### Major Courses

PSC 102	Introduction to Political Science II	2
PSC 112	Introduction to African Politics	2
PSC 114	Introduction to Strategic Studies	2
PSC 116	Organization of Government, The Citizen and the State	2
PSC 118	Introduction to Comparative Politics	2
PSC 122	Introduction to International Politics	2
PSC 182	Industrial Training/Field Trip	2

#### General Studies Courses

<b>GSP 102</b>	The Use of English II	2
GSP 106	Introduction to Natural Science II	2
		18

### Second Year

#### First Semester

CODE	TITLE	UNITS
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#### Major Courses

PSC 201	Introduction to Political Analysis	2
PSC 211	Nigerian Government and Politics	2
PSC 213	Methodology of Comparative Politics	2
PSC 221	Foreign Policy Analysis	2
PSC 223	American Politics and Constitutional Democracy	2
PSC 231	Principles of Public Administration	2

#### General Studies Courses

GSP 201	Basic Concepts and Theories of Peace and Conflict Resolution	2
GSP 207	Logic, Philosophy and Human Existence	2

#### Required Ancillary Courses

FSS 201	Introduction to Statistical Methods for the Social Sciences I	2
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<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSC 212	Local Government Studies	2
PSC 244	Environmental Politics and Sustainable Development	2
PSC 252	Foundations of Political Economy	2
PSC 272	Political Ideas	2
PSC 282	Industrial Training/Field Trip	2
<b>General Studies Courses</b>		
GSP 202	Issues in Peace and Conflict Resolution	2
GSP 208	Nigerian Peoples and Culture	2
<b>Required Ancillary Courses</b>		
FSS 202	Introduction to Statistical Methods for the Social Sciences II	2
COS 304	Computer Application	2
		18
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSC 321	Theories of International Politics	2
PSC 335	Public Policy Analysis	2
PSC 341	Politics of Development and Underdevelopment	2
PSC 343	Trans border Cooperation & National Development	2
PSC 361	Logic and Methods of Political Inquiry	2
PSC 363	Political Data Analysis	2
PSC 371	History of Political Thought (Classical to Contemporary)	2
<b>General Studies Courses</b>		
CED 341	Introduction to Entrepreneurship	2
<b>Electives: Choose Two Units</b>		
PSC 311	Government and Administration of Urban Systems	2
PSC 333	Theory and Practice of Administration	2
PSC 351	Theories of Political Economy	2
		18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSC 302	Political Behaviour	2
PSC 312	Comparative Federalism	2
PSC 322	American Foreign Policy and Human Security	2
PSC 324	Politics of International Economic Relations	2
PSC 332	Public Administration and Administrative Law in Nigeria	2
PSC 364	Contemporary Political Analysis	2
PSC 372	Theory and Practice of Marxism	2
PSC 382	Industrial Training/Field Trip	2
<b>General Studies Courses</b>		
CED 342	Business Development and Management	2
		18
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSC 411	Strategic and Defense Studies	2
PSC 413	Nigerian Local Government	2
PSC 421	Nigerian Foreign Policy	2
PSC 423	International Politics of Mass Communication	2
PSC 441	Development Administration	2
PSC 443	Budgeting and Budgetary Process	2
PSC 451	Political Economy of Migration and Remittances	2
PSC 453	Politics of Human Rights, Conflict Resolution & Management	2

PSC 473	Political Sociology	2
		18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSC 412	Politics and Law in Africa	2
PSC 414	Political Parties and Pressure Groups	2
PSC 422	Politics of International Law	2
PSC 426	International Organizations and Institutions	2
PSC 432	Comparative Public Administration	2
PSC 434	Public Personnel and Finance Administration	2
PSC 452	State and Economy	2
PSC 490	Research Project	4
		18

**Department of Psychology****Staff**

P.N. Ibeagha, B.Sc., M.Sc., Ph.D. (Ibadan)	Professor
M.C. Ifeagwazi, B. A. (Rome), B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
L.I. Ugwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
E.I. Onyishi, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
M.B. Nwoke, B.Sc., M.Sc., Ph.D. (Nigeria)	Reader
E.U. Immanuel, B.Sc. (Villanova, USA), M.Sc., Ph.D. (Nigeria)	Senior Lect./Ag. Head
L.O. Amazue, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
J.E. Eze, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
C. Ugwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
A.A. Agbo, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
P.C. Mefoh, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
V.C. Eze, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
J.I. Ugwu, B.Sc., M.Sc. (Nigeria)	Lecturer 1
B.N. Onyekachi, B.Sc., M.Sc. (Nigeria)	Lecturer 1
N.G. Onyedire, B.Sc., M.Sc. (Nigeria)	Lecturer 1
M.C. Onyedibe, B.Sc., M.Sc. (Nigeria)	Lecturer 11
E.E. Nnadozie, B.Sc., M.Sc. (Nigeria)	Lecturer 11
T.C. Orjiakor, B.Sc. (Nigeria), M.Sc. (Cardiff Metropolitan)	Lecturer 11
J.C. Chukwuorji, B.Sc., M.Sc. (Nigeria)	Lecturer 11
C.L. Nwanosike, B.Sc., M.Sc. (Nigeria)	Lecturer 11
G.C. Kanu, B.Sc., M.Sc. (Nigeria), Ph.D. (Nigeria)	Lecturer 11
K.T. Ogba, B.Sc., M.Sc. (Nigeria), Ph.D. (Nigeria)	Lecturer 11
J.I. Nwifo, B.Sc., M.Sc. (Nigeria)	Lecturer 11
V.O. Odo, B.Sc., M.Sc. (Nigeria)	Lecturer 11
J.U. Nzenweaku, B.Sc. (Awka), M.Sc. (Nigeria)	Lecturer 11
I.V.N. Ujoatuonu, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
J.A. Akinola, B.Sc. (Ondo), M.Sc. (Ibadan)	Assistant Lecturer
I.K. Enweruzor, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C.O. Apex-Apeh, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
N.A. Ezeasor, B.Sc. (Ota), M.Sc. (Ibadan))	Assistant Lecturer
N. Chukwuemeka, B.Sc. (Nigeria), M.Sc. (Nigeria) B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
I.M. Beluonwu, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
N.U. Chuke, B.Ed., M.Ed. (Nigeria)	Princ. Executive Officer
M.E. Omoniyi, B.Sc., M.Sc. (Nigeria)	Graduate Assistant
D.U. Onu, B.Sc. (Nigeria),	Graduate Assistant
I.C. Chukwueke, B.Sc. (Nigeria)	Graduate Assistant
E.O.P. Okafor, B.Sc. (Nigeria)	Graduate Assistant
I.J. Boniface, B.Sc. (Nigeria)	Senior Technical Officer
P.U. Unachukwu, B.Sc. (Nigeria)	Senior Technical Officer
C.C. Okolo, B.Sc. (Nigeria)	Senior Technical Officer
P.C. Adubi, B.Sc. (IMSU)	Senior Technical Officer
I.G. Chukwu, B.Sc. (Nigeria)	Senior Technical Officer
U.L. Attah, B.Sc. (Nigeria)	Senior Technical Officer

E.M. Ezeanochie, B.Sc. (Nigeria)  
A.C.Ezeanyika, B.Sc. (Nigeria)

Senior Technical Officer  
Senior Technical Officer

### General Information

The Department of Psychology was established in the University of Nigeria in 1964 under the guidance of Professor Carl Frost of Michigan University, United States of America. It is the first degree-awarding Department of Psychology established in Nigeria and produced its first set of graduates in 1967.

### Philosophy and Objectives

The Department is strongly oriented to:

- (g) Scientifically studying the behaviour of humankind in order to provide information that would enrich the understanding and prediction of human actions, feelings and thought. It also seeks to enable people to understand and relate with each other very efficiently and effectively.
- (h) In training of students, the Department emphasizes the interrelations of biological, psychological and socio-cultural influences on observed behavioural events. It seeks to provide students with very strong foundation in principles, methods and philosophy of psychological investigation of human and animal behaviour.
- (i) It also offers students professional training and experience in various areas that enable its graduates to establish successful careers as psychologists in research and applied fields such as in medicine, education, industry, commerce, military and paramilitary organizations, social mobilization, human development, administration, correctional and rehabilitation services, and other human behaviour contexts that require adjustment to the various socio-psychological challenges and problems which the social, economic and technological changes in the world are generating.

### Academic Programmes

The Department runs academic programmes leading to the following qualifications: Bachelor of Science (B.Sc.) honours degree, Postgraduate Diploma (PGD), Master of Science (M.Sc.) Honours degree and Doctor of Philosophy (Ph.D). The B.Sc. programme is a four-year full-time programme in general psychology, while the PGD programme is a one-year full-time and part-time programme also in general psychology. The M.Sc. and Ph.D. programmes are both full-time and part-time with minimum of 12 calendar months and 24 calendar months for M.Sc. and Ph.D., respectively, and lead to specializations in particular fields in psychology. Combined Honours of Psychology with such disciplines as Sociology and Anthropology, Economics, Political Science, Religion, and Philosophy are also available in the B.Sc. programme.

### Entry Requirements

In addition to the minimum entry requirements of the University of Nigeria, candidates for admission into the B.Sc. programme are required to have credit in English language as well as general biology, human biology or health science, and at least pass in mathematics or statistics at the Secondary School Certificate Examination (SSCE) or ordinary level General Certificate of Education (GCE) organized by West African Examination Council (WAEC) or National Examination Council (NECO). Candidates seeking direct entry should, in addition to the above requirements, have at least pass in advanced level GCE or its equivalent in any two (2) of the following subjects: Mathematics, Biology, Physics, Chemistry, Economics, Business, Management, Geography, History and English Literature, or a Diploma approved by the University of Nigeria. UME (University Matriculation Examination) candidates, in addition to O'Level requirements, are required to take Biology in UME Examination.

Candidates for PGD programme are required to be graduates of the University of Nigeria or other recognized University or Polytechnic who possess honours degrees of Higher National Diploma (HND) in addition to credit pass or above in biology or health sciences and mathematics in SSCE or GCE or its equivalent. The programme is specifically designed to give professionals opportunity to acquire knowledge in appropriate fields of psychology for the advancement of their professional practice.

Candidates for M.Sc. programme are required to be graduates of the University of Nigeria or other recognized University who have obtained at least the bachelor degree with at least Second Class Honours or its equivalent in psychology, or the postgraduate diploma in psychology with at least credit pass. Candidates who possess qualifications different from above may be considered.

Candidates for the Ph.D. programme are required to be graduates of the University of Nigeria or other recognized Universities, who have obtained a Master's Honours degree with a minimum of 3.50 grade point average (GPA) on a 5-point scale or 3.00 GPA on a 4-point scale. M.Sc./Ph.D. programmes

are experimental, industrial/ organizational, social, developmental, counseling, clinical, school and forensic psychology.

Foreign candidates who possess equivalent of the above described qualifications are considered.

### Job Opportunities

Professionalism in psychology requires an intensive training at the postgraduate level in an area of specialty where requisite skills in specific areas of employment are acquired. This notwithstanding, bachelor degree holders in psychology have been employed and found very useful in industrial and business organizations, general hospitals and medical colleges, government ministries and parastatals, schools and higher educational institutions, the military, police, prisons and other correctional institutions, and other bodies with managerial personnel needs.

Postgraduate training in psychology prepares the psychologists for employment opportunities at a professional level in such areas as:

1. managerial positions in business and industries;
2. clinics, psychiatric and general hospitals, and medical schools and colleges;
3. universities, polytechnics and colleges of educations, research institutions;
4. all tiers of the education system;
5. various security and intelligence organizations, including the military, the police and the prisons;
6. Government services (local and foreign), agencies and parastatals; international agencies
7. non-governmental organizations (NGOs),
8. sports; etc.

### Stress Areas

Cognitive processes	0
Statistical and methodological issues	1
Experimental psychology	2
Physiological and comparative psychology	3
Social/industrial psychology	4
Developmental/abnormal psychology	5
Personality and assessment	6
Theories and systems	7
Cultural/environmental psychology	8
Project	9

### Four-Year Standard Degree Programme

#### First Year

##### First Semester

##### Major Courses

CODE	TITLE	UNITS
PSY101	Introduction to Psychology	2
PSY103	Learning processes	2
PSY111	Quantitative methods in Psychology I	2
PSY121	Basic Concepts in Experimental psychology	2

##### Required Ancillary courses

SOC101	Introduction to Sociology I	2
POL101	Introduction to Political science I	2

##### General Studies Courses

GSP 101	Use of English I	2
GSP 105	Natural Sciences I	2

##### Electives: Choose one Course

BIO151	General Biology	3	
MAN 141	Elements of Business Economics	3	
PHIL 101	Introduction to Philosophy	2	2or3
			18/19

#### Second Semester

##### Major Courses

CODE	TITLE	UNITS
PSY102	Determinants of Behaviour	2
PSY112	Quantitative methods in psychology II	2

PSY132	Psychobiology	2	
PSY142	Ethics in Psychology	2	
<b>Required Ancillary Courses</b>			
POL102	Introduction to political science II	2	
SOC102	Introduction to Sociology II	2	
<b>General Studies Courses</b>			
GSP 102	Use of English II	2	
GSP 106	Natural Science II	2	
<b>Electives: Choose one Course</b>			
BIO 152	General Biology II	2	
VTE135	Principles of Business and Marketing Education	2	2
			18
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<b>Second Year</b>			
<b>First Semester</b>			
<b>Major Courses</b>			
CODE	TITLE		UNITS
PSY221	General Experimental Psychology 1	2	
PSY231	Physiological Psychology 1	2	
PSY241	Introduction to Social Psychology	2	
PSY251	Developmental Psychology 1: Childhood and Adolescence	2	
PSY261	Psychology of Personality	2	
<b>Required Ancillary Courses</b>			
COS101	Introduction to Computer Science	2	
SOC221	Principles of Criminology and Penology	2	
<b>General Studies Courses</b>			
GSP201	Basic Concepts and Theory of Peace	2	
GSP207	Humanities	2	
			18
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<b>Second Semester</b>			
<b>Major Courses</b>			
CODE	TITLE		UNITS
PSY222	Psychological Measurement	2	
PSY222	General Experimental Psychology II	2	
PSY232	Physiological Psychology II	2	
PSY234	Sensation and Perception	2	
PSY242	Psychology of Ethnicity and Ethnic Groups	2	
PSY244	Psychology of Gender Issues	2	
PSY252	Developmental Psychology: Adulthood and Aging	2	
PSY254	Psychology of Child Labour, Abuse and Trafficking	2	
<b>General Studies Courses</b>			
GSP202	Issues in Peace and Conflict Resolution Studies	2	
GSP208	Nigerian People and Culture	2	
			20
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<b>Third Year</b>			
<b>First Semester</b>			
<b>Major Courses</b>			
CODE	TITLE		UNITS
PSY311	Statistical Methods in Psychology	2	
PSY331	Motivation and Emotion	2	
PSY341	Industrial/Occupational Psychology	2	
PSY343	Personnel Psychology	2	
PSY351	Introduction to Abnormal/Clinical Psychology I	2	
PSY361	Counselling Psychology	2	
PSY371	Theories and Systems	2	
PSY381	Environmental Psychology	2	
<b>Required Ancillary Courses</b>			
CED341	Introduction to Entrepreneurship	2	
<b>Electives: Choose one Course</b>			
PSY353	Community Psychology	2	

PSY345	Political Psychology	2	
PSY347	Cross-cultural Psychology	2	2
			20

**Second Semester****Major Courses**

CODE	TITLE	UNITS
PSY302	Cognitive Psychology	2
PSY312	Research Methods in Psychology	2
PSY341	Advanced social Psychology	2
PSY352	Abnormal/Clinical Psychology II	2
PSY354	Psychology of Substance Abuse	2
PSY356	Psychology of Mental Challenge	2
PSY362	Personality Assessment	2
PSY332	Psychology of Social Change	2

**Required Ancillary Courses**

CED342	Business Development and Management	2
COS304	Computer Applications	2
		20

**Fourth Year****First Semester****Major Courses**

CODE	TITLE	UNITS
PSY401	Computer Applications in Psychology	2
PSY431	Advanced Psychobiology	2
PSY441	Social Perception	2
PSY443	Psychology of Vocational Behaviour	2
PSY445	Consumer Psychology	2
PSY447	Organizational Psychology	2
PSY451	Health Psychology	2
PSY453	Behaviour Modification	2
PSY453	Practice in Psychotherapy 1	2
PSY461	Psychological Testing and Test Construction	2
		20

**Second Semester****Major Courses**

CODE	TITLE	UNITS
PSY432	Psychopharmacology	2
PSY442	Psychology of Union Management Relations	2
PSY454	Practicum in Psychotherapy	2
PSY462	Psychological Testing and Assessment	2
PSY491	Project	6

**Electives: Choose one Course**

PSY447	Sport Psychology	2
PSY472	Current Issues in Psychology	2
PSY482	Military Psychology	2
		16

**Department of Public Administration and Local Government****Staff**

C. Ofuebe, B.Sc. (Ife), M.Sc., Ph.D. (Nigeria)	Professor/ Head
R.C. Onah, B.Sc., PGD, M.Sc., Ph.D. (Nigeria)	Professor
F.O. Onah, B.Sc., MPA, M.Sc., Ph.D. (Nigeria)	Professor
C. N. Oguonu, B.Sc., MPA, M.Sc., Ph.D. (Nigeria)	Professor
O.U. Nnadozie, B.A. M.Sc., Ph.D. (Nigeria)	Professor
A.O. Uzuegbunam, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
M.A.O. Obi, B.Sc. (Ife), M.Sc., Ph.D. (Nigeria)	Professor
A.O. Onyishi, B.Sc. (Calabar), M.Sc., Ph.D. (Nigeria)	Professor
S.U. Agu, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
C.U. Agalamanyi, HND, PGD, MPA, M.Sc. DPA. (Nigeria)	Senior Lecturer
B.A. Amujiri, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
M.O. Ikeanyibe, B.Phil. (Rome), MPA, M.Sc., Ph.D. (Nigeria)	Senior Lecturer

O. Eme, B.Sc., M.Sc. (Nigeria)	Senior Lecturer
E. Izueke, HND (Nigeria), B.Sc. (Enugu), PGE. MPA, M.Sc. (Nigeria), Ph.D. (Awka)	Lecturer I
N.O. Anyadike, HND (Enugu), MPA, M.Sc. (Nigeria)	Lecturer I
C. Ugwu, B.Sc. (Port Harcourt), M.Sc., Ph.D. (Nigeria)	Lecturer I
S. Ugwu, B.Sc., GD, M.Sc., Ph.D. (Nigeria)	Lecturer I
F.O. Okwueze, B.Sc., M.Sc., hD. (Nigeria)	Lecturer I
G. Okafor, BA. MPA, Ph.D. (USA)	Lecturer I
A.N. Ogbochie, B.Ed, PGD, M.Ed., M.Sc.(Nigeria)	Lecturer I
F. I. Nzekwe, B.A. PDG, PDGE. M.Sc. (Nigeria)	Lecturer I
O.C.Nwosu, B.Ed., MPA, MSc., Ph.D. (Nigeria)	Lecturer II
S.T. Nwachukwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer II
J.N. Obioji, B.Sc., M.Sc., M.Sc. (Delta), Ph.D. (Nigeria)	Lecturer II
M.C. Nwande, B.Sc. LL.B. (Nigeria), B.L. (Abuja), PGDE. (Imo), M.Sc. (Nigeria), LL.M. (Ebonyi)	Lecturer II
C. Olise, B.Sc., M.Sc. (Nigeria)	Lecturer II
V. Nnamani, B.Sc. (Nigeria), PGD (Zaria), M.Sc. (Nigeria)	Lecturer II
A. Okolie, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
I.O. Oluwole, B.Ed., M.Sc. (Nigeria)	Assistant Lecturer
I. Emeh, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
S.I Atabo, B.Sc., M.Sc. (Keffi)	Assistant Lecturer
O.O. Obara, B.Sc. (Delta), M.Sc. (Nigeria)	Assistant Lecturer
C.O. Ugwuibe, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
M.C. Okolo, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
I.U. Nwafor, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
C. F. Ugwuanyi, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
B.Udenze, HND (Nekede), B.Sc., M.Sc. (Nigeria).	Assistant Lecturer
P.I. Attama, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
A.V. Achi, B.Sc., PGIAU (Port Harcourt), M.Sc. (Abia)	Assistant Lecturer
M.O Idam, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
I.A. Onwuka, B.Sc. (Imo), M.Sc. (Nigeria)	Assistant Lecturer
I. Abdulrouf, B.Sc. (Zaria), M.Sc. (Zaria)	Assistant Lecturer
U.G. Nworisa, B.Sc. (Nigeria)	Graduate Assistance
I.Awah, HND, B.Sc., M.Sc. (Nigeria)	Higher Technical Officer I
T.N. Akawaka, HND (Nigeria), PGD (Kaduna)	Higher Technical Officer II
U. Akwuagana, BA. (Awka), MPA (NOUN)	Higher Technical Officer II
N. Okpara, B.Sc. (Nigeria)	Higher Technical Officer II
C. M.Nwachukwu B.Sc., GD (Nigeria)	Higher Technical Officer II
E.U. Nwodo, HND (Enugu)	Higher Technical Officer II
C.M. Ogbu, HND (Enugu)	Higher Technical Officer II
F. Fakaye, HND (Ondo)	Higher Technical Officer II
S.N. Eze, Diploma. (Nigeria)	Higher Technical Officer II
C.M. Nwachukwu, B.Sc., GD (Nigeria)	Higher Technical Officer II
E.U. Nwodo, HND (Enugu)	Higher Technical Officer II
C.N. Ogbu, HND (Enugu)	Higher Technical Officer II
F. Fakaye, HND (Ondo)	Higher Technical Officer II
S.N. Eze, DIP. (Nigeria)	Higher Technical Officer II
V.I. Nwodo, B.Sc., M.Sc. (Nigeria)	Higher Technical Officer I
R.N. Chukwuemeka, B.Sc. (Meduguri)	Higher Technical Officer I
M.B. Ezeamah, B.Sc., PGD (Nigeria)	Higher Technical Officer II
B.E. Obialor, B.Sc. (Nigeria)	Higher Technical Officer II

## Public Administration

### Philosophy

The philosophy of the programme underscores the need to provide graduate education and training in Public Administration, which broadens the intellectual exposure of students in the discipline, develops their capacity to undertake rigorous and quality research in the core areas of the discipline, and apply theoretical understanding and research results to problem solving.

### Objectives

1. To develop the students' skills in critical thinking and analysis, logical reasoning and research methodologies.
2. To improve their capacity to undertaking rigorous and quality research and to make effective inputs in the formulation and implementation of public policy.
3. To develop the students 'expertise in the functional areas of Public Administration so that they may advance the frontiers of public administration theory and practice and enhance the contributions that Public Administration could make to nation building.

#### **Scope**

The programme is designed to cover the following:

- a. The theories of organization, with particular reference to public and private organizations;
- b. Research Methodology necessary for the analyses of complex systems and for seeking operational solutions to administrative and management problems;
- c. Management technologies, including the use of sophisticated information systems for the maintenance of an on-going decision-making system; and
- d. Acquisition of knowledge in substantive programme areas, such as urban management, budgeting and financial management and general public management.

#### **Mode of Study**

The M.Sc. degree Programme offers both Full Time and Part-Time mode of study.

#### **Duration of Study**

- (a) **Full-time:** A Minimum of three (3) Semesters and a maximum of six (6) Semesters
- (b) **Part-time:** A Minimum of six (6) semesters and a maximum of eight (8) semesters.

#### **Entry Requirements**

1. Graduates of the University of Nigeria or other recognized institutions with a minimum of Second Class Honours Lower Division in Public Administration, with not less than 3.00 GPA or its equivalent.
2. Candidates with Honours degree in political science who would have taken a minimum of 24 credit hours in Public Administration.
3. Candidates with Postgraduate Diploma in Public Administration at credit level of the University of Nigeria or from other recognized institutions. In addition, the candidate must satisfy the departmental O'Level and /or Direct Entry general entry requirement for the degrees programmes.

#### **Employment Opportunities**

The programme provides opportunity for those seeking employment as research fellows and academics in universities, higher institution and Research Institutions. It also provides opportunity for those who desire to work in public, private and international organizations including NGOs as Administrative Programme and Development Managers.

#### **Course Structure**

The M.Sc. Programme requires a minimum of 36 credit units made up as follows:

Twelve core courses	36 units
Two elective courses (3 credits each)	6
Project Report	6
<b>Total</b>	<b>48 Units</b>

#### **Areas of Specialization**

There are four (4) areas of specialization in M.Sc. programme in Public Administration, namely:

- Human Resource Management
- Local Government
- Financial Management
- International Administration

#### **Master of Public Administration (MPA) Programme**

##### **General Information**

The Department of Public Administration offers post graduate programmes leading to Master of Public Administration (MPA).

#### **Philosophy of the Programme**



The Master of Public Administration programme is designed to provide students with the professional education and skill for entry into the public and private services. It is designed for those already in the public and private sector wishing to up-grade their skills and knowledge in administration and management.

### Objectives

The objectives of the programmes are to:

- a. Expose students to the basic principles, theories and practice of public administration.
- b. Equip students with the basic skills of managing public and private enterprises.
- c. Drill the students on blending and applying theories and models with actual practice in the field.
- d. Teach the students the contemporary management skills and practices in public and private organizations

### Scope

The programmes are designed to cover the following:

- e. The theories of organization, with particular reference to public and private organizations;
- f. Research Methodology necessary for the analyses of complex systems and for seeking operational solutions to administrative and management problems;
- g. Management technologies, including the use of sophisticated information systems for the maintenance of an on-going decision-making system; and
- h. Acquisition of knowledge in substantive programme areas, such as urban management, budgeting and financial management and general public management.

As a professional programme, emphasis is placed upon learning those administrative concepts, processes and techniques that are associated with managing public and private businesses. The programme blends the theoretical with the practical and professional perspectives of Public Administration.

### Entry Requirements

1. Graduates of the University of Nigeria or other recognized institutions with a minimum of Second Class Honours in Public Administration with not less than 3.00 GPA or its equivalent.
2. Candidates with honors degree in political science who would have taken a minimum of 24 credit hours in Public Administration.
3. Candidates with Postgraduate Diploma in Public administration at credit level of the University of Nigeria, obtained, with effect from 1994/95 academic session or Upper Credit from other recognized institutions. Serving Senior Administrative/Managerial Staff of the Local and State Governments officially nominated for the programme must have a G.P.A. of at least 3.00 at PGD level of this University. Such a candidate must have served a minimum of five years.

### Mode of Study

The MPA degree Programme offers both Full Time and Part-Time mode of study.

### Duration of Study

#### Master's Degree Programme MPA

- (c) **Full-time:** A Minimum of three (3) Semesters and a maximum of six (6) Semesters
- (d) **Part-time:** A Minimum of six (6) semesters and a maximum of eight (8) semesters.

After their final written examination, candidates will be required to undergo internship for two months. At the end of this internship, they will be required to submit a internship report based on their internship. The internship institution/company will be required to submit its report on the candidate directly to the department under sealed cover. The Department will forward the result of internship programme along with the candidate's other results to the School of Postgraduate Studies.

### Employment Opportunities

The programme provides opportunity for those seeking employment in the public and organized private sector. They also provide opportunity for those interested in international organizations, development partners, NGOs or independent consultants on public affairs and public programme.

### Course Structure

The MPA Programme requires a minimum of 48 credit units made up as follows:

Twelve core courses	36 units
Two elective courses (3 credits each)	6
Project Report	6
<b>Total</b>	<b>48 Units</b>

### Areas of Specialization

There are four (4) areas of specialization in MPA programme in Public Administration, namely:

- Human Resource Management
- Local Government
- Financial Management
- International Administration

### Department of Religion and Cultural Studies

#### Staff

E.N. Chinwokwu (Rev.), Dip. Th. (London) B.A. (Nigeria), M.Th. (Princeton), Ph.D. (Nigeria)	Professor
A. U. Agha (Rev.), D. Th. (Nigeria), B.A., Th.M., M.Ph. (New Jersey), Th.D. (Indiana), Ph.D. (Madison)	Professor
M.I. Okwueze. B.A., M.A., Ph.D. (Nigeria)	Professor
C.O.T. Ugwu, B.A., M.A., Ph.D. (Nigeria)	Professor/Head
H.C. Achunike (Rev. Fr), B.Phil., B.D. (Rome), M.A., Ph.D. (Nigeria)	Professor
S.O. Onyeidu, B.A. (Nigeria), M.Th., M.Litt., Ph.D. (Aberdeen)	Reader (Contract)
Rev. Dr. Ezichi Anya Ituma, B.A., M.A., Ph.D., DSCA (Nigeria)	Senior Lecturer
B. C. D. Diara (Ven.), D. Th., B.A., M.A., Ph.D. (Nigeria)	Senior Lecturer
M.J. Obiorah (Rev. Sr), B.A., LSB, Ph.D. (Rome)	Senior Lecturer
A.B. Okoli, B.Ed., M.A., Ph.D. (Nigeria)	Lecturer I
U.F. Echeta, B.A., M.A., Ph.D (Nigeria)	Lecturer I
D.C. Ononogbu (REV.), B.A., M.A., Ph.D. (Nigeria)	Lecturer I
C.I. Ugwu (Rev. Can.) D.Th., B.A., M.A., Ph.D. (Nigeria)	Lecturer I
O.K. Ngele (Rev.), B.A., M.A., Ph.D. (Nigeria)	Lecturer I
N.G. Onah, B.A., M.A., Ph.D. (Nigeria)	Lecturer I
F. U. Nnadi, B.A., M.A. Ph.D. (Nigeria)	Lecturer I
S.N. Nweze Rev. Can.) B.A., M.A. Ph.D. (Nigeria)	Lecturer I
E.C. Ngwoke (Rev. Fr), B.A., B.Th, M.Th, STL Ph.D. (U.S)	Lecturer II
L.N. Okwuosa (Rev. Fr), B.A., BA, M.A., Ph.D. (Italy)	Lecturer II
C.O. Okwor (Rev.), B.A. M.A. (Nigeria)	Lecturer II
E. Eze (Rev Can.), B.A. M.A. (Nigeria)	Lecturer II
O.G. Chukwuma, B.A. M.A. (Nigeria)	Lecturer II
P.C. Ukeachusim, B.A. M.A. (Nigeria)	Lecturer II
G.C. Nche,	Lecturer II
K.I. Uwaegbute, B.A. M.A. (Nigeria)	Assistant Lecturer
E.C. Anizoba, B.A. M.A. (Nigeria)	Assistant Lecturer
O.D. Odo, B.A. M.A. (Nigeria)	Assistant Lecturer
O.J. Ezeugwu, B.A. M.A. (Nigeria)	Assistant Lecturer
F.C. Uroko, B.A. (Nigeria)	Graduate Assistant
R.N. Nnadi, B.Sc. (Nigeria)	Assist. Exec. Officer
	Assistant Chief
U.I. Ukazim	Typist

#### Brief History

Originally called the Crowther College of Theology, the Department came into existence with the University in 1960, and, in keeping with the philosophy of the University, remains attached to the Faculty of the Social Sciences. This is in itself a notable distinction and the Department has emphasized the application of religious truth to the environment and its place in Nigerian society.

Its philosophy is one with that of the University: to restore the dignity of man. It is concerned with religious aspect of man in society, especially the black man in third world. Religion is studied in its three areas of expression in Nigeria: Judeo-Christian, African and Islamic.

It started with offering a B.A. degree with emphasis in any two of the three stress areas. After the civil war it continued offering an initial degree (B.A) and later undergraduate diploma in Religious Studies and Postgraduate degree at Masters and Doctorate levels with emphasis on Christian Religious Studies. It became one of the service units in offering courses for regular and sandwich B.Ed. degree programmes in Education/ Religion. However, in 2005, the Diploma Programme was scrapped off the undertakings of the Department.

The Department has developed considerably over the years in terms of variety and levels of courses and programmes being offered. Some theological institutions are affiliated to the department namely,

Trinity College, Umuahia, St. Paul's College Awka; Wesley International Theological Seminary Lagos, and Spiritan Theological Seminary, Attakwu. The quality of teaching staff recruited has also considerably improved to meet the growth of the department, but the number of teaching staff needs improvement. The Department also offers Combined Honours degree in the following combinations; Religion and Cultural Studies/Archaeology and Tourism, Religion and Cultural Studies/English & Literary Studies, Religion and Cultural Studies/History & International Relations, Religion and Cultural Studies/Public Administration & Local Government, Religion and Cultural Studies/Social Work, Religion and Cultural Studies/Sociology & Anthropology.

### **Philosophy**

Religion and Cultural Studies is a field of study integrating Judeo-Christianity & African Traditional Religion. In keeping with the philosophy of the University of Nigeria, the programme emphasizes the application of religious truth to the cultural environment of Africa. Students are exposed to the basic theological positions of Islam and other world religions with emphasis on Christianity and this enables man to understand his environment and hence able to master his destiny.

### **Objectives**

The general objectives of the programme are to provide students with adequate knowledge, attitudes, values and skills generic to religion and cultural studies. Specifically the programme is drawn to provide students with basic methods of:

1. Interpreting the Bible and Christian tradition from an African perspective;
2. Explaining ethical relationship in a multi-religious society like Nigeria;
3. Delineating impartial approach towards the handling of religious concepts;
4. Resolving conflict from religious and Afro-cultural standpoints;
5. Handling problems and challenges of religious belief in a science-oriented environment;
6. Explaining the resilience and challenges of African Traditional Religious and Cultural belief in a Christian-dominated environment.

### **Scope**

Religion and Cultural Studies Programme harnesses appropriate knowledge to incorporating students' penchant and interest in the quality as well as cordial human relationship in a multi-religious and morally decadent society. It acquaints students with core contents of Christianity, African Traditional Religion and cultural practices, the basic content of Islam and Eastern Religions. The programme lasts for 3-4 years depending on entry qualification. The Programme is carefully structured to reflect adequately those required areas of knowledge, strengthening the rudiments of Judeo-Christianity and African Traditional Religion. Students are expected to learn the dynamics of religion in a multi-religio-cultural environment as Nigeria. Basic ethical demands in Afro-cultural environment are stressed. In the final year the programme is designed to apply Christian and African Traditional Religious beliefs to conflict resolution. The problems of Early Christianity and the resilience of African Cultural practices are highlighted.

### **Admission Requirements**

There are two modes of entry into the programme subject to the candidate satisfying the University minimum entry requirements.

Applicants for admissions through UME must be holders of the Senior Secondary School Certificate Examination (SSSCE) or its equivalent with five credits including English Language and Christian Religious Knowledge.

For admission by Direct Entry (DE), candidates must have one of the following qualifications:

- (a) Five GCE papers of which three must be credits in ordinary level and two passes in Advanced level including Christian Religious Knowledge.
- (b) Holders of the 2-year Diploma from UNN or other approved Universities,
- (c) A 3 year Diploma of recognized theological Institutions (admitted by Direct Entry for 3 year programme).

The Direct Entry requirement for candidates holding a University of Nigeria, Nsukka Diploma in Religion with not less than a merit Level Pass shall have credit level passes in GCE/SSCE (or their equivalents) in five subjects, which may or may not include Christian Religious Knowledge but with a credit in English Language.

### **Job Opportunities**

Graduates of this Department have opportunities to undertake advance studies in disciplines associated with religious and socio-cultural studies. Consultancy and employment opportunities abound in Bible translation agencies locally and internationally for graduates of Religious and Cultural Studies. Graduates of this programme are also trained to work in corporate bodies, companies and institutions as Public Relations Personnel and other related opportunities which require high ethical principles, as well as in conflict resolution related outfits. With a degree in Religious and Cultural Studies, students gain analytical skills and ability to formulate and defend positions. Thus they are ideal candidates for pursuing a career in business and administration. Jobs more closely related to religious and cultural studies is Lay Minister/ Pastoral Caregiver, Counsellor, Community Advisor, Management Trainer, Customer Services Representative, Community Project Coordinator, Aid Organisation administrator, Government/ Institution Policy Analyst, Peace Corps Officer, Ministry of Arts and Culture. They can also engage in self-employment as consultants.

#### Stress Areas

Foundational Courses	0
Old Testament	1
New Testament	2
Christian History and Doctrine	3
Religion and Society	4
African Traditional Religion	5
Religious Ethics	6
Islamic and Arabic Studies	7
Seminar	8
Project	9

#### Four-Year Standard B.A. Degree Programme in Religion and Cultural Studies

##### First Year

##### First Semester

CODE	TITLE	UNITS
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##### Major Courses

RCS 101	Introduction to the Study of Religion	2
RCS 111	Background of the Old Testament	2
RCS 121	Basic Biblical Greek I	2
RCS 123	The Background of the New Testament	2
RCS 151	Introduction to African Traditional Religion	2

##### General Studies Courses

GSP 101	The Use of English I	2
GSP 111	Use of the Library and Study Skill	2

##### Electives: Choose two Courses

ACH101	Fundamentals of Archaeology	2	2
ECO 101	Principles of Economics I	2	
FRE 101	Elementary French I	2	
PHL101	Introduction to Philosophy I	2	
ANT102	Introduction to Anthropology	4	4or6 20/22

##### Second Semester

CODE	TITLE	UNITS
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##### Major Courses

RCS 102	Field Trip and Tutorial I	2
RCS 112	Introduction to the Study of the Old Testament	2
RCS 122	Basic Biblical Greek II	2
RCS 124	Introduction to the Tradition of Jesus	2
RCS 142	Religion and Human Values	2

##### General Studies Course

GSP 102	The Use of English II	2
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##### Electives: Choose two Courses from the following:

ACH 102	Introduction to Archaeological Methods	2	2
ECO 102	Principles of Economics II	2	
FRE 102	Elementary French II	2	
PHL 102	Introduction to Philosophy II	2	

PSY 103 Determinant of Behaviour	2	4
		18

## Second Year

### First Semester

CODE	TITLE	UNITS
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#### Major Courses

RCS 211	Introduction to Old Testament Hebrew	2
RCS 213	The People of the Old Testament: Their History	2
RCS 223	Geo-Cultural Setting of Palestine	2
RCS 231	Christian History and Doctrine I	2
RCS 251	African Traditional Religion I	2
RCS 261	Religious Ethics I	2

#### General Studies Courses

GSP 105	Natural Science I	2
GSP 201	Peace and Conflict Resolution I	2

**Electives: Choose two Courses from the following. (Those who have shown adequate proficiency in Greek will be required to take RCS 221)**

HIS 111	Nigeria before 1900	2
SOC 203	Sociology of Knowledge, Science and Technology	2
PHL 251	African Philosophy I	2
IGB 201	Intermediate Igbo	2
RCS 201	History of Religions	2
RCS 221	Advanced Biblical Greek I	2
PSY 261	Psychology of Personality	2
		4

20

### Second Semester

CODE	TITLE	UNITS
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#### Major Courses

RCS 204	Field Trip and Tutorial II	2
RCS 206	Problems of Religious Beliefs & History	2
RCS 212	Elements of Hebrew Grammar	2
RCS 214	Exilic and Post-Exilic Israel	2
RCS 224	Traditions of Jesus	2
RCS 272	History of Islam in West Africa	2

#### General Studies Courses

GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution II	2

**Electives: Choose two Courses from the following. (Those who have shown adequate proficiency in Greek will be required to take RCS 222)**

IGB 202	Intermediate Igbo II	2
RCS 202	Basic Concepts in the Study of Religion and Society	2
RCS 208	Introduction to Philosophy of Religion	2
RCS 222	Advanced Biblical Greek II	2
RCS 262	Ethical and Basic Principles of Counselling	2
ECO 211	History of Economic Thought I	3
ACH 212	Human Evolution	4or5

20/21

## Third Year

### First Semester

CODE	TITLE	UNITS
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#### Major Courses

RCS 313	Religion of the Old Testament	2
RCS 321	Earliest Christianity: The Beginnings	2
RCS 323	New Testament Theological Framework	2
RCS 331	History of Christianity in West Africa	2
RCS 301	Religious Interpretation of Society	2
RCS 351	African Traditional Religion II	2

#### Required Ancillary Courses

COS 101	Introduction to Computer Science	2
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CED 341	Courses on Entrepreneurial Development and Research I	2	2
<b>Electives: Choose one Course. (Those who have shown adequate proficiency in Hebrew will be required to take RCS 311)</b>			
HIS 311	Nigeria from 1900 to 1960	2	
RCS 311	Hebrew Grammar and Syntax I	2	
RCS 343	The Relevance of Religion to Man	2	
PHL 351	African Philosophy II	2	2
			18

**Second Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 314	Old Testament Prophets		2
RCS 322	Earliest Christianity: The Life and Work of St. Paul		2
RCS 324	New Testament Text I		2
RCS 332	Christian History and Doctrine II		2
RCS 334	African Church Fathers		2
RCS 362	Religious Ethics II		2
<b>Required Ancillary Courses</b>			
COS 304	Computer Applications		2
CED 342	Courses on Entrepreneurial Development and Research II		2
<b>Electives: Choose one Course. (Those who have shown adequate proficiency in Hebrew will be required to take RCS 312)</b>			
RCS 312	Hebrew Grammar and Syntax II	2	
IGB 332	Aspects of Igbo Culture	2	
RCS 342	Man and His Culture	2	
RCS 344	Religion and Human Values II	2	
RCS 352	African Traditional Religion III	2	
PHL 312	Philosophy of Religion	2	2
			20

**Fourth Year****First Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 413	Literature of the Old Testament I		3
RCS 421	Close of the New Testament Era		3
RCS 431	Christian History and Doctrine III		3
RCS 437	Modern African Religious Thought		3
RCS 481	Departmental Seminar		2
RCS 491	Project Tutorials		1
<b>Electives: Choose one Course</b>			
RCS 411	Hebrew Poetry	2	
RCS 443	Religion and Culture in Contemporary Society	2	
RCS 471	Islamic Ethics	2	
			15

**Second Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 414	Literature of the Old Testament II		3
RCS 416	Pseudo-epigraphic Books of the Old Testament	2	2
RCS 422	New Testament Text II		3
RCS 492	Project		6
<b>Electives: Choose one Course</b>			
RCS 402	Religion and the Nigerian Nation		2
RCS 444	Theodicy		2
RCS 456	Comparative Study of Religion in Africa		2
			20

**Three-Year Degree Programme in Religion and Cultural Studies****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 101	Introduction to the Study of Religions	2
RCS 111	Background of the Old Testament	2
RCS 121	Basic Biblical Greek I	2
RCS 12	The Background of the New Testament	2
RCS 211	Introduction to Old Testament Hebrew	2
RCS 251	African Traditional Religion I	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
GSP 111	Use of the Library and Study Skill	2
GSP 201	Peace and Conflict Resolution I	2
		20
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<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 102	Field Trip and Tutorial I	2
RCS 122	Basic Biblical Greek II	2
RCS 202	Basic Concepts in the Study of Religion and Society	2
RCS 212	Elements of Hebrew Grammar	2
RCS 214	Exilic And Post-Exilic Israel	2
RCS 224	Tradition of Jesus	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution II	2
<b>Electives: Choose one Course:</b>		
ACH 102	Introduction to Archaeological Methods	2
RCS 206	Problems of Religious Beliefs & History	2
		20
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<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 213	The People of the Old Testament: Their History	2
RCS 231	Christian History and Doctrine I	2
RCS 313	The Religion of the Old Testament	2
RCS 321	Earliest Christianity: The Beginning	2
RCS 323	New Testament Theological Framework	2
RCS 351	African Traditional Religion III	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
CED 341	Courses on Entrepreneurial Development and Research I	2
<b>Electives: Choose one Course. (Those who have shown proficiency in Greek and Hebrew will be required to take RCS 221 and RCS 311)</b>		
RCS 201	History of Religions	2
RCS 221	Advanced Biblical Greek I	2
HIS 311	Nigeria: 1900 — 1960	2
RCS 311	Hebrew Grammar and Syntax I	2
RCS 343	The Relevance of Religion to Man	2
		20
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<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 204	Field Trip And Research Tutorial II	2
RCS 314	Old Testament Prophets	2
RCS 322	Earliest Christianity: The Life And Work of St. Paul	2
RCS 324	New Testament Text I	2

RCS 332	Christian History and Doctrine II	2	
RCS.342	Man and His Culture	2	
<b>Required Ancillary Courses</b>			
COS 304	Computers Applications	2	
CED 342	Courses on Entrepreneurial Development and Research II	2	
<b>Electives: Choose two Courses from the following: Those who have shown proficiency in Greek and Hebrew will be required to take RCS 222 and RCS 312</b>			
RCS 222	Advanced Biblical Greek II	2	
SOC 251	Social Change and Social Problems	2	
PSY 261	Psychology of Personality	2	
RCS 272	History of Islam in West Africa	2	
RCS 312	Hebrew Grammar and Syntax II	2	
IGB 332	Aspects of Igbo Culture	3	
RCS 352	African Traditional Religion III	2	4or5
			<hr/> 20/21

**Third Year****First Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 331	History of Christianity in West Africa	2	
RCS 301	Religious Interpretation of Society	2	
RCS 413	Literature of the Old Testament I	3	
RCS 421	Close of the New Testament Era	3	
RCS 431	Christian History and Doctrine III	3	
RCS 481	Departmental Seminar	2	
RCS 491	Project Tutorials	1	
<b>Electives: Choose one Course:</b>			
RCS 411	Hebrew poetry	2	
RCS 443	Religion and Culture in Contemporary Society	2	
RCS 471	Islamic Ethics	2	
			<hr/> 16

**Second semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 362	Religious Ethics II	2	
RCS 414	Literature of the Old Testament II	3	
RCS 416	Pseudo-epigraphic Books of the Old Testament	2	
RCS 422	New Testament Text II	3	
RCS 492	Project	6	
<b>Electives: Choose one Courses from the following:</b>			
RCS 402	Religion and the Nigerian Nation	2	2
RCS 444	Theodicy	2	
RCS 456	Comparative Study of Religion in Africa	2	
			<hr/> 18

**Four-Year Standard Programme****Religion and Cultural Studies/Archaeology & Tourism****First Year****First Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 101	Introduction to the Study of Religion	2	
RCS 111	Background of the Old Testament	2	
RCS 121	Basic Biblical Greek I	2	
RCS 123	The Background of the New Testament	2	
RCS 151	Introducing African Traditional Religion	2	
ACH 101	Fundamentals of Archaeology	2	
TRM 101	Introduction to Tourism	2	
ACH 121	Fundamentals of Civilization	2	
<b>General Studies Courses</b>			
GSP 101	The Use of English I	2	



GSP 111	Use of the Library and Study Skill	2	
		20	
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<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 102	Field Trip and Tutorial I	2	
RCS 112	Background of the Old Testament	2	
RCS 122	Basic Biblical Greek II	2	
RCS 124	Introduction to the Tradition of Jesus	2	
ACH 102	Introduction to Archaeological Methods	2	
ACH 104	Public Archaeology I	2	
ACH 106	Introduction to Museum Studies	2	
<b>General Studies Course</b>			
GSP 102	The Use of English II	2	
		16	
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<b>Second Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 213	The People of the Old Testament: Their History	2	
RCS 223	Geo-Cultural Setting of Palestine	2	
RCS 231	Christian History and Doctrine I	2	
ACH 211	Environmental Archaeology	2	
ACH 235	Artefacts Studies I	2	
TRM 241	Tourism Products and Services	2	
<b>General Studies Courses</b>			
GSP 105	Natural Science I	2	
GSP 201	Peace and Conflict Resolution I	2	
<b>Elective: Choose One Course from the Following:</b>			
RCS 201	History of Religions	2	
RCS 221	Advanced Biblical Greek I	2	2
			18
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<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 204	Field Trip and Tutorial II	2	
RCS 214	Exilic and Post-Exilic Israel	2	
RCS 224	Tradition of Jesus	2	
RCS 251	African Traditional Religion I	2	
TRM 202	Tourism Marketing and Shopping	2	
ACH 212	Human Evolution	2	
ACH 234	Basic Display Techniques	2	
<b>General Studies Courses</b>			
GSP 106	Natural Science II	2	
GSP 202	Peace and Conflict Resolution II	2	
<b>Elective: Choose One Course from the Following:</b>			
RCS 202	Basic Concepts in the Study of Religion and Society	2	
RCS 205	Problems of Religious Beliefs & History	2	
RCS 222	Advanced Biblical Greek II	2	
SWK 224	Functions of Social Work	2	
SWK 228	Social Work in Health Care Setting	2	
SWK 248	Social Work Communication Techniques	2	2
			20
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<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 301	Religious Interpretation of Society	2	
RCS 321	Earliest Christianity: The Beginning	2	

RCS 331	History of Christianity in West Africa	2
RCS 351	African Traditional Religion II	2
ACH 303	Public Archaeology II	2
ACH 321	Ethnography of Africa	2
ACH 333	Museum Outreach	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
CED 341	Courses on Entrepreneurial Development and Research I	2
		18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 314	Old Testament Prophets	2
RCS 322	Earliest Christianity: The Life and Work of St. Paul	2
RCS 324	New Testament text I	2
RCS 332	Christian History and Doctrine II	2
ACH 304	Introduction to Ethno-Archaeology	2
ACH 306	Environmental Impact Assessment	2
ACH 332	Artefacts Studies II	2

**Required Ancillary Courses**

COS 304	Computer Application	2
CED 342	Courses on Entrepreneurial Development and Research II	2
		18

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 413	Literature of the Old Testament I	3
RCS 421	The Close of New Testament Era	3
RCS 481	Departmental Seminar	2
RCS 491	Project Tutorials	1
ACH 421	Archaeology of Nigeria	3
ACH 433	Artefacts Studies III	3

**Elective: Choose One Course from the Following**

RCS 431	Christian History and Doctrine III	3
RCS 443	Religion and Culture in Contemporary Society	2
		2or3
		17/18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 414	Literature of the Old Testament II	2
RCS 416	Pseudo-epigraphic Books of the Old Testament	2
RCS 422	New Testament Texts II	2
RCS 492	Project	6
ACH 402	Theory in Archaeology and Interpretation of Data	3
ACH 422	Africa's Indigenous Knowledge and Technology	2

**Electives: Choose one Course**

RCS 323	New Testament Theological Framework	2
RCS 456	Comparative Study of Religion in Africa	2
		19

**Four-Year Standard Programme****Religion and Cultural Studies/English and Zliterary Studies****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 101	Introduction to the Study of Religion	2
RCS 111	Background of the Old Testament	2
RCS 121	Basic Biblical Greek I	2

RCS 123	The Background of the New Testament	2	
RCS 151	Introduction to African Traditional Religion	2	
ELS 111	Introduction to Oral Literature	3	
ELS 141	Introduction to Fiction	3	
<b>General Studies Courses</b>			
GSP 101	The Use of English I	2	
GSP 111	Use of the Library and Study Skill	2	
		20	
<hr/>			
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 102	Field Trip and Tutorial I	2	
RCS 112	Introduction to the Study of the Old Testament	2	
RCS 122	Basic Biblical Greek II	2	
RCS 124	Introduction to the Traditions of Jesus	2	
ELS 105	Introduction to Nigerian Literature II	3	
ELS 121	Basic Grammar and Composition	3	
<b>General Studies Course</b>			
GSP 102	The Use of English II	2	
		16	
<hr/>			
<b>Second Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 213	The People of the Old Testament	2	
RCS 223	Geo-Cultural Setting of Palestine	2	
RCS 231	Christian History and Doctrine I	2	
RCS 251	African Traditional Religion I	2	
ELS 241	English Literature The Beginnings	3	
ELS 221	Spoken English	3	
<b>General Studies Courses</b>			
GSP 105	Natural Science I	2	
GSP 201	Peace and Conflict Resolution I	2	
<b>Electives : Choose one Course</b>			
RCS 201	History of Religions	2	
RCS 221	Advanced Biblical Greek I	2	
ELS 242	English Literature: The Renaissance Period	3	2or3
ELS 243	English Literature: The Neo-Period	3	
		20/21	
<hr/>			
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 204	Field Trip and Tutorial II	2	
RCS 216	Exilic and Post-Exilic Israel	2	
RCS 224	Traditions of Jesus	2	
RCS 272	History of Islam in West Africa	2	
ELS 222	Intermediate English: Grammar and Composition	3	
ELS 230	Comedy: Moliere to Soyinka	3	
<b>General Studies Courses</b>			
GSP 106	Natural Science II	2	
GSP 202	Peace and Conflict Resolution II	2	
<b>Electives: Choose one Course</b>			
RCS 206	Problems of Religious Beliefs and History	2	
RCS 222	Advanced Biblical Greek II	2	
ELS 212	American Literature: The Modern Period	3	
ELS 214	English Literature: Neo-Classical Period	3	2or3
		20/21	
<hr/>			
<b>Third Year</b>			
<b>First Semester</b>			

CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 313	Religion of the Old Testament	2
RCS 321	Earliest Christianity: The Beginning	2
RCS 323	New Testament Theological Framework	2
RCS 341	Religious Interpretation of Society	2
RCS 351	African Traditional Religion II	2
ELS 344	African Fiction	3
ELS 355	African Poetry	3
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
CED 341	Courses on Entrepreneurial Development and Research I	2
		20
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 314	Old Testament Prophets	2
RCS 322	Earliest Christianity: The Life and Work of St. Paul	2
RCS 324	New Testament Text I	2
RCS 332	Christian History and Doctrine II	2
ELS 324	Morphology and Syntax of English	3
ELS 343	English Literature: Modern Period	3
<b>Required Ancillary Courses</b>		
COS 304	Computer Applications	
CED 342	Courses on Entrepreneurial Development and Research II	2
<b>Electives: Choose one Course</b>		
RCS 362	Religious Ethics II	2
ANT 303	Nigerian Peoples and Culture	3
IGB 332	Aspects of Igbo Culture	3
RCS 342	Man and His Culture	3
PSY 365	Personality Assessment	2
		2or3
		16/17
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 413	Literature of the Old Testament I	3
RCS 421	The Close of the New Testament Era	3
RCS 481	Departmental Seminar	2
RCS 491	Project Tutorials	1
ELS 421	Stylistics	3
ELS 452	Studies in Poetry	3
<b>Electives: Choose one Course</b>		
RCS 431	Christian History and Doctrine III	3
RCS 437	Modern African Religious Thought	3
ELS 411	American and Afro-American Literature	3
ELS 441	Studies in Fiction	3
RCS 443	Religion and Culture in Contemporary Society	2
ELS 447	European Continental Literature	3
RCS 471	Islamic Ethics	2
		17/18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 414	Literature of the Old Testament II	3
RCS 416	Pseudo-epigraphic Books of the Old Testament	2
RCS 422	New Testament Text II	3
RCS 492	Project	6
ELS 433	Studies in Drama	3
ELS 441	Studies in Fiction	3

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**Four-Year Standard Programme****Religion and Cultural Studies/History & International Studies****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 101	Introduction to the Study of Religion	2
RCS 111	Background of the Old Testament	2
RCS 121	Basic Biblical Greek I	2
RCS 123	The Background of the New Testament	2
RCS 151	Introducing African Traditional Religion	2
HIS 101	Introduction to History	2
HIS 111	Nigeria before 1900	3
HIS 121	History of African From 1500-1800	3

**General Studies Courses**

GSP 101	The Use of English I	2
GSP 111	Use of the Library and Study Skill	2
		22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 102	Field Trip and Tutorial I	2
RCS 112	Background of the Old Testament	2
RCS 122	Basic Biblical Greek II	2
RCS 124	Introduction the Traditions of Jesus	2
HIS 102	Introduction to Economic History	2
HIS 122	History of West Africa since 1500	2
HIS 132	Europe from the French Revolution to the Second World War	2

**General Studies Course**

GSP 102	The Use of English II	2
		16

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 213	The People of the Old Testament: Their History	2
RCS 223	Geo-Cultural Setting of Palestine	2
RCS 231	Christian History and Doctrine I	2
RCS 233	Religious Ethics I	2
HIS 213	Diplomatic History of Nigeria Since 1960	2
HIS 233	Europe from the Second World War to the Present	2

**General Studies Course**

GSP 105	Natural Science I	2
GSP 201	Peace and Conflict Resolution I	2

**Electives: Choose one Course**

RCS 201	History of Religions	2
RCS 221	Advanced Biblical Greek I	2
HIS 221	Southern Africa from 1400	2
		18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 204	Field Trip and Tutorial II	2
RCS 214	Exilic and Post-Exilic Israel	2
RCS 224	Tradition of Jesus	2
RCS 251	African Traditional Religion I	2
HIS 222	Africa and European Imperialism	3
HIS 224	Economic History of West Africa in 19 <sup>th</sup> and 20 <sup>th</sup> Centuries	3

**General Studies Course**

GSP 106	Natural Science II	2	
GSP 202	Peace and Conflict Resolution II	2	
<b>Electives: Choose one Course</b>			
RCS 202	Basic Concepts in the Study of Religion and Society	2	
RCS 205	Problems of Religious Beliefs & History	2	2
RCS 222	Advanced Biblical Greek II	2	
ECO 211	History of Economic Thought I	3	
HIS 226	African Women in History	2	
SOC 251	Social Change and Social Problems	3	2or3
			<hr/> 20/21

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 301	Religious Interpretation of Society	2
RCS 321	Earliest Christianity: The Beginning	2
RCS 351	African Traditional Religion II	2
HIS 311	Nigeria From 1900-1960	3
HIS 321	Africa and the wider World in the 20 <sup>th</sup> Century	2
HIS 361	Historiography	3
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
CED 341	Courses on Entrepreneurial Development and Research I	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 314	Old Testament Prophets	2
RCS 322	Earliest Christianity: The Life and Work of St. Paul	2
RCS 324	New Testament text I	2
RCS 332	Christian History and Doctrine II	2
HIS 302	History of the Commonwealth	2
HIS 322	Problems and Prospects of Regional Economic Development in Africa	3
HIS 332	Russia since 1917	3
<b>Required Ancillary courses</b>		
COS 304	Computer Application	2
CED 342	Courses on Entrepreneurial Development and Research II	2
		<hr/> 20

**Fourth Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 413	Literature of the Old Testament I	3
RCS 421	The Close of New Testament Era	3
RCS 481	Departmental Seminar	2
RCS 491	Project Tutorials	1
HIS 401	Development of Parliamentary Systems	3
HIS 411	Nigeria from 1970 to Present	2
HIS 412	Economic History of Nigeria in the 20 <sup>th</sup> Century	2
<b>Electives: Choose one Course</b>		3
RCS 431	Christian History and Doctrine III	2
RCS 443	Religion and Culture in Contemporary Society	2
RCS 471	Islamic Ethics	3
HIS 415	Igboland to the Present	2or3
		<hr/> 18/19

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		

RCS 414	Literature of the Old Testament II	2	
RCS 416	Pseudo-epigraphic Books of the Old Testament	2	
RCS 422	New Testament Texts II	2	
RCS 492	Project	6	
HIS 404	Philosophy of History	2	
HIS 422	Africa since 1800	2	
<b>Electives: Choose one Course</b>			
RCS 323	New Testament Theological Framework	2	2
RCS 456	Comparative Study of Religion in Africa	2	
HIS 406	Conflict, War and Peace since 1900	2	
SOC 251	Social Change and Social Problems	2	

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#### Four-Year Standard Programme

#### Religion and Cultural Studies/Mass Communication

#### First Year

##### First Semester

CODE	TITLE	UNITS
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##### Major Courses

RCS 101	Introduction to the Study of Religion	2
RCS 111	Background of the Old Testament	2
RCS 121	Basic Biblical Greek I	2
RCS 123	The Background of the New Testament	2
RCS 151	Introducing African Traditional Religion	2
MAC101	Introduction to Mass Communication	4
MAC111	Element of Journalistic Style	2

##### General Studies Courses

GSP 101	The Use of English I	2
GSP 111	Use of the Library and Study Skill	2

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##### Second Semester

CODE	TITLE	UNITS
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##### Major Courses

RCS 102	Field Trip and Tutorial I	2
RCS 112	Introduction to the Study of the Old Testament	2
RCS 122	Basic Biblical Greek II	2
RCS 124	Introduction the Traditions of Jesus	2
MAC102	African Communication System	4
MAC112	Writing for the Mass	2

##### General Studies Course

GSP 102	The Use of English II	2
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#### Second Year

##### First Semester

CODE	TITLE	UNITS
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##### Major Courses

RCS 213	The People of the Old Testament: Their History	2
RCS 223	Geo-Cultural Setting of Palestine	2
RCS 231	Christian History and Doctrine I	2
MAC241	Principles of Public Relations	2
MAC 201	Theories of Mass Communication	2
MAC261	Introduction to Film	2

##### General Studies Course

GSP 105	Natural Science I	2
GSP 201	Peace and Conflict Resolution I	2

##### Electives: Choose one Course:

RCS 201	History of Religions	2	
RCS 221	Advanced Biblical Greek I	2	
RCS 251	African Traditional Religion I	2	
MAC211	Critical and Review Writing	2	2

		18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 204	Field Trip and Tutorial II	2
RCS 214	Exilic and Post-Exilic Israel	2
RCS 224	Tradition of Jesus	2
MAC202	Media and Society	2
MAC 222	Principles of Broadcasting	2
MAC242	Principles of Advertising	2
<b>General Studies Course</b>		2
GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution II	2
<b>Electives: Choose one Course:</b>		
RCS 202	Basic Concepts in the Study of Religion and Society	2
RCS 205	Problems of Religious Beliefs & History	2
RCS 222	Advanced Biblical Greek II	2
MAC204	Information and Communication Technology	2
		20
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 321	Earliest Christianity: The Beginning	2
RCS 341	Religious Interpretation of Society	2
RCS 351	African Traditional Religion II	2
MAC301	Development Journalism	2
MAC325	Radio/ TV Programme Writing and Production	2
MAC361	Photojournalism	2
MAC333	Fundamentals of Book Publishing	2
<b>Required Ancillary Course</b>		
COS 101	Introduction to Computer Science	2
CED 341	Courses on Entrepreneurial Development and Research I	2
		18
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 322	Earliest Christianity: The Life and Work of St. Paul	2
RCS 324	New Testament text I	2
RCS 332	Christian History and Doctrine II	2
MAC302	Specialized Report	2
MAC334	Magazine Production	2
MAC332	Newspaper Production	2
<b>Required Ancillary course</b>		
COS 304	Computer Application	2
CED 342	Courses on Entrepreneurial Development and Research II	2
		16
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 413	Literature of the Old Testament I	3
RCS 421	The Close of New Testament Era	3
RCS 481	Departmental Seminar	2
RCS 491	Project Tutorials	1
MAC401	Mass Communication Law and Ethics	2
MAC431	Advanced Newspaper Production	2
MAC441	Advanced Public Relations	2
<b>Electives: Choose one Course:</b>		



RCS 431	Christian History and Doctrine III	3	
RCS 443	Religion and Culture in Contemporary Society	2	2or3
RCS 471	Islamic Ethics	2	
MAC403	International Communications	2	
MAC423	Station Management and Operations	2	
			<hr/> 18/19

**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

RCS 414	Literature of the Old Testament II	2	
RCS 416	Pseudo-epigraphic Books of the Old Testament	2	
RCS 422	New Testament Texts II	2	
RCS 492	Project	6	
MAC402	Media Management	2	
MAC442	Advanced Advertising	2	
MAC462	Documentary Film Production	2	

**Electives: Choose one Course:**

RCS 323	New Testament Theological Framework	2	
RCS 456	Comparative Study of Religion in Africa	2	2
MAC422	Broadcast Seminar	2	
			<hr/> 20

**Four-Year Standrd Programme****Religion and Cultural Studies/Public Administration and Local Government****First Year****First Semester**

CODE	TITLE		UNITS
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**Major Courses**

RCS 101	Introduction to the Study of Religion	2	
RCS 111	Background of the Old Testament	2	
RCS 121	Basic Biblical Greek I	2	
RCS 123	The Background of the New Testament	2	
RCS 151	Introducing African Traditional Religion	2	
PUB 101	Introduction to Public Administration I	3	
LGS 101	Introduction to Local Government	3	

**General Studies Courses**

GSP 101	The Use of English I	2	
GSP 111	Use of the Library and Study Skill	2	
			<hr/> 20

**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

RCS 102	Field Trip and Tutorial I	2	
RCS 112	Background of the Old Testament	2	
RCS 122	Basic Biblical Greek II	2	
RCS 124	Introduction the Traditions of Jesus	2	
PUB 102	Introduction to Public Administration II	2	
PUB 103	Principles of Management	2	
PUB 105	Introduction to Organisations	2	

**General Studies Course**

GSP 102	The Use of English II	2	
			<hr/> 16

**Second Year****First Semester**

CODE	TITLE		UNITS
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**Major Courses**

RCS 213	The People of the Old Testament: Their History	2	
RCS 223	Geo-Cultural Setting of Palestine	2	
RCS 231	Christian History and Doctrine I	2	

PUB 222	Administration and Environment	2	
PUB 251	Introduction to Human Resources Management	3	
<b>General Studies Courses</b>			
GSP 105	Natural Science I	2	
GSP 201	Peace and Conflict Resolution I	2	
<b>Electives: Choose one Course</b>			
RCS 201	History of Religions	2	
RCS 221	Advanced Biblical Greek I	2	
PUB 221	Nigerian Public Administration	3	
PUB 231	Nigerian Government I	2	2or3
			17/18
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<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 204	Field Trip and Tutorial II	2	
RCS 214	Exilic and Post-Exilic Israel	2	
RCS 224	Tradition of Jesus	2	
RCS 251	African Traditional Religion I	2	
PUB 241	Introduction to Public Financial Administration	3	
PUB 224	Comparative Public Administration	3	
<b>General Studies Courses</b>			
GSP 106	Natural Science II	2	
GSP 202	Peace and Conflict Resolution II	2	
<b>Electives: Choose one Course:</b>			
RCS 202	Basic Concepts in the Study of Religion and Society	2	
RCS 205	Problems of Religious Beliefs & History	2	2
RCS 222	Advanced Biblical Greek II	2	
PUB 232	Nigerian Government II	2	
LGS 232	Theories of Community Development	2	
			20
			<hr/>
<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 301	Religious Interpretation of Society	2	
RCS 321	Earliest Christianity: The Beginning	2	
RCS 331	History of Christianity in West Africa	2	
RCS 351	African Traditional Religion II	2	
PUB 311	Administrative Theory and Practice I	3	
PUB 351	Public Personnel Administration	3	
<b>Required Ancillary Courses</b>			
COS 101	Introduction to Computer Science	2	
CED 341	Courses on Entrepreneurial Development and Research I	2	
			18
			<hr/>
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 314	Old Testament Prophets	2	
RCS 322	Earliest Christianity: The Life and Work of St. Paul	2	2
RCS 324	New Testament text I	2	
RCS 332	Christian History and Doctrine II	2	
PUB 323	Project Management	3	
PUB 332	Inter-Governmental Relations in Nigeria	3	
<b>Required Ancillary Courses</b>			
COS 304	Computer Application	2	
CED 342	Courses on Entrepreneurial Development and Research II	2	
			18
			<hr/>
<b>Fourth Year</b>			
<b>First Semester</b>			

CODE	TITLE	UNITS
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**Major Courses**

RCS 413	Literature of the Old Testament I	3
RCS 421	The Close of New Testament Era	3
RCS 481	Departmental Seminar	2
RCS 491	Project Tutorials	1
PUB 431	Public Policy Analysis	3
PUB 432	Bureaucracy and Policy Process	3

**Electives: Choose one Course**

RCS 431	Christian History and Doctrine III	3
RCS 443	Religion and Culture in Contemporary Society	2
RCS 471	Islamic Ethics	2
PUB 451	Manpower Planning and Development	3
PUB 441	Budgeting and Budgetary Processes	3

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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 414	Literature of the Old Testament II	2
RCS 416	Pseudo-epigraphic Books of the Old Testament	2
RCS 422	New Testament Texts II	2
RCS 492	Project	6
PUB 411	Theories of Development	3
LGS 432	Management Problems in the Local Government System in Nigeria	3

**Electives: Choose one Course**

RCS 323	New Testament Theological Framework	2
RCS 456	Comparative Study of Religion in Africa	2
		2/3
PUB 424	Information and Communication Management	3
PUB 426	Public Administration Ethics	3

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**Four-Year Standard Programme****Religion and Cultural Studies/Social Work****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 101	Introduction to the Study of Religion	2
RCS 111	Background of the Old Testament	2
RCS 121	Basic Biblical Greek I	2
RCS 123	The Background of the New Testament	2
RCS 151	Introducing African Traditional Religion	2
SWK 101	Introduction to Social Work	2
SWK 111	Communication in Social Work	2
SWK 121	Social Deviance and Systems Organisation	2

**General Studies Courses**

GSP 101	The Use of English I	2
GSP 111	Use of the Library and Study Skill	2

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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 102	Field Trip and Tutorial I	2
RCS 112	Background of the Old Testament	2
RCS 122	Basic Biblical Greek II	2
RCS 124	Introduction the Traditions of Jesus	2
SWK 102	Human Behaviour and the Social Environment	3
SWK 122	Philosophy and Ethics of Social Work	2

**General Studies Course**

GSP 102	The Use of English II	2
		15

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 213	The People of the Old Testament: Their History	2
RCS 223	Geo-Cultural Setting of Palestine	2
RCS 231	Christian History and Doctrine I	2
SWK 203	Elements of Scientific Thought for Social Workers	2 2
SWK 231	Crime, Delinquency and the Quality of Life	2
SWK 245	Field Work Practice: Social Analysis in Case Work	2 2

**General Studies Courses**

GSP 105	Natural Science I	2
GSP 201	Peace and Conflict Resolution I	2

**Electives: Choose one Course**

RCS 201	History of Religions	2
RCS 221	Advanced Biblical Greek I	2
SWK 251	Community Development	2 2
		18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 204	Field Trip and Tutorial II	2
RCS 214	Exilic and Post-Exilic Israel	2
RCS 224	Tradition of Jesus	2
RCS 251	African Traditional Religion I	2
SWK 214	Death, Loss and Grief	2
SWK 242	Social Work Intervention with Families	2
SWK 244	Social Work in Rehabilitation	2

**General Studies Courses**

GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution II	2

**Electives: Choose one Course:**

RCS 202	Basic Concepts in the Study of Religion and Society	2
RCS 205	Problems of Religious Beliefs & History	2
RCS 222	Advanced Biblical Greek II	2
SWK 224	Functions of Social Work	2
SWK 228	Social Work in Health Care Setting	2
SWK 248	Social Work Communication Techniques	2 2
		20

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 301	Religious Interpretation of Society	2
RCS 321	Earliest Christianity: The Beginning	2
RCS 351	African Traditional Religion II	2
SWK 301	Orphans and Vulnerable Children Services	2
SWK 313	Communities Mental Health	2
SWK 353	Social Work and Mental Health	2
SWK 345	Field Work Practice: Social Analysis in Groups Work	3

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
CED 341	Courses on Entrepreneurial Development and Research I	2
		19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 314	Old Testament Prophets	2
RCS 322	Earliest Christianity: The Life and Work of St. Paul	2
RCS 324	New Testament text I	2
RCS 332	Christian History and Doctrine II	2
SWK 320	Social Work and Social Problems	2
SWK 328	Dynamics of Social Functioning	2
SWK 348	Social Work and the Elderly	2
SWK 346	Field Work: Problem Solving and Evaluation in Group Work	3
<b>Required Ancillary Courses</b>		
COS 304	Computer Application	2
CED 342	Courses on Entrepreneurial Development and Research II	2
		<hr/> 21

#### Fourth Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 413	Literature of the Old Testament I	3
RCS 421	The Close of New Testament Era	3
RCS 481	Departmental Seminar	2
RCS 491	Project Tutorials	1
SWK 421	International Social Work	3
SWK 442	Methods of Social Work Practice	3
<b>Electives: Choose one Course:</b>		
RCS 431	Christian History and Doctrine III	3
RCS 443	Religion and Culture in Contemporary Society	2
RCS 471	Islamic Ethics	2
SWK 451	Community Development Practice	3
SWK 413	Social Work and the Law	2
SWK 431	Ethno-Cultural Relations and the Nigerian State	2
SWK 447	Social Work Practice with Children	2
		<hr/> 2or3 17/18

##### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 414	Literature of the Old Testament II	2
RCS 416	Pseudo-epigraphic Books of the Old Testament	2
RCS 422	New Testament Texts II	2
RCS 492	Project	6
SWK 434	Social Work Legislation and Policy	3
SWK 442	Generalist Approach in Social Work	2
<b>Electives: Choose one Course:</b>		
RCS 323	New Testament Theological Framework	2
RCS 456	Comparative Study of Religion in Africa	2
SWK 454	Clinical Social Work Practice, Psychotherapy and Trauma	3
SWK 406	Models of Family Therapy	2
		<hr/> 2or3 19/20

#### Four-Year Standards Programme

##### Religion and Cultural Studies/Sociology and Anthropology

##### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 101	Introduction to the Study of Religion	2
RCS 111	Background of the Old Testament	2
RCS 121	Basic Biblical Greek I	2
RCS 123	The Background of the New Testament	2
RCS 151	Introduction to African Traditional Religion	2
ANT102	Introduction to Anthropology	4
SOC 101	Introduction to Sociology	2

**General Studies Courses**

GSP 101	Use of English I	2
GSP 105	Natural Science I	2
GSP 111	Use of the Library and Study Skill	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 102	Field Trip and Tutorial I	2
RCS 112	Introduction to the Study of the Old Testament	2
RCS 122	Basic Biblical Greek II	2
RCS 124	Introduction to the Tradition of Jesus	2
RCS 142	Religion and Human Values	2
ANT 121	Language in Society and Culture	2
SOC 102	Introduction to Sociology II	2

**General Studies Courses**

GSP 102	Use of English II	2
GSP106	Natural Science II	2
		<hr/> 18

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 211	Introduction to Old Testament Hebrew	2
RCS 213	The People of the Old Testament: Their History	2
RCS 223	Geo-Cultural Setting of Palestine	2
RCS 251	African Traditional Religion I	2
ANT 201	History of Anthropology And Sociology Thought	4
SOC 203	Sociology of Knowledge, Science and Technology	2
SOC 221	Criminology and Penology	3

**General Studies Course**

GSP 201	Peace and Conflict Resolution I	2
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**Electives: Choose one Course**

**(Those who have shown adequate proficiency in Greek will be required to take RCS 221)**

HIS 111	Nigeria before 1900	2
PHL 251	African Philosophy I	2
IGB 201	Intermediate Igbo	2
RCS 201	History of Religions	2
RCS 221	Advanced Biblical Greek I	2
PSY 261	Psychology of Personality	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 206	Problems of Religious Beliefs & History	2
RCS 212	Elements of Hebrew Grammar	2
RCS 214	Exilic and Post-Exilic Israel	2
RCS 224	Traditions of Jesus	2
ANT 212	African Social Institutions	4
SOC 251	Social Change and Social Problems	3
SOC 211	Sociology of the Family	3

**General Studies Course**

GSP 202	Peace and Conflict Resolution II	2
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**Electives: Choose one Course.**

**(Those who have shown adequate proficiency in Greek will be required to take RCS 222)**

IGB 202	Intermediate Igbo II	2
RCS 202	Basic Concepts in the Study of Religion and Society	2
RCS 208	Introduction to Philosophy of Religion	2 2or3

RCS 222	Advanced Biblical Greek II	2	
RCS 262	Ethical and Basic Principles of Counselling	2	
ECO 211	History of Economic Thought I	3	
ACH 212	Human Evolution	2	
			<hr/> 22/23
<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 313	Religion of the Old Testament	2	
RCS 321	Earliest Christianity: The Beginnings	2	
RCS 323	New Testament Theological Framework	2	
RCS 341	Religious Interpretation of Society	2	
RCS 351	African Traditional Religion II	2	
SOC 301	Sociological Theory and Analysis		
SOC 322	Systems of Social Inequality	2	
<b>Required Ancillary Course</b>			
COS 101	Introduction to Computer Science		2
CED 341	Courses on Entrepreneurial Development and Research I	2	2
<b>Electives: Choose one Course:</b>			
<i>(Those who have shown adequate proficiency in Hebrew will be required to take RCS 311)</i>			
HIS 311	Nigeria from 1900 to 1960	2	
RCS 311	Hebrew Grammar and Syntax I	2	
RCS 331	History of Christianity in West Africa	2	2
RCS 343	The Relevance of Religion to Man	2	
PHL 351	African Philosophy II	2	
			<hr/> 18
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 314	Old Testament Prophets	2	
RCS 322	Earliest Christianity: The Life and Work of St. Paul	2	
RCS 324	New Testament Text I	2	
RCS 332	Christian History and Doctrine II	2	
RCS 362	Religious Ethics II	2	
SOC 328	Political Sociology	2	
SOC 354	Contemporary African Social Thought	2	
<b>Required Ancillary Courses</b>			
COS 304	Computer Applications		2
CED 342	Courses on Entrepreneurial Development and Research II		2
<b>Electives: Choose one Course</b>			
<i>(Those who have shown adequate proficiency in Hebrew will be required to take RCS 312)</i>			
RCS 312	Hebrew Grammar and Syntax II	2	
RCS 342	Man and His Culture	2	
RCS 344	Religion and Human Values II	2	
RCS 352	African Traditional Religion III	2	2
			<hr/> 20
<b>Fourth Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
RCS 413	Literature of the Old Testament I		3
RCS 421	Close of the New Testament Era		3
RCS 481	Departmental Seminar		2
RCS 491	Project Tutorials		1
ANT 421	Race and Ethnic Relations		4
ANT 432	Urban Sociology and Anthropology		4

SOC 432	Industrial Sociology	3
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 414	Literature of the Old Testament II	3
RCS 422	New Testament Text II	3
RCS 492	Project	6
ANT 411	Comparative African Social Institutions	4
SOC 451	Sociology of Development	4
		<hr/> 20

**Four-Year Standard Programme****Education/Religion and Cultural studies****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 101	Introduction to the Study of Religion	2
RCS 111	Background of the Old Testament	2
RCS 123	The Background of the New Testament	2
RCS 151	Introducing African Traditional Religion	2
EDU 102	History of Education	2
EDU 211	Educational Psychology I	2

**Required Ancillary Course**

COS 101	Introduction to Computer Science	2
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**General Studies Courses**

GSP 101	The Use of English I	2
		<hr/> 16

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 112	Introduction to the Study of the Old Testament	2
RCS 124	Introduction to the Tradition of Jesus	2
RCS 204	Field Trip and Tutorial II	2
EDU 201	Philosophy of Education	2
EDU 205	Sociology of Education	2
EDU 323	Pre-School Education	2

**General Studies Courses**

GSP 102	The Use of English II	2
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**Required Ancillary Course**

COS 304	Computer Applications	2
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**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 201	History of Religions	2
RCS 213	The People of O.T.: Their History	2
RCS 223	Geo-Cultural Setting of Palestine	2
RCS 231	Christian History and Doctrine I	2
RCS 251	African Traditional religion	2
RCS 261	Religious Ethics I	2
EDU 221	Curriculum Theory and Planning	2

**General Studies Course**

GSP 105	Natural Science I	2
GSP 201	Peace and Conflict Resolution I	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 206	Problems of Religious Beliefs and Thought	2
RCS 214	Exilic and Past-Exilic Israel	2
RCS 224	Traditions of Jesus	2
RCS 272	History of Islam in West Africa	2
EDU 222	Special Methods	3
EDU 224	Educational Technology	2
EDU 311	Educational Psychology II	2

**General Studies Course**

GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution II	2
		<hr/> 19

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 313	Religion of the Old Testament	2
RCS 321	Earliest Christianity: The Beginning	2
RCS 323	New Testament Theological Framework	2
RCS 331	History of Christianity in West Africa	2
RCS 351	African Traditional Religion II	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3
EDU 411	Educational Psychology III	2
		<hr/> 18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 314	Old Testament Prophets	2
RCS 322	Earliest Christianity: The Life and Work of St. Paul	2
RCS 324	New Testament Text I	2
RCS 332	Christian History and Doctrine II	2
EDU 321	Curriculum Implementation & Instruction	3

**Electives: Choose two Courses**

EDU 219	Principles of Behaviour Modification	2	
EDU 318	Behaviour Modification II	2	
EDU 323	Pre-school Education	2	
RCS 344	Man and His Culture	2	4
			<hr/> 15

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 413	Literature of the Old Testament I	3
RCS 421	Close of the New Testament Era	3
RCS 431	Christian History and Doctrine III	3
RCS 481	Departmental Seminar	2
EDU 425	Teaching Practice II	3

**Elective Choose One Course from the Following:**

RCS 407	Modern African Thought	3
RCS 443	Religion and Culture in Contemporary Society	3
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 414	Literature of the Old Testament II	3
RCS 416	Pseudo-epigraphic Books of the Old Testament	2
RCS 422	New Testament Texts II	3
EDU 204	Environmental Education	2

EDU 433	Classroom Organization and Management	2
EDU 441	Measurement and Evaluation	2
EDU 451	Research Project	4
		18

**Three-Year Standard Programme****Education/Religion and Cultural Studies****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 101	Introduction to the Study of Religions	2
RCS 111	Background of the Old Testament	2
RCS 123	The Background of the New Testament	2
EDU 101	Introduction to Education	2
EDU 102	History of Education	2
EDU 211	Education Psychology I	2
EDU 221	Curriculum Theory and Planning	2

**Required Ancillary Course**

COS 101	Introduction to Computer Science	2
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**General Studies Courses**

GSP 101	The Use of English I	2
GSP 105	Natural Science I	2
		20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 112	Introduction to the Old Testament	2
RCS 124	Introduction to the Traditions of Jesus	2
RCS 204	Field Trip and Tutorial II	2
RCS 214	Exilic and Post-Exilic Israel	2
EDU 222	Special Methods	3
EDU 224	Educational Technology	2

**General Studies Courses**

GSP 102	The Use of English II	2
GSP 106	Natural Science II	2

**Required Ancillary course**

COS 304	Computer Applications	2
		19

**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 213	The People of the Old Testament: Their History	2
RCS 224	Traditions of Jesus	2
RCS 313	Religion of the Old Testament	2
RCS 321	Earliest Christianity: The Beginning	2
RCS 341	Religious Interpretation of Society	2
RCS 351	African Traditional Religion II	2
EDU 325	Teaching Practice I	3
EDU 341	Research Methods, Statistics and Computer Usage	3
EDU 431	Education Administration	2

**General Studies Courses**

GSP 201	Peace and Conflict Resolution I	2
		22

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

RCS 314	Old Testament Prophets	2
RCS 322	Earliest Christianity: Life and Work of St. Paul	2

RCS 324	New Testament Text I	2
RCS 332	Christian History and Doctrine II	2
RCS 342	Man and His Culture	2
EDU 311	Education Psychology II	2
EDU 321	Curriculum Implementation & Instruction	2
EDU 433	Classroom Organization and Management	2
<b>General Studies Course</b>		
GSP 202	Peace and Conflict Resolution II	2
		18

**Third Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 323	New Testament Theological Framework	2
RCS 413	Literature of the Old Testament I	3
RCS 421	Close of the New Testament Era	3
RCS 431	Christian History and Doctrine III	3
RCS 481	Departmental Seminar	2
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
		18

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 314	Old Testament Prophets	2
RCS 362	Religious Ethics II	2
RCS 414	Literature of the Old Testament II	3
RCS 422	New Testament Texts II	3
EDU 441	Measurement and Evaluation	2
EDU 451	Project	4
<b>Electives: Choose one Course</b>		
RCS 416	Pseudo-epigraphic Books of the Old Testament	3
RCS 444	Theodicy	3
		22

**Two-Year Standard Programme****Education/Religion and Cultural Studies****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 213	The People of the Old Testament: Their History	2
RCS 225	Traditions of Jesus	2
RCS 251	African Traditional Religion II	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	2
EDU 222	Special Methods	3
EDU 341	Research Methods, Statistics and Computer Usage	3
<b>Required Ancillary Course</b>		
COS 101	Introduction to Computer science	2
<b>General Studies Courses</b>		
GSP 105	Natural Science I	2
GSP 201	Peace and Conflict Resolution I	2
		22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 314	Old Testament Prophets	2
RCS 322	Earliest Christianity: The Life and Work of St. Paul	2
RCS 324	New Testament Text I	2

RCS 332	Christian History and Doctrine II	2
EDU 205	Sociology of Education	2
EDU 224	Educational Technology	2
EDU 311	Educational Psychology II	2
EDU 321	Curriculum Implementation & Instruction	2
<b>General Studies Courses</b>		
GSP 106	Natural Science II	2
GSP 202	Peace and Conflict Resolution II	2
<b>Required Ancillary Course</b>		
COS 304	Computer Applications	2
		<hr/> 22

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 413	Literature of the Old Testament I	3
RCS 421	Close of the New Testament Era	3
RCS 431	Christian History and Doctrine III	3
RCS 461	Departmental Seminar	2
EDU 102	History of Education	2
EDU 341	Research Method, Statistics and Computer Usage	3
EDU 411	Educational Psychology III	2
EDU 431	Educational Administration	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
RCS 272	History of Islam in West Africa	2
RCS 414	Literature of the Old Testament II	3
RCS 422	New Testament Texts II	3
RCS 456	Comparative Study of Religion in Africa	2
EDU 201	Philosophy of Education	2
EDU 433	Classroom Organization and Management	2
EDU 441	Measurement and Evaluation	2
EDU 451	Research Project	4
		<hr/> 20

**Philosophy and Religion****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
PHL 121	Introduction to Ethics I	2
PHL 101	Introduction to Philosophy I	2
PHL 131	Introduction to Logic I	2
PHL 141	History of Philosophy I (Ancient)	2
RCS101	Introduction to the Study of Religion	2
RCS111	Background of the Old Testament	2
RCS123	The Background of the New Testament	2
RCS151	Introduction to African Traditional Religion	2
<b>General Studies Courses</b>		
GSP 101	Use of English I	2
GSP 105	Natural Science I	2
GSP 111	Use of the Library and Study Skill	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
PHL 102	Introduction to Philosophy II	2
PHL 132	Introduction to Logic II	2

PHL 161	Introduction to Social and Political Phil.	2
RCS102	Field Trip and Tutorial I	2
RCS112	Introduction to the Study of the Old Testament	2
RCS124	Introduction to the Tradition of Jesus	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
GSP 106	Natural Science II	2
		16
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PHL 211	Introduction to Metaphysics I	
PHL 231	Epistemology I	
PHL 242	History of Philosophy I	
PHL 251	African Philosophy	
RCS213	The People of the Old Testament: Their History	2
RCS223	Geo-Cultural Setting of Palestine	2
RCS231	Christian History and Doctrine I	2
RCS251	African Traditional Religion I	2
RCS261	Religious Ethics I	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
FSS 201	Statistics for Social Sciences I	2
GSP 201	Peace and Conflict Resolution I	2
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PHL 222	Ethics II	
PHL 232	Symbolic Logic	
PHL 234	Philosophy of Education	
PHL 272	Topics in Practical Philosophy I	
RCS214	Exilic and Post-Exilic Israel	2
RCS224	Traditions of Jesus	2
<b>Required Ancillary Courses</b>		
COS 304	Computer Application	2
FSS 202	Statistics for Social Sciences II	2
GSP 202	Peace and Conflict Resolution II	2
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PHL 312	Metaphysics II	
PHL 323	Aesthetics	
PHL 352	African Philosophy II	
PHL 362	Political and Social Philosophy	
RCS313	Religion of the Old Testament	2
RCS321	Earliest Christianity: The Beginnings	2
RCS323	New Testament Theological Framework	2
RCS351	African Traditional Religion II	2
<b>General Studies Courses</b>		
GSP 207	Humanities I	2
CED 341	Courses on Entrepreneurial Development and Research I	2
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		

PHL 333	Philosophy of Religion	2
PHL 334	Epistemology II	2
PHL 336	Marxist Philosophy	2
PHL 335	Philosophy of Language	2
RCS314	Old Testament Prophets	2
RCS322	Earliest Christianity: The Life and Work of St. Paul	2
RCS324	New Testament Text I	2
RCS332	Christian History and Doctrine II	2
RCS362	Religious Ethics II	2
<b>General Studies Courses</b>		
GSP 208	Humanities II	2
CED 341	Courses on Entrepreneurial Development and Research II	2
		<hr/> 22

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

PHL 414	Philosophy of Mind I	
PHL 424	Contemporary Issue in Ethics	
PHL 445	Contemporary Philosophy	
RCS413	Literature of the Old Testament I	3
RCS421	Close of the New Testament Era	3
RCS431	Christian History and Doctrine III	3
RCS481	Departmental Seminar	2
Elective 2/3 Units from Philosophy		2or3

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

PHL 437	Philosophy of Science	
PHL 438	Philosophy of Social Science	
PHL 464	Philosophy of Law	
PHL 472	Seminar	
RCS414	Literature of the Old Testament II	3
RCS422	New Testament Text II	3
PHL 481	Project	6

**Political Science and Religion****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

POL 101	Introduction to Political Science I	2
POL 114	Nigerian Legal System I	2
RCS 101	Introduction to the Study of Religion	2
RCS 111	Background of the Old Testament	2
RCS123	The Background of the New Testament	2
RCS151	Introducing African Traditional Religion	2

**General Studies Course**

GSP 101	Use of English I	2
GSP 105	Natural Science I	2
GSP 111	Use of the Library and Study Skill	2
Elective: Choose any Foreign Language		2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

POL 101	Introduction to Political Science II	2
POL 115	Nigerian Legal System II	2
RCS 102	Field Trip and Tutorial I	2

RCS 112	Introduction to the Study of the Old Testament	2	
RCS124	Introduction to the Tradition of Jesus	2	
<b>General Studies Course</b>			
GSP 102	Use of English I	2	
GSP 106	Natural Science I	2	
<b>Elective</b>			
	Any foreign Language	2	
		16	
<hr/>			
<b>Second Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
POL 201	Introduction to Political Analysis I	2	
POL 221	Introduction to International Relations	3	
RCS213	The People of the Old Testament: Their History	2	
RCS223	Geo-Cultural Setting of Palestine	2	
RCS231	Christian History and Doctrine I	2	
RCS251	African Traditional Religion I	2	
RCS261	Religious Ethics I	2	
<b>Required Ancillary Courses</b>			
FSS 201	Statistics for Social Sciences I	2	
GSP 201	Peace and Conflict Resolution I	2	
<b>Electives 4 Units</b>			
SOC 101	Introduction to Sociology	2	
PSY 101	Introduction to Psychology	2	
		23	
<hr/>			
Second Semester			
CODE	TITLE		UNITS
<b>Major Courses</b>			
POL 241	Foundations of Political Economy	2	
POL 251	Political Ideas	2	
RCS206	Problems of Religious Beliefs & History	2	
RCS214	Exilic and Post-Exilic Israel	2	
RCS224	Traditions of Jesus	2	
RCS271	History of Islam in West Africa	2	
<b>Required Ancillary Course</b>			
FSS 202	Statistics for Social Sciences II	2	
GSP 202	Peace and Conflict Resolution II	2	
		16	
<hr/>			
<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
POL 361	Logic and Methods of Political Inquiry	2	
POL 341	Politics of Development and Underdevelopment	2	
RCS313	Religion of the Old Testament	2	
RCS321	Earliest Christianity: The Beginnings	2	
RCS323	New Testament Theological Framework	2	
RCS351	African Traditional Religion II	2	
<b>General Studies Courses</b>			
GSP 207	Humanities I		
CED 341	Courses on Entrepreneurial Development and Research I	2	
COS 101	Introduction to Computer Science	2	
<b>Electives: Choose</b>			
POL 221	Theories of International Relations	2	
OR			
POL 332	Theory and Practice of Administration	3	2or3
			18/19
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Second Semester			

CODE	TITLE	UNITS
<b>Major Courses</b>		
POL 301	Political Behaviour	2
POL 311	Comparative Federalism	2
RCS314	Old Testament Prophets	2
RCS322	Earliest Christianity: The Life and Work of St. Paul	2
RCS324	New Testament Text I	2
RCS332	Christian History and Doctrine II	2
RCS362	Religious Ethics II	2
<b>Required Ancillary Course</b>		
COS 304	Computer Application	2
CED 342	Courses on Entrepreneurial Development and Research II	2
<b>General Studies Courses</b>		
GSP 208	Humanities II	2
		20
<hr/>		
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
POL 411	The Military and Politics	3
POL 425	Third World and Dependency	3
RCS413	Literature of the Old Testament I	3
RCS421	The Close of the New Testament Era	3
RCS431	Christian History and Doctrine III	3
<b>Electives: Choose one course</b>		
POL 413	Nigerian Local Government	3
POL 421	Nigerian Foreign Policy	3
POL 431	Public Finance Administration	3
POL 443	Revaluation and Society	3
POL 443	Political Sociology	3
		3
		18
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<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
POL 412	Politics and Law in Africa	3
RCS 414	Literature of the Old Testament II	3
RCS 422	New Testament Texts II	3
POL 472	Research Project	6
<b>Electives: Choose one course</b>		
POL 422	Political of International Law	3
POL.423	International Politics of Mass Comm.	3
POL 432	Comparative Public Administration	3
POL 433	Public Personnel Administration	3
POL 424	International Institutions and Organization	3
		3
		18
<hr/>		
<b>Psychology and Religion</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSY 101	Introduction to Psychology	2
PSY 102	Learning Process I	2
PSY 111	Quantitative Methods in Psychology I	2
RCS101	Introduction to the Study of Religion	2
RCS111	Background of the Old Testament	2
RCS123	The Background of the New Testament	2
RCS151	Introduction to African Traditional Religion	2
<b>General Courses</b>		
<b>Studies</b>		
GSP 101	Use of English I	2



GSP 105	Natural Science I	2
GSP 111	Use of the Library and Study Skill	2
		20

## Second Semester

CODE	TITLE	UNITS
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### Major Courses

PSY 103	Determinants of Behaviour
PSY 104	Learning Process II
PSY 112	Quantitative Methods in Psychology II
PSY 121	Basic Concepts in Experimental Psychology
RCS102	Field Trip and Tutorial I
RCS111	Introduction to the Study of the Old Testament
RCS124	Introduction to the Tradition of Jesus

### General Studies Courses

GSP 102	Use of English II	2
GSP 106	Natural Sciences II	2

## Second Year

### First Semester

CODE	TITLE	UNITS
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### Major Courses

PSY 221	General Experimental Psychology I
PSY 241	Introduction to Social Psychology
PSY 251	Developmental Psychology: Childhood and Adolescence
PSY 261	Psychology of Personality
RCS213	The People of the Old Testament: Their History
RCS223	Geo-Cultural Setting of Palestine
RCS231	Christian History and Doctrine I
RCS251	African Traditional Religion I
RCS261	Religious Ethics I

### Required Ancillary Courses

COS 102	Introduction to Computer Sciences	2
FSS 201	Statistics for Social Sciences I	2
GSP 201	Peace and Conflict Resolution I	2

### Second Semester

CODE	TITLE	UNITS
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### Major Courses

PSY 222	General Experimental Psychology II
PSY 233	Psychobiology
PSY 242	Psychology of Ethnicity and Ethnic Group
PSY 252	Developmental Psychology: Adulthood and Ageing
RCS206	Problems of Religious and & History
RCS214	Exilic and Post-Exilic Israel
RCS224	Traditions of Jesus

### Required Ancillary Courses

COS 304	Computer Application	2
FSS 202	Statistical Methods in the Social Sciences.	2
GSP 202	Peace and Conflict Resolution II	2

## Third Year

### First Semester

CODE	TITLE	UNITS
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### Major Courses

PSY 311	Statistical Methods in Psychology I	
PSY 342	Industrial /Occupational Psychology	
PSY 351	Introduction to Abnormal/Clinical Psych.	
PSY 371	Theories and Systems	
RCS321	Earliest Christianity: The Beginnings	2

REL 323	New Testament Theological Framework	2
RCS351	African Traditional Religion II	2
<b>General Studies Courses</b>		
GSP 207	Humanities I	2
CED 341	Courses on Entrepreneurial Development and Research I	2
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSY 301	Cognitive Psychology	2
PSY 313	Research Methods in Psychology	2
PSY 341	Advanced Social Psychology	2
PSY 381	Environmental Psychology	2
RCS314	Old Testament Prophets	2
RCS322	Earliest Christianity: The Life and Work of St. Paul	2
REL 324	New Testament Text I	2
REL 332	Christian History and Doctrine II	2
REL 362	Religious Ethics II	2
<b>General Studies Courses</b>		
GSP208	Humanities	2
CED 342	Courses on Entrepreneurial Development and Research II	2
		<hr/> 22
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSY 441	Social Perception	2
PSY 443	Psychology of Vocational Behaviour	2
PSY 451	Advanced Abnormal/Clinical Psychology	2
PSY 452	Behaviour Modification	2
PSY 461	Psychological Testing and Test Construction	2
RCS413	Literature of the Old Testament I	3
RCS421	The Close of the New Testament Era	3
RCS431	Christian History and Doctrine III	3
		<hr/> 19
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
PSY 445	Psychology of Union Management Relations	2
PSY 455	Forensic Psychology	2
PSY 462	Psychological Test and Assessment	2
RCS414	Literature of the Old Testament II	3
RCS422	New Testament Text II	3
PSY 491	Project	6
		<hr/> 18
<b>Department of Social Work</b>		
<b>Staff</b>		
U.O. Okoye, B.Sc., M.Sc., Ph.D. (Nigeria)		Professor/Head
F.U. Mbah, B.Sc. (Dares Salaam), M.Sc. (Missouri)		Senior Lecturer
N.C. Uzuegbu, B.Ed., PGD, M.Sc. Ph.D. (Nigeria)		Senior Lecturer
C.A. Eze, B.Sc., M.Sc., Ph.D. (Nigeria)		Senior Lecturer
C.S. Ejiofor, B.Ed., M.Sc. (Nigeria)		Senior Lecturer
L.P. Tanyi, B.Sc., M.Sc., Ph.D. (Nigeria)		Senior Lecturer
N.C. Obi-Keguna, B.Sc., M.Sc. (Nigeria)		Lecturer I
A.E. Okafor, B.Sc., M.Sc., Ph.D. (Nigeria)		Lecturer I
K.N. Anugwom, B.Sc., M.Sc. (Nigeria)		Lecturer I
O.A. Uche, B.Sc., M.Sc., Ph.D. (Nigeria)		Lecturer I
C.N. Ngwu, B.Sc., M.Sc., Ph.D. (Nigeria)		Lecturer I
R.C. Okoli, B.Sc. (Nigeria), M.Sc. (Port Harcourt), Ph.D. (Edinburgh)		Lecturer I

C.C. Iyiani, B.Sc. (Nigeria), M.Sc. (Trodheim, Norway), Ph.D. (Otago, New Zealand)	Lecturer II
N.E. Chukwu, PGD, B.Sc., Ph.D. (Nigeria)	Lecturer II
O.M. Ebue, B.Sc., M.Sc. (Nigeria)	Lecturer II
I.B. Uche, B.Sc, M.Sc. (Nigeria)	Lecturer II
U.P. Agbawodikeizu, B.Sc., M.Sc. (Nigeria)	Lecturer II
N.S. Udechukwu, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
P.J. Ugwuoke, B.Sc. (Nigeria), M.Sc. (East London)	Assistant Lecturer
C.U. Nnama-Okechukwu, B.Sc., M.Sc. (Nigeria)	Assistant Lecturer
S.O. Ebimbo, B.Sc. (Nigeria)	Graduate Assistant
P.C. Agwu, B.Sc. (Nigeria)	Graduate Assistant
N.C. Nwadike, B.Sc. (Nigeria)	Graduate Assistant
K.L. Agbawodikeizu, B.Ed. (Nigeria)	Secretary

### Brief History

Based on the request of the Federal Government, Social Work was established in 1976 in the Department of Sociology and Anthropology in the Faculty of the Social Sciences principally to train and produce middle level manpower who can man the Social Welfare Departments in the Ministries. Since 1976, the Social Work Unit has pioneered the training of University level Social Workers in the country, in order to satisfy the need for this specialized manpower. It offered only the undergraduate Diploma Programme at first take off. In 1985 it started offering the Degree Programme and in 1986/87 session it started offering Post – Graduate Programmes viz Post-Graduate Diploma, M.Sc. and Ph.D. Social Work started as a Unit under the Department of Sociology and Anthropology, in November 2001, it was given a Sub-Departmental Status and in 2006, it was given a Departmental Status.

### Philosophy

The undergraduate Programme in Social Work prepares high level manpower for professional practice in Social Work. Since the graduate of this Programme are expected to hold key positions in public and private agencies in the country, the curriculum exposes the students to the theory and practice of social work which equips them for professional practice.

### Objectives

The general objective of the Programme is to produce students with adequate knowledge, attitudes, values and skills in generic social work practice specifically: To produce students who can enter into direct social work practice in the public, voluntary and private agencies such as hospital, family and child care service, the court and correctional institutions, schools, rehabilitation as well as other welfare services.

To assume leadership roles in rural and urban community development efforts, and assume responsible positions in the field of Social Work education and research, and undertake graduate student in Social Work.

### Scope

The Department offers two kinds of Degree Programme viz

- A four year B.Sc. (Honours) Social Work Programme, by UME and
- A three-year B.Sc. (Honours) Social Work Programme by Direct Entry

### Entry Requirements

Admission into four-year degree programme in the Department is by entrance examination conducted through Joint Admissions and Matriculation Board (JAMB). Candidates for four-year degree programme must satisfy the normal University entry requirement that is five credits in Senior Secondary School Examination/General Certificate of Education or its equivalent including English language and a science subject. Candidates who wish to pursue the three-year degree programme (for the Direct Entry Option) should have an OND certificate in Social Work/Community Development, at credit or merit/lower credit level pass from the University of Nigeria Nsukka or any other approved Universities. Such candidates must also have a credit in English language at the Senior School Certificate level or its equivalent and the normal University entry requirements.

### Stress Areas

Foundational Courses	0
Social problem, policy and legislation	1

Human behaviour and the social environment	2
Social work intervention techniques and practice	3
Field work and areas of practice	4
Community organization	5
Project	9

**Four-Year Standard Programme****First Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
SWK 101	Introduction to Social Work	2
SWK 111	Communication in Social Work	2
SWK 141	Field Work Orientation	2
SWK 121	Social Deviance and Systems Organization	2
<b>Required Ancillary Courses</b>		
ANT 102	Introduction to Anthropology	4
SOC 101	Introduction to Sociology I	2
<b>General Studies Courses</b>		
GSP 101	The Use of English	2
GSP 105	Natural Sciences I	2
GSP 111	Use of Library and Study Skills	2
<b>Electives: Choose 2 Units</b>		
ECO 101	Principles of Economics	2
PHL131	Logic and Clear Thought	2
PSC 101	Introduction to Political Science	2
PSY 101	Principles of Psychology	2
RCS 101	Introduction to African Tradition Religion	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
SWK 102	Human Behaviour and the Social Environment	3
SWK 122	Philosophy and Ethics of Social Work	2
SWK 142	Introduction to Field Work Practice	4
<b>Required Ancillary Courses</b>		
SOC 102	Introduction to Sociology II	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
GSP 106	Natural Science II	2
<b>Electives: Choose 4 Units</b>		
ECO 102	Principles of Economics II	2
PSY 104	Determinants of Behaviour	2
PSC 102	Introduction to Political Sciences	2
RCS 142	Religion and Human Values	2
		<hr/> 19

**Second Year****First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
SWK 201	Social Work Theory	3
SWK 245	Field Work Practice: Social Analysis in Case Work	2
SWK 251	Community Development	2
SWK 203	Elements of scientific thought for social workers	3
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
FSS 201	Introduction to Statistical Methods for Social Science	2
<b>General Studies Course</b>		
GSP 207	Humanities	2
GSP 201	Peace and Conflict Resolution	2

**Electives: Choose 2 Units**

PSY 251	Developmental Psychology	2	
PSY 241	Social Psychology	2	
SWK 243	Social Work Practice and Gender	2	
SWK 231	Crime, Delinquency and the Quality of Life	2	
PSY 351	Introductions to Abnormal Psychology	2	2
			<hr/> 20

**Second Semester**

CODE			UNITS
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**Major Courses**

SWK 242	Social Work Intervention with Families	2	
SWK 244	Social Work in Rehabilitation	2	
SWK 224	Functions of Social Work	2	
SWK 246	Field Work: Problem Solving and Evaluation in Case Work 3	3	

**Required Ancillary Courses**

FSS 202	Introduction to Statistical Methods for Social Sciences II	2	
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**General Studies Courses**

GSP 208	Humanities 11	2	
GSP 202	Peace and Conflict Resolution	2	

**Electives: Choose 2 Units**

SWK 240	Social Work with Youths	2	
SWK 248	Social Work Communication Techniques	2	
PHL 262	Philosophy of Development 1	2	
SWK 228	Social Work in Health Care Settings	2	2
			<hr/> 17

**Third Year****First Semester**

CODE			UNITS
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**Major Courses**

SWK 305	Element of Psychology in Social Work	2	
SWK 335	Community Development Theory	2	
SWK 331	Social Work Intervention	2	
SWK 353	Social Work and Mental Health	3	
SWK 341	Social Work Practice with Group	2	
SWK 345	Field Work Practice: Social Analysis in Group Work	3	

**Required Ancillary Courses**

SOC 221	Criminology and Penology	2	
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**Electives: Choose 2 Units**

SWK 313	Community Mental Health Services	2	
SWK 311	Social Policy and Planning	2	
PHE 120	Community Health	2	
PSY 352	Community Psychology	2	
SWK 327	Rural Social Work	2	2
			<hr/> 18

**Second Year****Second Semester**

CODE			UNITS
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**Major Courses**

SWK 362	Methods of Social Work Research	3	
SWK 344	Community Education	2	
SWK 346	Field Work: Problem Solving and Evaluation In Group Work 3	3	
SWK 328	Dynamics of Social Functioning	2	
SWK 322	Counselling and psychotherapy	2	
SWK 320	Social Work and Social problems	2	

**Required Ancillary Courses**

COS 314	Computer Application	3	
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**Electives: Choose 2 Units**

SWK 352	Community Needs and Resource Assessment	2	
SWK 324	Care Management in Social Work	2	

SWK 326	Spirituality and Social Work Practice	2	
SWK 348	Social Work and the Elderly	2	
SWK 340	School Social Work	2	2
			<hr/> 19

**Fourth Year****First Semester**

CODE			UNITS
<b>Major Courses</b>			
SWK 491	Project Tutorial		2
SWK 451	Community Development Practice		3
SWK 441	Methods of Social Work Practice		3
SWK 445	Field Work: Social Analysis in Community Organisation		3
SWK 421	International Social Work		3

**Electives: Choose 4 Units**

SWK 431	Ethno-cultural Relations and the Nigeria	2	
SWK 413	Social Work and the Law	2	
SWK 423	Substance Abuse Prevention and Intervention	2	
SWK 447	Social Work Practice with Children	2	4
			<hr/> 18

**Second Semester**

CODE			UNITS
<b>Major Courses</b>			
SWK 434	Social Work Legislation and Policy		3
SWK 446	Field Work: Problem Solving and Evaluation in Community Organization		3
SWK 454	Clinical Social Work Practice, Psychopathology and Trauma		3
SWK 442	Generalist Approach in Social Work		2
SWK 492	Project		6
<b>Electives: Choose 2 Units</b>			
SWK 406	Models of Family Therapy	2	
SWK 444	Forensic Social Work	2	
SWK 412	Gerontology and Geriatric Interventions in Social Work	2	2
			<hr/> 19

**Three-Year Standard Programme****First Year****First Semester**

CODE	TITLE		UNITS
<b>Major Courses</b>			
SWK 245	Field Work: Social Analysis in Case Work		2
SWK 101	Introduction to Social Work		3
SWK 203	Elements of Scientific Thought for Social Workers		3
SWK 121	Social Deviance and System Organization		2
<b>Required Ancillary Courses</b>			
COS 101	Introduction to Computer Science		2
FSS 201	Introduction to Statistical Methods for		2
<b>General Studies Courses</b>			
GSP 101	The Use of English 1		2
GSP 105	Natural Science 1		2
GSP 201	Peace and Conflict Resolution		2
<b>Electives: Choose 2 Units</b>			
PSY 101	Principles of Psychology	2	
ECO 101	Introduction to Economics 1	2	
PSC 101	Introduction to Political Science1	2	
PHL 131	Logic and Clear Thought	2	
SWK 231	Crime, Delinquency and the Quality of Life	2	
RCS 101	Introduction to Religion	2	
SOC 101	Introduction to Sociology 1	2	2
			<hr/> 22

**Second Semester**

CODE		UNITS
<b>Major Courses</b>		
SWK 102	Human Behaviour and the Social Environment	3
SWK 122	Philosophy and Ethics of Social Work	2
SWK 246	Field Work: Problem Solving and Evaluation in Case Work	2
SWK 242	Social Work in Rehabilitation	2
SWK 224	Functions of Social Work	2
SWK 242	Social work Intervention with Families	2
<b>Required Ancillary Courses</b>		
FSS 202	Introduction to Statistical Methods for Social Services	2
<b>General Studies Courses</b>		
GSP 102	The Use of English 11	2
GSP 106	Natural Science 11	2
GSP 202	Peace and Conflict resolution	2
<b>Electives: Choose 4 Units</b>		
PSY 252	Development Psychology	2
ECO 102	Principles of Economics 11	2
PSY 104	Determinants of Behaviour	2
SOC 102	Introduction to Sociology 11	2
		4
		<u>25</u>
<b>SECOND YEAR</b>		
<b>First Semester</b>		
CODE		UNITS
<b>Major Courses</b>		
SWK 331	Social Work Intervention	2
SWK 201	Social Work Theory	3
SWK 335	Community Development Theory	2
SWK 345	Field Work: Social Analysis in Group Work	2
SWK 353	Social Work and Mental Health	3
SWK 341	Social Work Practice with Group	2
<b>Required Ancillary Courses</b>		
SOC 221	Criminology and Penology	3
<b>General Studies Course</b>		
GSP 207	Humanities 1	2
<b>Electives: Choose 2 Units</b>		
SWK 327	Rural Social Work	2
HPE 120	Community Health	2
PSY 352	Community Psychology	2
SWK 313	Community Mental Health Services	2
SWK 311	Social Policy and Planning	2
		2
		<u>21</u>
<b>Second Semester</b>		
CODE		UNITS
<b>Major Courses</b>		
SWK 362	Methods of Social Work Research	3
SWK 344	Community Education	2
SWK 346	Field Work: Problem Solving and Evaluation in Group Work	3
SWK 328	Dynamics of Social Functioning	2
SWK 322	Counselling and psychotherapy	2
SWK 320	Social Work and Social Problems	2
<b>Required Ancillary Courses</b>		
COS 314	Computer Applications	3
<b>General Studies Course</b>		
GSP 208	Humanities 11	2
<b>Electives: Choose 2 Units</b>		
SWK 352	Community Needs and Resource Assessment	2
ANT 327	Traditional Legal Systems	2
SWK 348	Social Work and the Elderly	2
SWK 326	Spirituality and social work practice	2

SWK 340	School Social Work	2	2
			<hr/> 21

**THIRD YEAR****First Semester**

CODE			UNITS
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**Major Courses**

SWK 491	Project Tutorials		2
SWK 451	Community Development Practice		3
SWK 441	Methods of Social Work Practice		3
SWK 445	Field Work: Social Analysis in Community Organization		3
SWK 421	International Social Work		3

**Electives: Choose 4 Units**

SWK 431	Ethno-Cultural Relations and the Nigerian State	2	
SWK 447	Social Work Practice with Children	2	
SWK 413	Social Work and the Law	2	
SWK 423	Substance Abuse, Prevention and Intervention	2	4
			<hr/> 18

**Second Semester**

CODE	TITLE		UNITS
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**Major Courses**

SWK 434	Social Work Legislation and Policy		3
SWK 446	Field Work: Problem Solving and Evaluation in Community Organization		3
SWK 442	Generalist Approach in Social Work		2
SWK 492	Project		6
SWK 454	Clinical Social Work Practice, Psychopathology and Trauma		3

**Electives: Choose 2 Units**

SWK 406	Models of Family Therapy	2	
SWK 444	Forensic Social Work	2	
SWK 412	Gerontology and Geriatric Interventions in Social Work	2	
SWK414	Organizational/Administrative Skills in Social Work	2	2
			<hr/> 19

**Department of Sociology/Anthropology****Staff**

N.N. Ezumah, B.Sc., M.Sc., Ph.D. (Ibadan)	Professor
E.U.M. Igbo, B.Sc., M.Sc. (Nigeria), MA., Ph.D. (Sheffield)	Professor
E.E. Anugwom, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
V.I. Okeke, B.A., MA. (Guelph), Ph.D. (Nigeria)	Professor/Head
J.C. Okeibunor, B.Sc., M.Sc., Ph.D. (Nigeria)	Professor
J.N. Alumanah, B.A., MA (Leeds), Ph.D. (Nigeria)	Professor
B. K. Chukwuezi, B.Sc., M.Sc. (Nigeria)	Reader
A.O. Onu, B.Sc., B.A., M.Sc. (Ibadan)	Reader
P-J Ezech, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
E.E. Uwakwe, B.Sc. (Nigeria), M.Sc. (Lagos), Ph.D. (Glasgow)	Senior Lecturer
C.U. Ugwuoke, B.Sc. (Calabar), M.Ed., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
A.A. Nzei, B.Sc., M.Sc. (Nigeria)	Senior Lecturer
G. N. Onyeneho, B.Sc. (Enugu), M.Sc., Ph.D. (Nigeria)	Senior Lecturer
N.O. Arukwe, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Lecturer
B.N. Nwokeoma, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
C. Ugwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
B.N. Osadebe, B.Sc., M.Sc., Ph.D. (Nigeria)	Lecturer I
C.Ugwuoke, B.Sc. (Enugu), M.Sc., Ph.D. (Nigeria)	Lecturer I
J.N. Aronu, B.Sc., M.Sc. (Nigeria)	Lecturer II
I. Igwe, B.Sc., M.Sc. (Nigeria)	Lecturer II
U.T. Okonkwo, B.Sc., M.Sc. (Nigeria)	Lecturer II
C.C. Atama, B.Sc., M.Sc. (Nigeria)	Lecturer II
S. Onah (Rev. Fr), BA (Rome), M.Sc., Ph.D. (Leuven)	Lecturer II
G.U. Chukwumezie, B.Sc., M.Sc. (Nigeria)	Lecturer II
K.C. Amadi, B.Sc. (Nigeria)	Graduate Assistant



**General Information**

The Department offers two modes of one undergraduate degree programme, viz:

- a) A Four-Year Single Honours degree
- b) A Three-Year Single Honours degree.

**Entry Requirements**

In addition to the minimum entry requirements of the University of Nigeria as stipulated in the University of Nigeria Calendar and JAMB brochure, candidates for admission into the Department of Sociology/Anthropology by entrance examination (the Four-Year mode) are Required to have a credit in English Language in School Certificate or its equivalent. Candidates for direct entry (the three-year mode) should possess the General Certificate of Education, Advanced Level Passes, or their equivalent in any three of Social Science subjects and such Arts subjects as History and English Literature. Candidates who hold Senate approved relevant diplomas may also be considered. A combined Honours degree is available. This combines Sociology or Anthropology with any of the following disciplines: Psychology, Economics, Political Science, Religion, Philosophy and Archaeology. Transfer students from recognized Universities are accepted on merit. Students with any other qualifications acceptable to the University Senate may also be admitted.

**Philosophy**

The Sociology/Anthropology Curriculum is uniquely designed to combine scholarship with relevance, breadth with depth, scientific objectivity with commitment in providing students with general grounding in the principles, theories, and methods of Sociology and Anthropology.

**Objectives**

The objectives of the Department are:

- 1) To provide an academically stimulating environment of learning in which the students' consciousness of social processes, social problems, social change can be raised and in which their creativity and self-reliance can be enhanced.
- 2) To create an atmosphere in which knowledge is associated with social purpose and in which students are willing and able to develop such social values and attitudes that will positively contribute to discipline, work ethics, and commitment to national development objectives.
- 3) By exposing students to the theory, principles, and methods of the discipline, to develop and improve students' independent thinking, writing and analytical ability as well as objective and critical judgment. This will enable them to develop their ability to scientifically observe, collect, and analyse data on cultural and socio-economic issues, on the basis of which they can understand social problems, make policy recommendations and, thus, contribute meaningfully to national and social development objectives. To this end, the Department attaches great importance to students' participation in courses through seminars, term papers, and application of social research analytic tools through research projects.
- 4) Against the above background, the Department aims at producing and maintaining a steady output of well-educated, committed, disciplined Nigerian citizens who are inspired by their grasp of social patterns, processes, and problems in Nigeria, Africa and their interrelationships with the world community to seek solutions to social problems and contribute to improving the quality of human life in Nigeria.
- 5) The Departmental programme offers valuable preparation for many different careers since it scientifically examines society, social causes and consequences of human behaviour. It specifically examines social forces which shape and are shaped by people, the work place and the family, the social institutions, social services, and social processes which shape public affairs. Thus, students planning careers in various fields find the sociological and Anthropological understanding complementary and enriching to their professional education in such areas as Law, Urban Planning and Research, Communications Media and Journalism, Health Services, Personnel/Human Resources Development, Nursing and the human services professions. Graduates of the Department have found employment in various human services in private and public sectors of the economy such as Policy Analysis, Administrative/Personnel Officers, Career Diplomats, Bankers, Police Officers, University lecturers and Professors, Rural Development Officers, Museum and Antiquities Directors and Specialists, Planning Officers, Demographers, Intelligence Officers, etc.
- 6) The exposure to other Social Science disciplines especially in the first two years as well as the compulsory General Studies Courses in the Use of English, Humanities and Natural Science ensure that students are well-educated and discipline. Their performance at Civil Service examinations and public/private settings underscore the relevance of the breadth of their education. Periodic reviews of the Department programme ensure that we reflect and retain their relevance to changing societal problems

and respond to our national developmental needs while maintaining internationally accepted academic standards.

### Stress Areas

Introduction / Foundation Courses	0
Social Organisation	1
Social Processes	2
Applied Sociology / Applied Anthropology	3
Social Change	4
Research Tutorial	5
Project	6

### Four Year (B.Sc.) Degree Programme

#### First Year

##### First Semester

CODE	TITLE	UNITS
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##### Major Courses

ANT 102	Introduction to Anthropology	4
SOC 101	Introduction to Sociology I	2

##### Required Ancillary Courses

PSY 101	Principles of Psychology	2
PHI 131	Introduction to Logic & Clear Thought	2

##### General Studies Courses

GSP 101	The Use of English I	2
GSP 105	Natural Science I	2

##### Electives: Choose four Units

ECO 101	Principles of Economics	2	
OSC 101	Introduction to Political Science	2	
PSC 111	Introduction to African Politics	4	
SOC 104	Introduction to Gender and Women Studies	2	4
			<hr/> 18

#### Second Semester

CODE	TITLE	UNITS
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##### Major Courses

ANT 121	Language in Society and Culture	2
SOC 102	Introduction to Sociology II	2
SWK 103	Introduction to Social Work	4

##### General Studies Courses

GSP 102	The Use of English II	2
GSP 106	Natural Science II	2

##### Electives: Choose four Units

ECO 102	Principles of Economics II	2	
GEO 106	The Socio-economic Activities of Man	2	
PHI 161	Introduction to Social and Political Thought	4	4
RCS 101	Introduction to the Study of Religion	3	
PSC 10	Introduction to Political Science II	2	
			<hr/> 16

#### Second Year

##### First Semester

CODE	TITLE	UNITS
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##### Major Courses

ANT 201	History of Anthropological Thought	4
SOC 221	Criminology & Penology	3

##### Required Ancillary Courses

COS 101	Introduction to Computer Science	2
FSS 201	Introduction to Statistical Methods for the Social Sciences I	2

##### General Studies Courses

GSP 207	Humanities I	2	2
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##### Electives: Choose four Units

SOC 203	Sociology of Knowledge & Technology	2	
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SOC 233	Sociology of Mass Communication	2	
SOC 235	Sociology of Education	4	
PSC 212	Nigerian Political Economy	2	4
			<hr/> 17
<b>Second Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
ANT 212	African Social Institutions		4
SOC 211	Sociology of the Family		3
SOC 251	Social Change & Social Problems		3
<b>Required Ancillary Courses</b>			
FSS 208	Statistical Methods in the Social Sciences II		2
<b>General Studies Courses</b>			
GSP 208	Humanities II		2
<b>Electives: Choose four Units</b>			
ANT 213	Economic Anthropology	2	
ANT 214	Symbolic Anthropology	2	
SOC 236	Military Sociology	4	
SOC 234	Women in Society	2	
PHI 242	History of Philosophy	2	
RCS 351	African Traditional Religion II	2	4
			<hr/> 18
<b>Third Year</b>			
<b>First Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
ANT 303	Nigerian Peoples & Culture		3
SOC 301	Sociological Theory & Analysis		4
SOC 322	Systems of Social Inequality		2
SOC 351	Rural Sociology		2
<b>Electives: Choose four Units</b>			
ANT 313	Anthropology of Peasant Societies	2	
SOC 304	Major Themes in Marxist Sociology	2	
SOC 311	Sociology of Religion	2	
SOC 323	Juvenile Delinquency	4	
SOC 327	Sociology of Law	2	
SOC 352	Ecology & Society	2	
SOC 353	Sociology of Occupations & Professions	2	
MAC 201	Media and Society	2	
OSC 331	Personnel Management	2	4
			<hr/> 15
<b>Second Semester</b>			
<b>CODE</b>	<b>TITLE</b>		<b>UNITS</b>
<b>Major Courses</b>			
SC 328	Political Sociology		2
SOC 331	Methods of Social Research		4
SOC 354	Contemporary African Social Thought		2
SOC 355	Formal Organisations		2
<b>Required Ancillary Courses</b>			
COS 304	Computers in Sectorial Application		3
PSY 242	Ethnicity and Ethnic Groups		2
<b>Electives: Choose four Units</b>			
ANT 321	African Religious Systems	2	
AND 327	Traditional Legal Systems	2	
SOC 325	Sociology of Medicine	2	
SOC 334	Social Gerontology	2	
PSC 342	Politics of International Economic Relations	2	
SOC 305	Gender, Population and Health	2	4
			<hr/> 19

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ANT 421	Race and Ethnic Relations	4
ANT 423	Urban Sociology & Anthropology	4
SOC 422	General Demography	3
SOC 432	Industrial Sociology	3
SOC 462	Research Tutorial	2

**Electives: Choose four Units**

ANT 412	Culture and Communication	2
SOC 431	Child Development	2
SOC 437	Models of Sociological Analysis	4
SOC 453	Social Movement	2
		4
		20

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ANT 411	Comparative African Social Institutions	4
SOC 451	Sociology of Development	4
SOC 471	Project	4

**Electives: Choose four Units**

SOC 433	Personality and Motivation	2
SOC 434	Applied Demography	4
SOC 435	Sociology of Decolonisation	2
		4
		16

**Three Year (B.Sc.) Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

ANT 102	Introduction to Anthropology	4
SOC 101	Introduction to Sociology I	2
SOC 221	Criminology and Penology	3

**Required Ancillary Courses**

PSY 101	Principles of Psychology	2
PHI 131	Introduction to Logic & Clear Thought	2

**General Studies Courses**

GSP 101	The Use of English I	2
GSP 105	Natural Science I	2

**Electives: Choose four Units**

ECO 101	Principles of Economics I	2
PSC 101	Introduction to Political Science	2
PSC 111	Introduction to African Politics	4
SOC 104	Introduction to Gender and Women Studies	2
		4
		21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

ANT 121	Language in Society and Culture	2
SOC 102	Introduction to Sociology II	2
SWK 103	Introduction to Social Work	4
ANT 212	African Social Institutions	4
SOC 251	Social Change & Social Problems	3

**General Studies Courses**

GSP 103	The Use of English I	2
GSP 106	Natural Science II	2

**Electives: Choose four Units**

ECO 102	Principles of Economics II	2
GEO 106	The Socio-Economic Activities of Man	2

		Programmes	817
PHI 161	Introduction to Social & Political Philosophy	4	4
RCS 101	Introduction to the Study of Religion	3	
PSC 102	Introduction to Political Science II	2	
			23
<b>Second Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
ANT 201	History of Anthropological Thought		4
ANT 303	Nigerian Peoples and Culture		3
SOC 301	Sociological Theory & Analysis		4
SOC 351	Rural Sociology		2
<b>Required Ancillary Courses</b>			
COS 101	Introduction to Computer Science		2
FSS 201	Introduction to Statistical Methods for the Social Sciences I		2
<b>General Studies Courses</b>			
GSP 207	Humanities I		2
<b>Electives: Choose four Units</b>			
SOC 203	Sociology of Knowledge & Technology	2	
SOC 233	Sociology of Mass Communication	4	
SOC 235	Sociology of Education	2	
PSC 212	Nigerian Political Economy	2	4
			23
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
SOC 328	Political Sociology		2
SOC 331	Methods of Social Research		4
SOC 354	Contemporary African Social Thought		2
SOC 355	Formal Organisations		2
<b>Required Ancillary Courses</b>			
FSS 202	Statistical Methods in the Social Sciences II		2
<b>General Studies Courses</b>			
GSP 208	Humanities II		2
<b>Electives: Choose two Units</b>			
ANT 213	Economic Anthropology	2	
ANT 214	Symbolic Anthropology	2	
SOC 236	Military Sociology	2	
SOC 325	Sociology of Medicine	2	
SOC 334	Social Gerontology	2	2
			16
<b>Third Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
SOC 322	Systems of Social Inequality		2
ANT 421	Race and Ethnic Relations		4
ANT 423	Urban Sociology & Anthropology		4
SOC 422	General Demography		3
SOC 432	Industrial Sociology		3
SOC 462	Research Tutorial		2
<b>Electives: Choose four Units</b>			
ANT 412	Culture and Communication	2	
SOC 431	Child Development	2	
SOC 3437	Models of Sociological Analysis	4	
SOC 435	Social Movement	2	4
			22
<b>Second Semester</b>			
CODE	TITLE		UNITS

**Major Courses**

ANT 411	Comparative African Social Institutions	4
SOC 451	Sociology of Development	4
SOC 471	Project	4

**Required Ancillary Courses**

COS 304	Computer in Sectorial Application	3
PSY 242	Ethnicity & Ethnic Groups	2

**Electives: Choose four Units**

SOC 433	Personality and Motivation	2	
SOC 434	Applied Demography	4	
SOC 435	Sociology of Decolonisation	2	4
			<hr/> 21



**Faculty of Veterinary Medicine****Dean's Office****Staff**

R.C. Ezeokonkwo, DVM, M.Sc., PhD(Nigeria),	Professor
P. O Erua, B.Ed. (Nigeria)	Principal Asst. Registrar
I.A Amuzie, LLB, B.L (Nigeria)	Chief Executive Officer
C. ElufidipeOlumide, HND, PGD, MSc. (Nigeria)	Senior Farm Manager
S.I Ugwoke, HND, PGD (Nigeria)	Principal Anim. Health Supt. II
U.J Uchendu, HND, PGD (Nigeria)	Principal Technologist
G. N. Ezerendu, B. Sc. (Nigeria)	Assistant Registrar
J.I Ezeh, HND, B.Sc. (Ekpoma) M.Sc. (Nigeria)	Principal Conf. Sec. II
G.O Nwachukwu, B.Ed. (Nigeria)	Principal Library Officer
M. A. Ozoguji, B.Sc. (Nigeria)	Senior Executive Officer
C. S.Anitche, B.Sc. (Abia)	Higher Technical Officer
G. A. Ugwoke, B.Sc. (Enugu)	Higher Executive Officer
K. F. Ogbonna, B.Sc. (Nigeria)	Higher Executive Officer

**Department of Veterinary Anatomy****Staff**

I. C. Nwaogu, DVM (Kishnev), M.Sc., Ph.D. (Nigeria), FCVSN	Professor
U. M. Igwebuike, DVM, M.Sc., Ph.D. (Nigeria)	Professor/Head
C. O. Igbokwe, DVM, M.Sc., Ph.D. (Nigeria)	Professor
G. C. Okpe, DVM, M.Sc., Ph.D. (Nigeria), FCVSN	Senior Lecturer
A. F. Udoumoh, DVM, M.Sc. (Nigeria)	Lecturer I
C. N. Abiaezute, DVM, M.Sc. (Nigeria)	Lecturer I
C. L. Okafor, DVM (Nigeria)	Lecturer II
I. K. Peter-Ajuzie, DVM (Nigeria)	Lecturer II
W. I. Ugwuoke, DVM (Nigeria)	Lecturer II

**Department of Veterinary Medicine****Staff**

B.M. Anene, DVM (Ibadan), M.Sc., Ph.D. (Nigeria)	Professor
E.I. Ugochukwu, DVM, M.Ph., Ph.D. (Nigeria)	Professor
J.I. Eze, DVM, M.Sc. (Nigeria)	Reader
N.E. Nweze, DVM, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
G.N. Anosa, DVM, M.Sc. (Ibadan)	Senior Lecturer
O.N. Okoroafor, DVM, M.Sc., Ph.D. (Nigeria)	Senior Lecturer/Ag. Head
P.O. Akpa, DVM, M.Sc. (Nigeria)	Lecturer I
U.U. Eze, DVM, M.Sc., Ph.D. (Nigeria)	Lecturer I
P.C. Animoke, DVM, M.Sc. (Nigeria)	Lecturer I
I.C. Chukwube, DVM, M.Sc. (Nigeria)	Lecturer I
V.O. Omeje, DVM (Nigeria), M.Sc. (Ibadan), Ph.D. (Nigeria), Ph.D. (Stellenbosch)	Lecturer I
C.C. Okolo, DVM (Nigeria)	Lecturer II
V.O. Asuzu, DVM, M.Sc. (Nigeria)	Lecturer II
U.C. Obiekwe, DVM (Nigeria), M.Sc. (Ibadan))	Lecturer II
A.A. Ngene, AIMLT, FIMLT, M.Sc. (Nigeria)	Chief Med. Laboratory Scientist
L.U. Onyebuchi, ASLT (Nigeria)	Senior Technologist.
M.C. Imoh, B.Sc. (Nigeria)	Senior Executive Officer.
A.I. Agbo, OND	Senior Technologist
Mrs. E.A. Animoke, B.Ed. (Nigeria)	Senior Laboratory Supervisor

**Department of Veterinary Obstetrics and Reproductive Diseases****Staff**

O.L. Obasi, DVM (Nigeria), M.Sc. (Zaria), MCVSN, FCVSN	Senior Lecturer
K.O. Anya, DVM (U.I.), MVSc (Ibadan), FCVSN, Ph.D. (Nigeria)	Senior Lecturer
I.S. Ochiogu, DVM, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
C.F. Oguejiofor, DVM, M.Sc. (Nigeria), Ph.D. (London)	Senior Lecturer
C.N. Okoye, DVM, M.Sc. (Nigeria)	Lecturer I

S.O. Okere, DVM, M.Sc. (Nigeria)	Lecturer I
C.C. Odo, B.Sc (Enugu)	Assistant Chief Clerical Officer
C. E. Okpe, HND, B.Sc (Ed.), (Nigeria)	Principal Animal Health Superintendent I

### **Veterinary Surgery**

#### **Staff**

C.A. Eze, DVM, MSc., Ph.D. (Nigeria), FCVSN (Abuja)	Professor
S.O. Udegbonam, DVM, MSc., Ph.D. (Nigeria), FCVSN (Abuja)	Professor
R.I Udegbonam, DVM (Nigeria ) MVSC (Ibadan), PhD(Nigeria)	Professor / Head
T. O Nnaji, DVM, MSc., Ph.D. (Nigeria), FCVSN (Abuja)	Senior Lecturer
A.C. Onuba, DVM, MSc. (Nigeria)	Lecturer I
K.C Ogbaya, DVM, MSc. (Nigeria)	Lecturer I
N.E Ugwu, DVM, MSc. (Nigeria)	Lecturer I
N.H Okereke, DVM, MSc. (Nigeria)	Lecturer II
O.C Ukaogo B.Sc (Owerri)	Higher Technical Officer Higher Animal Health Superintendent
D.C. Adonu, HND	Superintendent
F. O. Onah NCE	Technical Officer

### **General Information**

The Department of Veterinary Obstetrics and Reproductive Diseases is one out of the nine component academic Departments in the Faculty of Veterinary Medicine, University of Nigeria, Nsukka. Initially in 1980, it existed as a Veterinary Obstetrics Unit in the Department of Veterinary Surgery and Obstetrics, but in the year 2005, it attained the status of an independent academic department named Department of Veterinary Obstetrics and Reproductive Diseases. The Department offers courses in Veterinary Gynecology, Obstetrics, Andrology and Artificial Insemination to undergraduate Doctor of Veterinary Medicine students as part of the core courses needed to produce graduates of Veterinary Medicine (Doctors of Veterinary Medicine). The Department also offers Master of Science (M.Sc.) and Doctor of Philosophy (Ph.D.) programmes in Veterinary Obstetrics and Reproductive Diseases as further specialized training for Veterinarians who may want to specialize in the area of Animal Reproduction and Reproductive Diseases. As good reproductive performance is vital for profitable animal production, the Department plays a key role in the upbringing of Veterinarians and further specialized training of Veterinarians wishing to specialize in the area of Veterinary Obstetrics and Reproductive Diseases.

### **Objective, Philosophy and Scope**

The objective of the undergraduate programme of the Department of Veterinary Obstetrics and Reproductive Diseases is to contribute to the production of high quality Veterinary graduates by equipping students of the undergraduate Doctor of Veterinary Medicine programme with knowledge and training in the area of Veterinary Gynecology, Obstetrics, Andrology, Artificial Insemination, and other aspects of assisted reproduction in animals. The higher degree programmes (M.Sc. and Ph.D.) further gives the Veterinarians specializing in Animal Reproduction in-depth and advanced training in the above listed areas, and beyond becoming specialized in these areas are also offered research training and opportunity for further studies in the areas of Veterinary Gynecology, Obstetrics, Andrology and Artificial Insemination. The ultimate products of the Department programmes are Veterinarians and Specialized Animal Reproduction experts who can diagnose, handle, treat, manage and carry out research in the area of reproductive disorders and fertility challenges in animals, and who can use modern assisted reproduction techniques to enhance animal reproduction.

Veterinary Obstetrics and Reproductive Diseases is both an art and a science dealing with the reproductive health and reproductive diseases of animals. The science embodies specialized knowledge gained through training, observation and research, while the art involves the acquisition of skills and ability to handle animal reproduction problems.

The role that enhanced reproduction plays in the overall profitability of livestock enterprises cannot be underestimated. Thus, by arming Veterinarians and Animal Reproduction experts with knowledge and capabilities in Veterinary Obstetrics and Reproductive Diseases, the Department contributes its quota to the upbringing of high quality Animal Health experts.

### **Job Opportunities**

Graduates of the Doctor of Veterinary Medicine programme who amongst other courses had been trained in the area of Veterinary Gynecology, Obstetrics, Andrology and Artificial Insemination are readily



employable in the Veterinary Division of Federal, State and Local government public services where they are needed for Veterinary, clinical services, food animal production, pet care, and animal disease control and eradication programmes. They are also readily employed in livestock and poultry farms, Universities, Colleges of Agriculture, Research Institutes, the Police, Army, Immigrations, Zoos and Wild Life Reserves etc. A large proportion of Veterinary graduates go into private practice which had formed a strong anchorage for pet care and small scale animal production.

Higher degree graduates of the Department of Veterinary Obstetrics and Reproductive Diseases render specialized animal reproduction services in breeding farms, zoos and games reserves. They are also involved in research and training in areas of reproduction in universities, research institutes and veterinary divisions of other allied establishments.

### Department of Veterinary Parasitology and Entomology

#### Staff

D.N. Onah, D.V.M. (Nigeria), Ph.D. (Edinburgh), MCVSN FIIA, FCVSN.	Professor
C.O. Nwosu D.V.M. (Nigeria), M.Sc., Ph.D. (Ibadan)	Professor
R.C. Ezeokonkwo, D.V.M., M.Sc., PhD (Nigeria)	Professor
I.K. Idika, HND, D.V.M., M.Sc., Ph.D. (Nigeria), FCVSN	Senior Lecturer/Ag. Head
I. O. Ezech, D.V.M., M.Sc., (Nigeria).	Senior Lecturer
C.N. Iheagwam, D.V.M. M.Sc., (Nigeria).	Senior Lecturer
N.M. Uzonnah, D.V.M. (Nigeria), M.Sc., Ph.D. (Cape town)	Lecturer II
T. A. Nzeakor, D.V.M., M.Sc. (Nigeria)	Lecturer I
M. I. Okpala, D.V.M. (Nigeria)	Lecturer II
C.F. Obi, D.V.M., M.Sc. (Nigeria).	Lecturer II
F. N. Nnaji, HND	Senior technologist
O. P. Attah, HND	Technologist II
V. E. Uzordu, S.S.C.E., B.A. (Port-Harcourt)	PEO I
M. A. Arua, OND, B.Ed. (Nigeria)	Senior Data Proc. Officer II
C. D. Mba, B.Sc (Nigeria)	Higher Technical Officer II

### Department of Veterinary Pathology and Microbiology

#### Staff

S.V.O. Shoyinka, DVM (Ibadan), M.Sc., Ph.D. (Nigeria), FCVSN	Professor
K.F. Chah, DVM, M.Sc., Ph.D. (Nigeria), FCVSN	Professor
J.I. Ihedioha, DVM, M.Sc., Ph.D. (Nigeria), FCVSN	Professor
W.S. Ezema, DVM, M.Sc., Ph.D. (Nigeria), FCVSN	Professor
E.C. Okwor, DVM, M.Sc., Ph.D. (Nigeria), FCVSN	Reader/Head
D.C. Eze, DVM, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
I.C. Ugwu, DVM, MSc, PhD, (Nigeria), FCVSN	Senior Lecturer
A.C. Mgbahuruike, DVM (Nigeria) M.Sc. (Sweden) Ph.D. (Helsinki)	Senior Lecturer
C.U. Chukwudi, DVM (Nigeria), Ph.D (London)	Senior Lecturer
M.U. Anyanwu, HND, DVM, M.Sc. (Nigeria)	Lecturer I
A.O. Agina, DVM, M.Sc. (Nigeria)	Lecturer I
D.C. Anyogu, DVM, M.Sc. (Nigeria)	Lecturer I
C.K. Ezeasor, DVM (Nigeria), M.Sc. (Ibadan)	Lecturer I
C.I. Ugochukwu, DVM (Makurdi), M.Sc. (Nigeria)	Lecturer II
C.I. Aneke, DVM, M.Sc. (Nigeria)	Lecturer II
R. I. Onoja, DVM, M.Sc. (Nigeria)	Lecturer II
N. H. Ikenna-Eze, DVM, M.Sc. (Nigeria)	Lecturer II
J.N. Omeke, HND, DVM, M.Sc. (Nigeria)	Lecturer II
N.T. Emejuro, DVM (Maiduguri) M.Sc. (Nigeria)	Lecturer II
S.C. Okafor, DVM, M.Sc. (Nigeria)	Lecturer II
M.I Ngwu, BSc, MSc, PhD, (Nigeria)	Assistant Chief Medical Laboratory Technologist
K. Olorunfemi, BSc, (Ado-Ekiti)	Laboratory Technologist II
V. U. Onyidi, B.Sc., M.Sc. (Dip), (Nigeria)	Higher Technical Officer II
T. Onyishi	Senior Lab Supervisor
V.U Okagu, Dip., (Nigeria)	Assistant Executive Officer/Sectary

**History and Development of the Veterinary Faculty**

Veterinary practice started in Nigeria in 1914 through a soldier serving in the Royal Armed Forces who happened to be a veterinarian. The academic program in Veterinary profession at University of Nigeria, Nsukka started with a Higher Diploma in Animal Health and Husbandry in 1963- just 3 years after the opening of the University. At the beginning of the 1966/67 academic year, the program leading to the award of the professional degree of Doctor of Veterinary Medicine (DVM) was started but this was disrupted by the Nigerian Civil War. At the end of the war in 1970, the DVM program was revived with an initial intake of about twenty students. Between 1970 and 1980 the program operated as part of the Faculty of Agriculture and Veterinary Sciences, first as a single Department and by 1975/76 with three Departments.

Veterinary program attained a Faculty status in 1980 with a concomitant expansion to 6 Departments-Veterinary Anatomy; Veterinary Physiology, Pharmacology and Animal Production; Veterinary Parasitology and Entomology; Veterinary Pathology, Microbiology and Public Health; Veterinary Medicine and Veterinary Surgery and Obstetrics. Some 24 years later, in compliance with and fulfillment of the recommendations and demands of Veterinary Council of Nigeria (VCN) and the National Universities Commission (NUC) Accreditation Visitation Teams, three new Departments-Veterinary Public Health and Preventive Medicine; Animal Health and Production and Veterinary Obstetrics and Reproductive Diseases, were carved out from the existing Departments, bringing the total number of Departments to nine.

**Objectives**

The broad base objective of the program is to produce highly motivated and adaptable Veterinary Surgeons, who are well equipped to embark on a successful career in Veterinary Practice, Public health and preventive medicine; in biomedical, and livestock industries, and who are to become the academic teachers and researchers of the future.

The program shall be to promote excellence, achieve and sustain high national and international standing in teaching and learning through provision of broad and balanced foundation courses in Veterinary Medicine with adequate practical exposure; developing in the students' ability to apply biomedical knowledge and skill to clinical problems, disease control, livestock production, and to environmental problems; developing in the students a range of transferable skills of value in clinical and non-clinical employment; and providing the students with knowledge and skills from which they can pursue further studies in specialized areas of Veterinary Medicine and in multidisciplinary areas.

**Philosophy**

Veterinary Medicine is a professional discipline, which develops and exposes the students to multi-disciplinary dimensions of modern livestock health management, production and public health, in order to produce high level Veterinary manpower in the country. The program also, prepares students for high level academic and research capabilities. The concepts of veterinary economics and entrepreneurship have been incorporated to expose the students to the ever increasing trend towards private veterinary practice.

**Scope**

Veterinary Medicine is both a science and an art dealing primarily with the health and diseases of animals; their diagnosis, treatment, prevention and eradication. The science embodies special knowledge gained through training, observations, and research. The art involves the personal skill and ability to make practical use of the special knowledge gained.

Veterinary Medicine is vital to our national development because the profession is intimately related to both Agriculture and Human Health. A career in Veterinary Medicine therefore entails the study and practical application of aspects of agricultural and medical sciences.

In relation to Agriculture, the veterinary profession is directly involved in livestock production and management through the protection of animal health, alleviation of animal suffering, improvement of livestock breeds and production methods, and promotion of farm animal industry.

Veterinary profession relates to human health in two ways: Firstly, diseases which affect food producing animals (cattle, sheep, goats, pigs, fish, etc) and reduce animal productivity have adverse effects on human health by reducing animal protein available to man. By safeguarding food supply derived from animal sources (meat, milk, eggs, etc), the veterinary profession achieves its ultimate goal-the promotion of human health. Secondly, several animal diseases (rabies, tuberculosis, tapeworms, bird flu, etc) are transmitted from animals to man and thereby endanger human health. It is the veterinarian's

responsibility to acquire knowledge and carry out necessary measures to control these diseases in animals and thus reduce human exposures and infections.

The veterinary profession is committed to the advancement of medical knowledge and veterinarians have made significant contributions to studies in human and animal health problems. Human medicine derives much on information gained through experiments in animals carried out by veterinarians and other scientists. New drugs, new vaccines, new techniques in surgery are often tested in animals before being introduced for human use.

John Dunlop, a veterinary surgeon having observed the anatomical structure and function of the hoof of the horse, constructed the first pneumatic rubber tyre. The tyre operates on the same principle as the horse hoof. His invention gave rise to the now famous Dunlop tyres.

Although veterinary practice is restricted to animals, the first successful caesarean section on a living woman was performed by Jacob Nuffer, a Swiss veterinary surgeon. Gason Ramon, a French veterinarian developed the first toxoids against the diseases, Diphtheria and Tetanus. Both toxoids make up 2 of the 3 vaccines now used as TRIPPLE VACCINE for immunization of children. The BCG vaccine against tuberculosis was produced through the collaboration of a veterinary scientist (Calmette) and a physician (GUERIN).

#### **Undergraduate Courses Offered by the Department of Veterinary Pathology and Microbiology**

VPM342: General Veterinary Microbiology

VPM 344: General Veterinary Pathology

VPM 346: General Veterinary Immunology

VPM441: Veterinary Bacteriology

VPM442: Pathology of the Digestive and Urinogenital Systems

VPM443: Veterinary mycology

VPM 444: Pathology of Integumentary, Musculoskeletal, and Nervous Systems

VPM 445: Veterinary Virology

VPM446: Pathology of Bacterial, Viral, and Poultry Diseases

VPM 447: Pathology of the Haematopoietic, Cardiovascular, Respiratory, and Special Sensory Systems

VPM 448: Pathology of Fungal, Protozoan, Parasitic, Nutritional, Metabolic, and Endocrine Disease

VPM 641: Veterinary Clinical Pathology (Haematology, Clinical Biochemistry, and Cytology)

#### **Department of Veterinary Physiology and Pharmacology**

##### **Staff**

I. U. Asuzu, DVM, (Nigeria), MS.C, Ph.D. (Nigeria)	Professor
U.C. Nwocha, DVM (Nigeria), M.PHILL (Hong), Ph.D. (Nigeria.)	Professor
I.I. Madubunyi, B.Sc., M.Sc. (Nigeria), Ph.D. (Imunich)	Professor/Head
A. O. Anaga, DVM, M.Sc., Ph.D. (Nigeria)	Professor
S.C. Udem, DVM, M.Sc., Ph.D. (Nigeria)	Professor
I. R.Obidike, DVN, M.Sc., Ph.D. (Nigeria)	Professor
L. O. Aka, DVM, M.Sc., Ph.D. (Nigeria)	Reader
T. E. Ihedioha, DVM, M.Sc. (Nigeria)	Lecturer I
R. I. Odo, DVM, M.Sc., Ph.D. (Nigeria)	Senior Lecturer
I.G. Eke, DVM, M.Sc, Ph.D. (Nigeria)	Senior Lecturer
P. E. Aba, DVM, M.Sc., Ph.D. (Nigeria)	Lecturer I
E. C. Mbegbu, HND, DVM, M.Sc., (Nigeria)	Lecturer I
C.U Nwaigwe, DVM, M.Sc., (Nigeria)	Lecturer I
G.M. Ugwuoke, DVM, M.Sc., (Nigeria)	Lecturer I
M.E. Awachie, DVM (Ife),	Lecturer I
H. E. Ugwuanyi, DVM, M.Sc. (Nigeria)	Lecturer I
S. C. David, DVM (Nigeria)	Lecturer I
M. C. Onu, HND	Senior Technologist
O. V.Ugwuanyi, OND, HND	Technologist I
P.C. Ekeneme, OND, HND, B.Sc.	Senior System Analyst/ Senior Programmer
D.U. Ezea, NISTL, NCEMD, (Nigeria)	Senior Technical Supervisor
A N. Onuoha, HND	Higher Laboratory Supervisor

#### **Courses Offered**

**Second Year**

CODE	TITLE	UNITS
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**First Semester**

VPP 211	Introductory Physiology, Blood, Cardiovascular, Respiratory Systems and Comparative Physiology of Gastrointestinal Tract	5
VPP 213	Introductory Veterinary Biochemistry	4

**Second Semester**

CODE	TITLE	UNITS
VPP 214	General Veterinary Biochemistry	4
VPP 212	Neuromuscular Systems, Sense Organs and Environmental Physiology	4

**Third Year**

CODE	TITLE	UNITS
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**First Semester**

CODE	TITLE	UNITS
VPP 311	Veterinary Biochemistry of Body Fluids	4
VPP 313	Renal Function and Body Fluid, Reproductive System and Endocrinology	5

**Second Semester**

CODE	TITLE	UNITS
VPP 312	General Veterinary Pharmacology	3

**Fourth Year**

CODE	TITLE	UNITS
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**First Semester**

VPP 411	Systemic Veterinary Pharmacology	2
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**Second Semester**

CODE	TITLE	UNITS
VPP 412	Veterinary Chemotherapy	2
VPP 414	Veterinary Toxicology	2

**Sixth Year**

CODE	TITLE	UNITS
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**First Semester**

VPP 611	Veterinary Clinical Pharmacology and toxicology	1
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**Department of Veterinary Public Health and Preventive Medicine****Staff**

J.A. Nwanta, DVM (Nigeria), M.Sc., Ph.D (Zaria)	Professor/Head
J.I. Onunkwo, DVM, M.Sc. (Nigeria)	Reader
E.V. Ezenduka, DVM, M.Sc., Ph.D (Nigeria)	Senior Lecturer
J.O. Okorie-Kanu, DVM, M.Sc. (Nigeria)	Lecturer I
I.O. Nwankwo, DVM (Nigeria) MVPH, Ph.D (Sokoto)	Lecturer I
A.J. Ogugua, DVM (Nigeria), MVPM, Ph.D (Ibadan)	Lecturer I
E.O. Njoga, DVM, M.Sc. (Nigeria)	Lecturer I
C.O. Anyaoha, DVM, M.Sc. (Nigeria)	Lecturer I
L.O. Obodoechi, DVM, M.Sc. (Nigeria)	Lecturer II
F. Oyeleye, DVM, M.Sc. (Ibadan)	Lecturer II
O. C. Nwobi, DVM (Nigeria)	Lecturer II
S. N. Ikechukwu, FIMLT/s, AIMLT	Asst. Chief Med. Lab. Tech.
R.O. Ugwuanyi, HND	Principal Anim. Health Sup. I
G. A. Nwobodo B.Ed. (Enugu)	Senior Executive Officer

**Brief Background**

The Department of Veterinary Public Health and Preventive Medicine was carved out of the conglomerate Department of Veterinary Pathology, Microbiology and Public Health in 2004.

The Department is involved with the training and graduating of undergraduates (DVM) students in the Faculty of Veterinary Medicine and postgraduate students in the following discipline of the Veterinary Public Health; Epidemiology, Zoonoses, Biostatistics, Veterinary Economics, Jurisprudence, Preventive Medicine, Food Hygiene/Food Safety, Environmental Health, and Computer Application in Veterinary Medicine.

The Department carries out collaborative research and Community Services in the areas of Meat Inspection at abattoirs and slaughter houses within our catchment areas (Eastern zone). The Department

undertakes mass vaccination programmes and has been involved in the surveillance of major Epizootics (Rinderpest, Trypanosomosis, Avian Influenza, Rabies) within the southeast zone of Anambra, Enugu, Ebonyi, Imo and Abia States.

The Department has been recognized as one of the centres of excellence by the Veterinary Council of Nigeria. By this development, the Public Health Faculty of the Veterinary Surgeons of Nigeria is domiciled in the Department.

### **Undergraduate Academic Programme**

Fifth Year (DVM IV) – Veterinary Medicine		UNITS
VPH 521	Zoonosis and Environmental Health	2
VPH 523	Meat, Milk and Fish Hygiene	2
VPH 525	Epidemiology and Veterinary Economics	2
VPH 527	Biostatistics and Computer Application	2
VPH 529	Veterinary Preventive Medicine and Jurisprudence	2

### **General Information and Academic Programme (Faculty)**

The Faculty of Veterinary Medicine offers a degree programme leading to the award of Doctor of Veterinary Medicine degree. The course extends over a minimum of 6 years for JME candidates and 5 years of Direct Entry candidates. It comprises a pre-professional phase of oneyear duration and a professional phase of five-year duration (DVM I to V).

### **Philosophy, Objectives and Scope of the Programme**

The programme is structured to inculcate the understanding of basic anatomic and physiologic features of a range of normal animals as a prelude to the assessment of deviations in various disease conditions. The inter-relationship of production disease and management must be appreciated. The programme emphasizes the philosophy that the profession exists to alleviate the suffering caused by diseases to animals, encourage production of animals, encourage production of animals to satisfy various human needs and to ensure human health by prevention of Zoonic diseases. The aim of the programme is to produce well trained graduates who will become self-employed veterinarians. The professional programme is based a 20-week semester.

### **Entry Requirements**

JME Entry Requirements: Prospective candidates must satisfy both the University minimum entry and specified Faculty requirements. The Faculty specifically requires that a candidate must have passed Chemistry Mathematics, Physics, and Biology at least at credit level in Senior Secondary School Certificate, GCE O/L or an equivalent examination. The subjects to be taken in JME are Chemistry, Physics Biology and English Language.

### **Direct Entry Requirements**

Candidates must have passes at GCE A/L or HSC or an equivalent examination in Chemistry, Biology and Physics in addition to credit in Mathematics in SSCE or GCE O/L or an equivalent examination. Holders of Higher Diploma in Animal Health and Husbandry of the University of Nigeria or other equivalent Diploma, plus credit in Physics and Mathematics in GCE/OL or equivalent are also eligible for Direct Entry admission.

### **Job Opportunities**

Veterinary Medicine is closely related to human Medicine as, well as, pharmaceutical, biological and animal sciences. Thus its study is of importance in understanding public health and ecological problems. With this background and education, the Veterinarian has many employment opportunities. Some of the exiting career opportunities in Veterinary Medicine in Nigeria are as follows:

**Government Services:** Federal, State or Local Governments with assignments in food animal production, disease control and eradication; meat inspection, public health, animal disease research and administrative positions.

**Public health:** Veterinarians are employed by several agencies for formulating and reforming many food and sanity laws related to public and animals.

**Teaching and Research:** Veterinarians are employed in various veterinary and Medical faculties Research Institutes. Veterinary / Biological production and Animal Research institutes, Veterinary Biological product and animal diseases investigation centres and in schools training livestock diseases, investigation centres and in School training Livestock Assistance farm personnel.

**Industry:** Those dealing with development and production of pharmaceuticals and food to both

human use as well as in their quality control and marking employed veterinarians.

**Private Practice:** With increase in number of companion animals (dogs, cats, birds) being reared by Nigerians, performance animals (horse) and commercial livestock production in private and public sectors, private veterinary practice has become the most lucrative avenue for self-employment of veterinarians in Nigeria.

**Extension Veterinarians:** Mostly employed by Federal or State Ministries for disseminating the research findings of veterinary faculties and research institutes to livestock and poultry farmers, as well as identifying the problems in the field that can be solved by the above faculties and research institutes.

**Fish, Zoo and Wild Life Medicine:** With the establishment of more wild game reserves and zoos and fish ponds there is increased scope of employment for veterinarians in these areas.

**Police Force:** With increase in the number of mounted troops and police dogs, more veterinarians are recruited by the Nigerian Police Force to cater for the welfare of these animals.

**Nigeria Army:** The Nigerian Armed Forces also recruit Veterinarians as Officers to cater for the welfare of animals used by mounted troops.

#### Stress Areas

Veterinary Anatomy	VA	0
Veterinary Biochemistry	VPP	1
Veterinary Physiology	VPP	2
Veterinary Public Health	VPH	2
Veterinary Pharmacology	VPP	3
Animal Production	AHP	4
Veterinary Microbiology	VPM	5
Veterinary Parasitology	VPE	6
Veterinary Pathology	VPM	7
Veterinary Medicine	VM	8
Veterinary Theriogenology	ORD	8
Veterinary Surgery	VS	9
Veterinary Clinics	FVM	0
Project	FVM	1

#### First Year (Pre-Veterinary)

##### First Semester

##### Required Ancillary Courses

CHM 101	Basic Principles of Chemistry	2
CHM 171	Basic Principle for Life Science I	2
PHY 101	General Physics for Life Science I	2
PHY 191	Practical Physics I	2
BIO 151	General Biology I	3
MTH 111	General Mathematics I	3

##### General Studies Courses

GSP 101	The Use of English I	2
GSP 103	Social Sciences I	2

##### Electives

AG 201	General Agriculture	3
		<hr/> 18/21

##### Second Semester

FVM 101	Introduction to Veterinary to Medicine II	2
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##### Required Ancillary Courses

CHM 111	Basic Principles of Chemistry II	2
CHM 121	Basic Principles of Chemistry III	3
BIO 152	General Biology II	3
BIO 153	General Biology (Practical)	3
PHY 102	General Physics for Life Sciences II	3
PHY 103	General Physics for Life Sciences III	2

##### General Studies Courses

GSP 102	The Use of English II	2
GSP 104	Social Sciences II	2
		<hr/> 22

#### Second Year (DVM I)

*First Semester*

VA 201	Introductory Veterinary Anatomy	5
VPP 221	Introductory Physiology, Blood Cardiovascular, Respiratory Systems and Comparative Physiology of Gastrointestinal Tract	5
VPP 211	Introductory Biochemistry	4
BCH 201	General Biochemistry I	3
GSP 101	The Use of English I (Direct Entry Students)	2
GSP 207	Humanities I	2
<i>Elective</i>		3
COS 101	Introduction to Computer Science	2
	Entrance Students	19/21
	Direct Entry Students	21/23

*Second Semester*

VA 202	Basic Splanchnology	6
VA 203	Embryology	4
VPP 222	Neuromuscular Systems, Sense Organs and Environmental Physiology	4
VPP 212	General Veterinary Biochemistry	4
GSP 102	The Use of English II (Direct Entry Students)	2
GSP 208	Humanities II	2
	Entrance Students	20
	Direct Entry Students	22

**Third Year  
(DVM II)***First Semester*

VA 301	Systemic Microscopy and Developmental Anatomy	4
VPP 311	Veterinary Biochemistry	4
VPP 321	Renal Function and Body fluid Reproduction and Endocrinology	5
AHP 341	Principles of Animal Nutrition in Health	3
<i>Elective</i>		
AGE 201	Principles of Agricultural Economics	4
		16/20

*Second Semester*

VPP 331	General Veterinary Pharmacology	3
AHP 342	Small Ruminant and Microlivestock Health and Management	3
VPM 351	General Veterinary Microbiology and Immunology	5
VPE 361	Veterinary Helminthology I	3
VPM 371	General Veterinary Pathology	3
<i>Elective</i>		
VTE 133	Elements of Business	4
		17/21

**Fourth Year (DVM III)***First Semester*

VPP 431	Systemic Veterinary Pharmacology	2
AHP 441	Large Ruminant Health and Management	3
VPM 451	Veterinary Bacteriology I	2
VPM 452	Veterinary Bacteriology II	2
VPM 453	Veterinary Virology	2
VPE 461	Veterinary Helminthology	4
VPE 462	Veterinary Entomology	2
VPE 463	Veterinary Protozoology	2
VPM 471	Systemic Veterinary Pathology I	2
ORD 481	Andrology and Artificial Insemination	2
		23

*Second Semester*

VPP 432	Veterinary Chemotherapy	2
VPP 433	Veterinary Toxicology	2
AHP 442	Swine and Poultry Health Management	2
VPM 472	Systemic Veterinary Pathology II	2

VPM 473	Systemic Veterinary Pathology III	2
VPM 474	Special Veterinary Pathology I	2
VPM 475	Special Veterinary Pathology II	2
VM 481	Introduction to Veterinary Medicine	2
VM 482	Diagnostic Veterinary Medicine	2
VS 491	Introductory Surgery	2
VS 492	Anaesthesiology	2
		<hr/> 22

**Fifth Year (DVM IV)***First Semester*

VPH 521	Zoonosis and Environmental Health	2
VPH 522	Meat, Milk and Fish Hygiene	2
AHP 541	Microeconomics and Biotechnology in Animal Health and Production	2
VPH 523	Epidemiology and Veterinary Economics	2
VPH 524	Biostatistics and Computer Application	2
VM 582	Equine Medicine	2
VM 583	Porcine Medicine	2
ORD 581	Obstetrics	3
ORD 582	Gynaecology, Udder Health Management and Neonatal Diseases	3
VS 591	Surgery of the Abdomen	2
VA 501	Applied Anatomy	2
		<hr/> 24

*Second Semester*

VM 584	Ruminant Medicine	3
VM 585	Small Animal Medicine	2
VM 586	Avian Medicine	2
VM 587	Aquatic, Laboratory and Wildlife Medicine	2
VS 592	Veterinary Radiology	3
VS 593	Small Animal Surgery	3
VS 594	Orthopaedics and Lameness	3
VPM 571	Clinical Veterinary Pathology, Haematology and Biochemistry	3
VPH 525	Veterinary Preventive Medicine and Jurisprudence	2
		<hr/> 23

**Sixth Year (DVM V)***First Semester*

VA 601	Applied Anatomy	2
VPP 631	Veterinary Clinical Pharmacology and Toxicology	1
VPE 661	Veterinary Clinical Parasitology	1
FVM 601	Clinics I	25
FVM 611	Project I	3
		<hr/> 32

*Second Semester*

FVM 602	Clinics II	20
FVM 612	Project II	3
		<hr/> 23

**Veterinary Teaching Hospital****Staff**

S. O. Udegbonam, DVM. M.Sc. Ph.D. (Nigeria)	Professor/Director
G.O.Uchendu, DVM. (Nigeria)	Principal Veterinary Officer
O.A.Kolade, DVM, M.Sc. (Ibadan)	Senior Veterinary Officer
C.J.F. Akporeha, DVM. (Nigeria)	Veterinary Officer
I.J. Udeani, DVM. M.Sc. (Nigeria)	Veterinary Officer
C.I.Ubakama, DVM. (Nigeria)	Veterinary Officer
S. Okorie, DVM. (Nigeria)	Veterinary Officer
E.O. Odo, HND	Senior Confidential Secretary
G.N.Ogbonna, HND	Principal Animal Health Superintendent II
E.C. Kanu, HND	Principal Animal Health Superintendent II



R.O. Ede, HND  
 G.N. Ugwu, B.Sc.(Nigeria)  
 N. Obidike, HND  
 P.I. Abonyi, HND  
 G.I.Ugwuma, OND  
 J.A. Onah, NCE  
 G.N. Eze, NCE  
 C.K.Onah, NCE

Principal Animal Health Superintendent II  
 Medical Laboratory Scientist I  
 Animal Health Superintendent  
 Senior Data Processing Officer  
 Principal Laboratory Supervisor  
 Senior Clerical Officer  
 Laboratory Assistant/Receptionists  
 Zoo Keeper



Sixth Regional Conference of Vice Chancellors, Provosts, and Deans of Science Faculties, Engineering, and Technology hosted by the University of Nigeria, Nsukka; the hosting Vice Chancellor, Professor B.C. Ozumba is second from the left.

**Faculty of Vocational and Technical Education****Dean's Office****Staff**

E.E. Agomuo, B.Sc, PGD, M.Ed (Nigeria), Ph.D (Jos)  
 N.M. Eze, B.Sc, M.Ed, Ph.D (Nigeria)  
 F. E. Ajibo, B.A. Ed., M.Ed (Nigeria)

A.R. Onuoha, B.A., TRCN (Nigeria)  
 A.C Nwigwe, Dip., B.Ed. (Nigeria)  
 J.J. Uko, B.Sc. (Enugu)

Dean  
 Associate Dean  
 Assistant Registrar/Faculty  
 Officer  
 Higher Technical Officer II  
 Higher Technical Officer II  
 Senior Computer Operator/  
 Executive Officer

**Department of Agricultural Education****Staff**

E.C. Osinem, B.Sc., M.Ed., Ph.D. (Nigeria)  
 S.O. Olaitan, B.Sc. (Ed) (Nigeria), M.Ed. (USA), Ph.D. (USA)  
 F.M. Onu, B.Sc., M.Ed., Ph.D. (Nigeria)  
 J.A. Ukonze, B.Sc., M.Ed., Ph.D. (Nigeria)  
 F.O. Ifeanyieze, B.Sc., M.Ed., Ph.D. (Nigeria)  
 T.E. Ejiofor, B.Sc., M.Ed., Ph.D. (Nigeria)  
 C.U. Ugwuoke, B.Sc., M.Ed. (Nigeria), International Dip. (Netherlands)  
 C.U. Nwachukwu, B.Sc., M.Ed., Ph.D. (Nigeria)  
 R.N. Agbenka, B.Sc. (Nigeria), M.Ed. (Nigeria), Ph.D. (USA)  
 O.O. Ashagwu, B.Sc. (Calabar), M.Ed., Ph.D. (Nigeria)  
 M.M. Ikehi, B.Sc. (Uniben), M.Ed. (Nigeria)  
 C.C. Ali, B.Sc. (Nigeria), M.Ed. (Nigeria)  
 C.R. Okwo, B. Agric Tech (Owerri), PGDE, M.Sc., M.Ed. (Nigeria),  
 B.N. Njorkun, B.Sc. (Nigeria)  
 I.H. Okendu, B.Sc. (Owerri)  
 N.R. Okoye, B.Ed. (Nigeria)  
 C.C. Onovo, B.Ed., M.Ed. (Nigeria)

Professor  
 Professor  
 Senior Lecturer/Ag. Head  
 Senior Lecturer  
 Lecturer I  
 Lecturer I  
 Lecturer II  
 Lecturer II  
 Lecturer II  
 Lecturer II  
 Lecturer II  
 Assistant Lecturer  
 Instructor II  
 Instructor II  
 Instructor II  
 Instructor II  
 PE. I /Secretary  
 HEO

**General Information****Entry Requirements****(a) UTME**

4-year degree programme:

Credits in any five subjects which must include: English Language, Agricultural Science or Biology or Animal Husbandry or Fishery plus at least a pass in Chemistry in SSCE/GCE (O'L), NECO/NABTEB or their equivalent, obtained in not more than two sittings.

**(b) Direct Entry (DE)**

3-year degree programme:

- (i) A pass in NCE Agricultural Science plus, at least, a pass in O'level Chemistry.
- (ii) GCE A'level pass in any two of the following: Agricultural Science, Chemistry, Physics, Botany, Zoology, Mathematics and Economics.
- (iii) National Diploma (ND) or Diploma from any recognized Nigerian School of Agriculture, or Faculty of Agriculture of any recognized University.

Candidates with University Diploma at a minimum of Merit level, in the following disciplines listed below and who possess the University minimum entry requirements plus, at least a pass in Chemistry at SSCE/GCE (O'L)/NECO/ NABTEB may be considered for Direct Entry admission but will run a 4 year programme:

- (i) Diploma in Computer Education or Computer Science
- (ii) Diploma in Social Work
- (iii) Diploma in Adult Education
- (iv) Diploma in Environmental Protection and Management

Candidates with a pass level at NCE will run a four-year degree programme.

**Job Opportunities**

Graduates of the degree programme in Agricultural Education can obtain employment as teachers in secondary schools or technical colleges and colleges of education. The programme is generally geared towards the fulfilment of the need for professionally qualified technical teachers who can impart

technical knowledge and vocational skills to their students in various agricultural areas and thereby contribute to the economic development of Nigeria. Agricultural Science at the Junior and senior secondary schools will adequately be taught by graduates of the programme. More importantly the graduates can be self-employed on graduation in Agriculture related occupations and can work in Ministries of Agriculture (Extension Unit) and parastatals.

### Stress Areas

Foundation	0
Land and Resource Development	1
Land Use and Planning	2
Taxation and Rating	3
Arbitration and Awards	4
Property Management	5
Valuation	6
Estate and Development Finance	7
Feasibility & Viability Appraisals	8
Project/Dissertation	9

### Four-Year Standard Programme in Agricultural Education

#### First Year

##### *First Semester*

CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 101	Introduction to Education	2
VTE 101	Foundations of Technology Education	2
VTE111	Farm Mechanics Education	2
VTE 113	Agricultural Financing & Marketing	2
VTE 115	Live Stock Production Education I	2
<i>Required Ancillary Courses</i>		
CHM 101	Basic Principles of Inorganic Chemistry	2
CHM 171	Basic Practical Chemistry	2
COS 101	Introduction to Computer Science	2
AGR 201	Introduction to General Agriculture	3
<i>General Studies Courses</i>		
GSP 101	The Use of English I	2
GSP 201	The Social Sciences	2
		23

##### *Second Semester*

CODE	TITLE	UNITS
<i>Major Courses</i>		
VTE 112	Management of the School Farm I	2
VTE 114	Production Techniques in Agriculture	2
VTE 116	School Farm Tools and Equipment Maintenance	2
VTE 118	Forest Management Education	2
<i>Required Ancillary Courses</i>		
CHM 112	Basic Principles of Physical Chemistry	2
CHM 122	Basic Principles of Organic Chemistry	2
<i>General Studies Courses</i>		
GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
		16

#### Second Year

##### *First Semester*

CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	2
VTE 201	Industrial Work Experience I	1
VTE 211	Farm Technology	2
VTE 213	Methodology in Agricultural Education	2

VTE 215	Agricultural Field Experience I	1
VTE 217	Agro Climatology	2
VTE 219	Soil Fertility & Fertilizer Management Edu.	2
<i>Required Ancillary Courses</i>		
ANS 241	Introduction to Nutrition, Anatomy and Physiology of Farm Animals	3
BIO 151	General Biology I	2
STA 131	Inference I	2
<i>General Studies Course</i>		
GSP 207	Humanities I	2
		<hr/> 24
<b>Second Semester</b>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 224	Educational Technology	2
EDU 312	Educational Psychology II	2
VTE 212	Agricultural Field Experience II (Crops)	1
VTE 214	Live Stock Production Education II(Ruminants)	2
<i>Required Ancillary Courses</i>		
AGE 202	Principles of Agricultural Economics	4
BIO 152	General Biology II	3
BIO 154	General Biology – Practical	2
STA132	Inference II	2
<i>General Studies Course</i>		
GSP 208	Humanities II	2
		<hr/> 20
<b>Third Year</b>		
<i>First Semester</i>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 325	Teaching Practice I	3
VTE 311	Fish and Fish Pond Management in Schools	2
VTE 313	Post Production Technology in Agricultural Edu.	2
VTE 315	Introduction to Economics of Agricultural Edu.	2
VTE 317	Live Stock Production III (Monogastric)	2
VTE 319	Manipulative Skills in Agricultural Education	2
<i>Required Ancillary Courses</i>		
SSC 211	Principles of Soil Science	2
CED 341	Introduction to Entrepreneurship	2
		<hr/> 17
<i>Second Semester</i>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 322	Curriculum Implementation & Instruction	3
VTE 302	Industrial Work Experience II	6
VTE 304	Research Design in Technology Education	2
VTE 312	Continuous Assessment in Agric. Educ.	2
VTE 314	Management of School Farm	2
<i>Required Ancillary Courses</i>		
SSC 561	Soil Chemistry and Micro Biology	2
COS 304	Computer Applications	2
ANS 222	Introduction to Agricultural Biochemistry	2
CED 342	Business Development and Management	2
		<hr/> 23
<b>Fourth Year</b>		
<i>First Semester</i>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 425	Practical Teaching II	3
VTE 401	Vocational Guidance	2
VTE 413	Farmer Education and Productivity in Agric.	2

VTE 415	Environmental Education in Agriculture	2
VTE 417	Youth Organisation Programme in Agric. Edu.	2
VTE 419	Entrepreneurship in Agric Edu.	2
<i>Required Ancillary Courses</i>		
CSC 521	Field Crops	2
CSC 541	Vegetable Crops	2
ANS 411	Animal Nutrition II	3
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 442	Measurement and Evaluation	2
VTE 402	Administration of Technology Education	2
VTE 412	Soil Erosion Management Education	2
VTE 414	Seminar in Agricultural Education	2
VTE 416	Public Relations in Agricultural Education	2
VTE 490	Project	4
<i>Required Ancillary Courses</i>		
CSC 542	Plantation Crops	2
		<hr/> 16

**Three-Year Standard Programme in Agricultural Education**

**First Year**

**First Semester**

CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 101	Introduction to Education	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
VTE 101	Foundation of Technology Education	2
VTE 111	Farm Mechanics Education	2
VTE 113	Agricultural Financing and Marketing Edu.	2
VTE 215	Agricultural Field Experience I	1
<i>Required Ancillary Courses</i>		
ANS 241	Introduction to Nutrition, Anatomy and Physiology of Farm Animals	2
COS 101	Introduction to Computer Science	1
<i>General Studies Courses</i>		
GSP 101	The Use of English I	2
GSP 201	The Social Sciences	2
GSP 207	Humanities I	2
		<hr/> 24

**Second Semester**

CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 224	Educational Technology	2
VTE 112	Management of School Farm I	2
VTE 114	Production Techniques in Agriculture	2
VTE 116	School Farm Tools and Equipment Maintenance	2
VTE 118	Forest Management Education	2
VTE 212	Agricultural Field Experience II (Crops)	1
<i>Required Ancillary Courses</i>		
AGE 202	Principles of Agricultural Economics	4
ANS 222	Introduction of Agricultural Biochemistry	2
<i>General Studies Courses</i>		
GSP 102	The Use of English II	2
GSP 208	Humanities II	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
		<hr/> 23

**Second Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 325	Teaching Practice I	3
VTE 201	Industrial Work Experience I	1
VTE 211	Farm Technology	2
VTE 213	Methodology in Agricultural Education	2
VTE 217	Agro Climatology	2
VTE 311	Fishing and Fish Pond Management in Schools	2
VTE 313	Post Production Technology in Agric. Educ.	2
VTE 315	Introduction to Economics of Agric. Educ.	2
VTE 319	Manipulative Skills in Agric	2
<i>Required Ancillary Courses</i>		
SSC 211	Principles of Soil Science	2
STA 131	Inference I	2
CED 341	Introduction to Entrepreneurship	2
		<hr/> 24
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 312	Educational Psychology II	2
EDU 322	Curriculum Implementation and Instruction	3
VTE 302	Industrial Work Experience II	6
VTE 304	Research Design in Technology Education	2
VTE 312	Continuous Assessment in Agric. Education	2
VTE 314	Management of School Farm II	2
<i>Required Ancillary Courses</i>		
COS 304	Computer Application	2
CED 342	Business Development and Management	2
		<hr/> 21
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 425	Teaching Practice II	3
VTE 317	Live Stock Production Education III (Monogastrics)	2
VTE 401	Vocational Guidance	2
VTE 413	Farmer Education and Productivity in Agric Edu.	2
VTE 415	Environmental Education in Agriculture	2
VTE 417	Youth Organisation Programme in Agric Edu.	2
VTE 419	Entrepreneurship in Agric Education	2
<i>Required Ancillary Courses</i>		
CSC 521	Field Crops	2
CSC 541	Vegetable Crops	2
ANS 411	Animal Nutrition II	3
		<hr/> 22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 442	Measurement and Evaluation	2
VTE 412	Soil Erosion Management Education	2
VTE 414	Seminar in Agricultural Education	2
VTE 416	Public Relations in Agric. Education	2
VTE 490	Project	4
<i>Required Ancillary Courses</i>		
SSC 362	Soil Chemistry and Microbiology	2
CSC 542	Plantation Crops	2
		<hr/> 18

### Department of Business Education

#### Staff

C.A. Obi, B.Sc., M.Ed., Ph.D. (Nigeria)	Professor/Head
E.E. Agomuo, B.Sc., M.Ed., Ph.D. (Nigeria)	Professor
J.N. Chukwuma, HND, PGDTE, M.Ed. (Nigeria), PGD (Owerri), Ph.D. (Nigeria)	Lecturer I
E.O. Ugwoke, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer I
A.U. Uzuagu, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer I
C.C. Kanu, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer II
J.C. Ezemma, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer II
S. U. Agbo, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer II
O. O. Okanazu, B.Sc. M.Ed. (Nigeria)	Lecturer II
M. A. Madu, B.Sc (Enugu), M.Ed. (Nigeria)	Lecturer II
C. N. Anyakoha, B.Sc. (Nigeria) M.Sc. (U.K) PGDE (Nigeria)	Lecturer II
T. O. Olinya, B.Sc., M.Ed.	Assistant Lecturer
L. O. Nwandu, B.Sc. (Nigeria)	Graduate Assistant
F. A. Moghalu, B.Sc. (Nigeria)	Graduate Assistant
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N. I. Edeh, B.Sc., M.Ed. (Nigeria)	Technical Instructor
E. J. Egbulonu, B.Sc. (Nigeria)	Technical Instructor II
E. E. Ebeje, B.Sc., PGDEA, M.Sc. (Nigeria)	Chief Executive Officer
U.V. Offia, B.Sc. (Delta)	Higher Technical Officer II
V.O. Udokwu, B.Sc. (Nigeria)	Higher Technical Officer II
B.N. Iheagwam, B.Sc., M.Ed. (Nigeria)	Higher Technical Officer II
O.M. Anyakora, B.Sc. (Enugu)	Higher Technical Officer II
P.I. Ezema, B.Sc. (Enugu)	Higher Technical Officer II
N.M. Osakwe, B.Sc. (Abia)	Higher Technical Officer II
L.N. Ani, HND (Enugu), PDE (TCOEN)	Higher Technical Officer II
C.U. Anyaku, B.Sc. (Imo)	Higher Technical Officer II
U.F. Umeadi, B.Sc. (Nigeria)	Higher Technical Officer II
A.P. Ezumezu, B.Sc. (Awka)	Higher Technical Officer II
N.E. Offiah, NCE(NOCEN)	Senior Technical Officer
J.N. Chukwuemeke, Dip. (Nigeria)	Executive Officer

#### Brief History

The Department of Business Education was among the departments established in 2015 from the former Department of Vocational Teacher Education. The former department had its original mandate under Ford Foundation Project Grant No.6400475 for \$380,000 in 1964. As one of the departments from inception of the Faculty of Vocational Teacher Education, Business Education was created to fill a gap between the normal conventional university education and education for skill acquisition. Its creation was aimed at providing the beneficiaries with a solid education for business, education for economic and job competency, education for career preparation and exploration as well as education for social and work adjustment. The Unit was originally at Enugu Campus of University of Nigeria till 1978 when it was moved to Nsukka Campus.

In Nigeria, Business Education programme was first established in the University of Nigeria following the recommendation of Akinson Committee Report of 1960, although the programme was run as a unit until 2015 when the Business Education Department came into existence. It is salient to note that as a result of the pioneering role of Business Education in the University of Nigeria, almost all the institutions that offer Business Education programmes in Nigeria at the university, polytechnic and college of education levels are administered by the products of this Department and or established their Business Education programme based on the departmental curriculum.

The Department of Business Education is made up of three broad units, namely: Accounting Education, Marketing Education and Management Education. It offers both undergraduate and postgraduate programmes. The curriculum of Business Education has been revised several times in response to the changing needs of the society. Today Computer-assisted Instruction is the mode of delivery.

#### Philosophy

The importance of Business Education has been recognized by the present state and federal governments in Nigeria. In consonance with the National Policy on Education, the Department of Business Education is charged to produce teachers who can effectively teach all business subjects at the post primary level of education and obtained gainful employment in the private and public sectors. Sociologically Business Education is important because individuals who have saleable skills would become socially and economically useful citizens in their communities.

### Objectives

The objectives of the Department of Business Education are to train teachers who can occupy teaching and leadership positions in secondary schools, technical colleges, colleges of education, universities and training programmes in business-related establishments. The Department also aims at making available to students opportunities to explore and learn the world of business and the possible interest and potential careers it has to offer. Another objective of the Department is to enable students to acquire basic skills in business occupations as beginners who expect to enter business as a career after graduation.

### Scope

The Department of Business Education has three major units: Accounting Education, Marketing Education and Management Education. Generally, Business Education offers bachelor degree programmes leading to the award of Degree of Bachelor of Science in Business Education at the undergraduate level and M.Ed. and Ph.D. at the postgraduate levels. The department offers two degree programmes at the undergraduate levels:

- i. 4-year standard degree programme for UTME candidates.
- ii. 3-year degree programme for Direct Entry candidates.

### Four-Year Standard Programme

#### First Year

##### First Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 101	Introduction to Education	2
EDU 211	Educational Psychology I	2
VTE 101	Foundations of Technology Education	2
VTE 131	Basic Keyboarding I	2
VTE 133	Shorthand I	2
<b>Required Ancillary Courses</b>		
ECO 101	Principles of Economics I	2
ACC 101	Elements of Accounting I	3
COS 101	Introduction to Computer Science	2
<b>General Studies Courses</b>		
GSP 101	Use of English I	2
GSP 105	Natural Science I	2
		<hr/> 21

##### Second Semester

CODE	TITLE	UNITS
<b>Major Courses</b>		
VTE 132	Basic Keyboarding II	2
VTE 134	Shorthand II	2
VTE 136	Elements of Business	2
VTE 138	Principles of Business and Marketing Education	2
<b>Required Ancillary Courses</b>		
ECO 102	Principles of Economics II	2
ACC 102	Elements of Accounting II	3
COS 102	Introduction to Computer Systems	2
<b>General Studies Courses</b>		
GSP 102	Use of English II	2
GSP 106	Natural Science II	2
		<hr/> 19

#### Second Year

##### First Semester

CODE	TITLE	UNITS
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**Major Courses**

VTE 201	Industrial Work Experience I	1
VTE 231	Advanced Shorthand I	2
VTE 232	Production Typewriting I	2
EDU 221	Curriculum Theory and Planning	2

**Required Ancillary Courses**

ACC 101	Elements of Accounting I	3
ECO 201	Micro Economic Theory I	2
MKT 201	Elements of Marketing	3

**General Studies Course**

GSP 207	Logic, Philosophy and Human Existence	2
GSP 201	Peace, Studies & Conflict Resolution I	2
		19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

VTE 233	Advanced Shorthand II	2
VTE 234	Production Typewriting II	2
VTE 236	Methodology in Business Education	2
EDU 311	Educational Psychology II	2

**Required Ancillary Courses**

MKT 301	Nigerian Marketing System & Commercial Policy	3
ACC 102	Elements of Accounting II	3
ECO 203	Micro Economic Theory II	2

**General Studies Courses**

GSP 208	Nigerian People & Culture	2
GSP 202	Peace Studies and Conflict Resolution II	2
		20

**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

VTE 301	Industrial Work Experience II	1
VTE 333	Business Law and Government Regulations	2
VTE 334	Principles of Small Business Management	2
EDU 325	Teaching Practice I	3
VTE 332	Transcription	3

**Required Ancillary Courses**

ACC 201	Introduction to Financial Accounting I	3
STA 201	Statistics for Social Sciences I	2
MKT 222	Business Communication	3
CED 341	Introduction to Entrepreneurship	2
		21

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

VTE 302	Evaluation in Vocational Education	2
VTE 304	Research Design in Vocational Education	2
EDU 321	Curriculum Implementation & Instruction	3

**Required Ancillary Courses**

COS 304	Computer Applications	3
ACC 202	Introduction to Financial Accounting II	3
STA 204	Statistics for Social Science II	2
CED 342	Business Development & Management	2
		17

**Fourth Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

VTE 401	Vocational Guidance	2	
VTE 433	Seminar in Business Education	2	
VTE 335	Business Organisation	2	
VTE 434	Office Technology	2	
EDU 425	Teaching Practice II	3	
EDU 411	Educational Psychology III	2	
<b>Required Ancillary Courses</b>			
ACC 251	Fundamentals of Govt. Accounting System	2	
<b>Electives: Choose one Course</b>			
MKT 431	Retail & Wholesale Management	2	2
MKT 321	Principle of Advertising	2	
ACC 311	Cost Accounting I	2	
			<hr/> 17
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
VTE 402	Administration of Vocational Education	2	
VTE 432	Consumer Economics	2	
VTE 431	Administrative Office Management	3	
EDU 442	Measurement and Evaluation	2	
VTE 491	Project	4	
<b>Electives: Choose one Course</b>			
ACC 312	Cost Accounting II	2	
MKT 351	Consumer Behaviour Analysis	3	2or3
MKT 331	Sales Management	2	
			<hr/> 15/16
<b>Three-Year Standard Programme</b>			
<b>First Year</b>			
<b>First Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
EDU 221	Curriculum Theory and Planning	2	
VTE 101	Foundations of Technology Education	2	
VTE 231	Word Processing I	2	
VTE 233	Advanced Shorthand I	2	
<b>Required Ancillary Courses</b>			
ACC 101	Introduction to Financial Accounting I	3	
MKT 201	Elements of Marketing	3	
ECO 201	Micro Economic Theory I	2	
STA 201	Statistics for Social Sciences I	2	
<b>General Studies Courses</b>			
GSP 101	Use of English I	2	
GSP 105	Natural Science I	2	
GSP 201	The Social Sciences	2	
			<hr/> 24
<b>Second Semester</b>			
CODE	TITLE		UNITS
<b>Major Courses</b>			
VTE 232	Word Processing II	2	
VTE 234	Advanced Shorthand II	2	
VTE 236	Methodology in Business Education	2	
MKT 222	Business Communication	3	
<b>Required Ancillary Courses</b>			
ACC 202	Introduction to Financial Accounting II	3	
ECO 203	Micro Economic Theory II	2	
STA 202	Statistics for the Social Sciences II	2	
<b>General Studies Courses</b>			
GSP 102	The Use of English II	2	
GSP 106	Natural Science II	2	
GSP 202	Issues in Peace and Conflict Resolution	2	

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**Second Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

VTE 301	Industrial Work Experience II	1
VTE 333	Business Law and Government Regulations	2
EDU 325	Teaching Practice I	3

**Required Ancillary Courses**

ACC 201	Introduction to Financial Accounting	3
ECO 201	Micro-Economics Theory I	2
MKT 301	Nigerian Marketing System & Com. Policy	3
STA 201	Statistics for Social Sciences I	2
MKT 222	Business Communication	3

**General Studies Course**

GSP 105	Natural Science I	2
GSP 201	Peace Studies & Conflict Resolution I	2
		23

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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

VTE 304	Research Design in Voc. Education	2
EDU 311	Educational Psychology II	2
EDU 321	Curriculum Implementation and Instruction	3

**Required Ancillary Courses**

ACC 202	Introduction to Financial Accounting II	3
ECO 203	Micro Economic Theory II	2
STA 204	Statistics for Social Sciences II	2
COS 304	Computer Applications	3

**General Studies Courses**

GSP 106	Natural Science II	2
GSP 202	Peace Studies & Conflict Resolution II	2
		21

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**Third Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

VTE 401	Vocational Guidance	2
VTE 334	Principles of Small Business Management	2
VTE 335	Business Organization	2
VTE 434	Office Technology	2
VTE 433	Seminar in Business Education	2
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3

**Required Ancillary Course**

ACC 251	Fundamentals of Government Accounting System	2
CED 341	Introduction to Entrepreneurship	2

**Electives: Choose one Course**

MKT 431	Retail & Wholesale Management	2	
MKT 321	Principles of Advertising	2	
ACC 311	Cost Accounting I	3	2or3
			21/22

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**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

VTE 402	Administration of Vocational Education	2
VTE 431	Administration Office Management	3
VTE 432	Consumer Economics	2
VTE 332	Transcription	3

EDU 441	Measurement and Evaluation	2	
VTE 491	Project	4	
<b>Required Ancillary Courses</b>			
CED 342	Business Development and Management	2	
<b>Electives: Choose one Course</b>			
MKT 351	Consumer Behaviour Analysis	3	
MKT 331	Sales Management	2	
ACC 312	Cost Accounting II	3	2 or 3
			<hr/> 20/21

### Department of Computer Education

#### Staff

T. C. Ogbuanya, B. Sc., M. Ed., Ph.D. (Nigeria)	Senior Lecturer/HEAD
N. E. Ibezim, B. Sc., M. Ed., Ph.D. (Nigeria)	Senior Lecturer
F. N. Ukweze, B. Eng., M. Sc. (Nigeria)	Lecturer I
B. I. Onah, B. Sc., M. Ed., Ph.D. (Nigeria)	Lecturer II
C. J. Olelewe, B. Sc., M. Ed., Ph.D. (Nigeria)	Lecturer II
E. N. Onah, B. Sc., M. Ed., Ph.D. (Nigeria)	Lecturer II
N. U. Eze, B. Sc. (Nigeria) M. Sc., Ph.D. (India)	Lecturer II
E. C. Nwangwu, B. Sc., M. Ed. (Nigeria)	Lecturer II
G. C. Agbo, B. Sc., (Nigeria) M. Tech. (London)	Lecturer II
C. R. Uzoegwu, B. Sc. (Nigeria) M. Sc. (UK)	Assistant Lecturer
O. F. Nwosu, B. Sc., M. Ed. (Nigeria)	Assistant Lecturer
U. P. Obichukwu, B. Sc., M. Ed. (Nigeria)	Assistant Lecturer
H. S. Nnadi, B. Sc., M. Sc. (Nigeria)	Assistant Lecturer
C. C. Chiamogu, B. Sc., M. Sc. (Nigeria)	Assistant Lecturer
J. I. Eneovo, B. Sc., M. Ed. (Nigeria)	Assistant Lecturer
D. O. Edafiogho, B. Sc., PGDTE (Nigeria)	Principal Technical Instructor
O. L. Amaefule, B. Sc. (Nigeria)	Technical Instructor II
P. A. Akubuko, B. Sc. (Nigeria)	Technical Instructor II
E. C. Eze, B. Sc. (Enugu)	Technical Instructor II
C. O. Onyemachi, B. Sc. (Nigeria)	Technical Instructor II
O. E. Nwachukwu, B. Sc. (Nigeria)	Technical Instructor II
E. E. Onuoha, B. Sc. (Nigeria)	Higher Technical Officer II
C. J. Edozie, B. Sc. (Nigeria)	Technologist II
C. O. Ugwu, B. Sc. (Nigeria)	Higher Technical Officer II
E. U. Kalu, B. Sc. (Nigeria)	Technical Instructor II
E. J. Kanu, B. Sc. (Nigeria)	Higher Technical Officer II
G. C. Obeni, B. Sc. (Nigeria)	Technologist II

#### Brief History

Computer Education unit is domiciled in the Department of Vocational Teacher Education, University of Nigeria, Nsukka with the task of training teachers that will teach computer studies in schools and professionals in computer hardware maintenance, Information Technology, software application and programming.

The unit started in 1994 when a 2-year diploma program for the Technical Teachers Training (TTTP) was offered. The program was later modified in 1996, to an Ordinary Diploma certificate program to accommodate other students who may not be technical teachers but with interest in computer studies. In 1998, the Bachelor of Science (B.Sc) degree program in computer education commenced getting its first students majorly from the graduates of her diploma Program. Currently, the diploma programme has been scrapped and so the programme majorly gets her students from the Universities Matriculation Examination (UME) board in Nigeria.

Since the inception of the Computer Education programme, it collaborated fully with the Faculty of Education in affiliating most of her programmes with other tertiary institutions in Nigeria. This was one of the ways of ensuring the spread of the programme to the other parts of the country. Some of the affiliated institutions include:

- The Department of Technical Education at Yaba College of Technology, Yaba
- School of Vocational Technical Education at College of Education, Ikerekiti, Ekiti State
- Alvan Ikoku College of Education, Owerri
- Nwafor Orizu College of Education, Nsugbe, and.

- Federal College of Education, Omoku.

### Philosophy

The importance of Computer Education has been recognized by the present state and federal governments in Nigeria. Philosophically, Computer Education is a discipline needed across all other vocations and achieves economic gains because it endows individuals with employable skills, producing economic productive citizens. Furthermore, Computer Education has sociological relevance in the sense that it produces individuals with saleable skills who in turn become socially useful in their communities.

### Objectives

The objective of the Department of Computer Education is to train teachers who can occupy teaching and leadership positions in secondary schools, technical colleges, colleges of education, universities and training programmes in Computer related establishments.

The curricula in Computer Education include courses in Vocational and Technical Education, and Computer Education. Students are also required to spend some time in practical teaching in secondary schools and technical colleges. They are also required to acquire industrial work experience in computing firms and industries.

### Scope

The Department of Computer Education offers programmes leading to the degree of Bachelor of Science in Computer Education.

Specialization in Computer Education offers two degree programmes;

- A 4-year standard degree programme for UTME candidates.
- 3-year degree programme for direct entry candidates.

### Entry Requirements

For admission into Computer Education degree programme, prospective candidates must satisfy the University of Nigeria minimum entry requirements and should also meet the following Departmental requirements.

#### (a) UTME

##### 4-year degree programme

Credit in English Language, Physics or Mathematics in WASC/SSCE/NECO/GCE 'O'L/NABTEB and any three of the following subjects, Chemistry, Biology, Agric Science, Economics and Geography at WASC/SSCE/NECO/GCE/NABTEB.

#### (b) Direct Entry (DE)

##### 3-year Degree Programme

Any of the following

- GCE 'A'L or its equivalent in Physics and Mathematics.
- HND in Computer Science, Computer Engineering, or any Computer related studies with lower credit from any recognised polytechnic.
- Diploma in Computer Education of UNN or any other recognized institution.
- A minimum of Pass in NCE Computer Education plus Credit in Mathematics or Physics and Credit in English Language WASC or GCE 'O'L or SSCE/NECO/NABTEB.
- A Bachelor of Science (B.Sc.) of UNN or any other university recognized by U.N.N in any science discipline.

### Job Opportunities

- Graduates of the degree programme in Computer Education will obtain employment in teaching in schools and colleges.
- Jobs in software development firms.
- Jobs in industries, and other allied occupations/parastatals.
- Jobs in hardware maintenance firms.
- Jobs in information technology (IT) firms.
- Most importantly, graduates can be self-employed.

### Stress Areas

Vocational and Technical Education	0
Computer Education	1
Software Development and Applications	2

Hardware Maintenance and Management	3
Networking and Communication	4
Robotics Education	5
Project Report	9

**Four-Year Standard Degree Programme****First Year****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

VTE 101	Foundations of Voc and Tech. Education	2
COE 121	Computer-Based Communication Technology	2
COE 123	Computer Keyboarding	2

**Required Ancillary Courses**

COS 101	Introduction to Computer Science	2
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
PHY 115	General Physics for Physical Sciences I	2

**General Studies Courses**

GSP 101	The Use of English I	2
		18

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

COE 122	Introduction to Operations Research	2
COE 132	Computer Hardware Maintenance	2

**Required Ancillary Courses**

PHY 116	General Physics for Physical Sciences II	2
PHY 118	General Physics for Physical Sciences III	2
MTH 112	Elementary Mathematics III	3
COS 102	Computing Practice	2

**General Studies Courses**

GSP 102	The Use of English II	2
		15

**SECOND YEAR****First Semester**

CODE	TITLE	UNITS
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**Major Courses**

VTE 201	Industrial Work Experience in Voc & Tech Ed	1
VTE 203	Curriculum Development in Voc & Tech Ed	2
COE 221	Word-processing	2
COE 223	Assembly Language Programming	2

**Required Ancillary Courses**

EDU 211	Educational Psychology I	2
MTH 215	Linear Algebra I	2
STAT 205	Statistics for Physical Sciences and Engineering I	2
CED 341	Introduction to Entrepreneurship	2

**General Studies Courses**

GSP 201	The Social Sciences	2
GSP 207	Humanities I	2
		19

**Second Semester**

CODE	TITLE	UNITS
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**Major Courses**

COE 222	Computer Programming, Application and Management in Schools I	2
COE 212	Methodology in Computer Education	2
COE 232	Computer Systems Architecture I	2

**Required Ancillary Courses**

MTH 216	Linear Algebra II	2
STAT 206	Statistics for Physical Sciences and Engineering II	2

<i>Programmes</i>		843
COS 372	Laboratory for Digital Design	3
<b>General Studies Courses</b>		
GSP 202	Issues in Peace and Conflict	2
GSP 208	Humanities II	2
		<hr/> 17
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
VTE 301	Research Design in Voc & Tech Education	2
COE 321	Database Management Studies I	2
COE 323	Computer Programming, Application and Management in Schools II	2
COE 341	Computer Networking and Protocols	2
COE 325	File Processing and Management	2
COE 327	Introduction to Robotics Education	2
COE 329	Data Reduction Using SPSS	2
<b>Required Ancillary Courses</b>		
COS 301	Introduction to Digital Design	2
		<hr/> 16
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
VTE 302	Practical Teaching in Voc & Tech Education	6
COE 310	Students Work Industrial Experience	6
COE 331	Computer Systems Architecture II	2
COE 322	Computer Operating Systems	2
		<hr/> 16
<b>Fourth Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
VTE 401	Vocational Guidance	2
COE 411	Seminar in Computer Education	2
COE 423	Database Management Studies II	2
COE 451	Design and Development of Educational Robots	2
<b>Required Ancillary Courses</b>		
COS 331	Compiler Construction I	2
COS 451	Algorithms	2
COS 455	Data Communication and Networking	2
EDU 311	Educational Psychology II	2
		<hr/> 16
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
VTE 402	Administration of Voc & Tech Education	2
VTE 404	Evaluation in Voc & Tech Education	2
COE 422	Spreadsheet Processing	3
COE 424	Computer Graphics	3
COE 490	Project	4
<b>Required Ancillary Courses</b>		
COS 454	Artificial Intelligence	2
COS 456	Data Communication and Networking II	2
		<hr/> 18
<b>Three-Year Standard Programme</b>		
<b>First Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
VTE 101	Foundations of Voc and Tech. Education	2

COE 121	Computer-Based Communication Technology	2
VTE 203	Curriculum Development in Voc & Tech Ed	2
VTE 201	Industrial Work Experience in Voc & Tech Ed	1
COE 221	Word-processing	2
COE 222	Computer Programming, Application and Management in Schools I	2
<b>Required Ancillary Courses</b>		
MTH 111	Elementary Mathematics I	3
MTH 121	Elementary Mathematics II	3
PHY 115	General Physics for Physical Sciences I	2
EDU 211	Educational Psychology I	2
<b>General Studies Courses</b>		
GSP 101	The Use of English I	2
		<hr/> 23
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
COE 122	Introduction to Operations Research	2
COE 132	Computer Hardware Maintenance	2
COE 212	Methodology in Computer Education	2
COE 232	Computer Systems Architecture I	2
<b>Required Ancillary Courses</b>		
PHY 116	General Physics for Physical Sciences II	2
PHY 118	General Physics for Physical Sciences III	2
MTH 112	Elementary Mathematics III	3
STAT 205	Statistics for Physical Sciences and Engineering I	2
CED 341	Introduction to Entrepreneurship	2
<b>General Studies Courses</b>		
GSP 102	The Use of English II	2
		<hr/> 21
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
COE 223	Assembly Language Programming	2
VTE 301	Research Design in Voc & Tech Education	2
COE 341	Computer Networking and Protocols	2
COE 325	File Processing and Management	2
COE 327	Introduction to Robotics Education	2
COE 329	Data Reduction Using SPSS	2
<b>Required Ancillary Courses</b>		
MTH 215	Linear Algebra I	2
COS 301	Introduction to Digital Design	2
CED 342	Business Development and Management	2
<b>General Studies Courses</b>		
GSP 201	The Social Sciences	2
GSP 207	Humanities 1	2
		<hr/> 22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
VTE 302	Practical Teaching in Voc & Tech Education	3
COE 310	Students Industrial Work Experience	3
COE 331	Computer Systems Architecture II	2
COE 322	Computer Operating Systems	2
<b>Required Ancillary Courses</b>		
MTH 216	Linear Algebra II	2
STAT 206	Statistics for Physical Sciences and Engineering II	2
CED 342	Business Development and Management	2
COS 372	Laboratory for Digital Design	3
<b>General Studies Courses</b>		



GSP 202	Issues in Peace and Conflict	2
GSP 208	Humanities II	2
		<hr/> 23

### Third Year

#### First Semester

CODE	TITLE	UNITS
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#### Major Courses

VTE 401	Vocational Guidance	2
COE 411	Seminar in Computer Education	2
COE 423	Database Management Studies II	2
COE 451	Design and Development of Educational Robots	2
COE 321	Database Management Studies I	2
COE 323	Computer Programming, Application and Management in Schools II	2

#### Required Ancillary Courses

COS 331	Compiler Construction I	2
COS 451	Algorithms	2
COS 455	Data Communication and Networking	2
EDU 311	Educational Psychology II	2
		<hr/> 20

#### Second Semester

CODE	TITLE	UNITS
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#### Major Courses

VTE 402	Administration of Voc & Tech Education	2
VTE 404	Evaluation in Voc & Tech Education	3
COE 422	Spreadsheet Processing	3
COE 424	Computer Graphics	3
COE 490	Project	4

#### Required Ancillary Courses

COS 454	Artificial Intelligence	2
COS 456	Data Communication and Networking II	2
		<hr/> 19

### Department of Home Economics Education

#### Staff

E.U. Anyakoha B.Sc., M.Ed., Ph.D. (Nigeria)	Professor
C.A. Igbo B.Sc., M.Ed., Ph.D. (Nigeria)	Professor
E.O. Ajala, B.Sc. (Iowa) M.Ed., Ph.D. (Nigeria)	Professor
N.M. EZE B.Sc., M.Ed., Ph.D. (Nigeria)	Senior Lecturer
I.N. Dimelu I. N. B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer 1
C.A. Chukwuone B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer 1
C.C. Anowai, B.Sc., M.Ed., Ph.D. (Nigeria). MS.C (Germany)	Lecturer 11
E.K. Ogbonnaya B.Sc., M.Sc. (Nigeria)	Lecturer 1
E.I. Ugwu, B.Ed., M.Ed. (Nigeria)	Lecturer 1
M.N. Ezeaku, B.Sc. (Nigeria)	Graduate Assistant
A.F.N. Idoko B.A, M.Ed., M.A. (Nigeria), PGDE (Imo)	Principal Executive Officer
A.B. Ezeanwu M.Ed. B.Sc., (Nigeria)	Principal Technical Officer
U.M. Emeghbo, B.Sc. M.Ed., (Nigeria)	Technical.Instructor I
F. C. Nzenwa, B.Sc., (Nigeria)	Technical.Instructor II
A.O. Amonyeze, HND, PGD (Nigeria)	Technical.Instructor II
O. Chinedu B.Sc. (Nigeria)	Higher Technical officer II
U.N. Uzo, B.Sc., PGD (Nigeria)	Higher Technical officer II
M.C. Ozonyia, B.Sc., (Nigeria)	Technical.Instructor
B.I. Attah, B.Sc., (Nigeria)	Higher Technical officer II
C.K. Osinem, B.Sc., (Nigeria)	Higher Technical officer II
S.N. Odoake, B.Sc., (Nigeria)	Higher Technical officer II
C.O. Asogwa, B.Sc., (Nigeria)	Higher Technical officer II
J.O. Okoro, B.Sc., (Nigeria)	Assistant Technical.Instructor

### General Information

(a) UTME

**4-year Degree Programme.** Candidates must possess the entry requirements of five 'O' level credits which must include Chemistry or Biology and any two of the following: Home Management, Clothing and Textile, Food and Nutrition, Agricultural Science, Garment Making, Cosmetology, Catering Craft and Economics at WASC/GCE 'O' level/NABTEB/NECO, obtained at not more than two sittings.

**(b) Direct Entry (DE)**

**3-Year Degree Programme**

Any of the following:

- (i) A minimum of lower credit in ND or Diploma in Fashion and Clothing Management Education, Home Economics, Hotel and Catering, Home and Rural Economics plus a credit level pass in any two of the following: Home Management, clothing and Textile, Food and Nutrition Biology, Chemistry, Agricultural Science, Garment Making, Catering Craft, Cosmetology and Economics at WASC/SSCE/GCE 'O' Level/NABTEB/NECO.
- (ii) A minimum of merit level pass in NCE Home Economic with credit in any two of the following: Home Management, Clothing and Textiles, Food and Nutrition, Biology, Chemistry, Agricultural Science, Garment Making, Catering Craft, Cosmetology and Economics at WASC/SSCE/GCE 'O' level/NABTEB/NECO.
- (c) Candidates with university diploma at distinction/credit/merit in the following disciplines listed below who possess the university minimum entry requirements plus at least a credit in Biology or Chemistry at WASC /SSCE/GCE 'O' level/NABTEB/NECO may be considered for Direct Entry but will run a 4 year programme.
  1. Diploma in Computer Education
  2. Diploma in social Work
  3. Diploma in Science Lab Tech.
  4. Diploma in Adult Education

Candidate, with a pass level in NCE plus any two of the following: Biology, Chemistry, Agricultural Science, Economics, Garment Making, Catering Craft, and Cosmetology at WASC/SSCE/GCE 'O' level/NABTEB/NECO will run the four year degree programme.

**Job Opportunities**

Graduates of the degree programme in Home Economics Education can obtain employment as teachers in secondary schools or technical colleges and colleges of education. The programme is generally geared towards the fulfillment of the need for professionally qualified vocational technical teachers who can impart technical knowledge and educational skills to their students in various Home Economics areas and thereby contribute to the economic development of Nigeria. Home Economics in Junior Secondary and the different areas of Home Economics (Clothing and Textile, Food and Nutrition, Home Management, Garment Making, Catering Craft and Cosmetology) in senior secondary school will adequately be taught by graduates of the programme. The graduate can be self-employed, on graduation, in Home Economics related-occupations.

**Four-Year Standard Programme in Home Economics Education**

**First Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 101	Introduction to Education	3
VTE 101	Foundations of Technology Education	2
VTE 141	Introduction to Home Economics Education	3
VTE 143	Application of Chemical Energy in Home Economics Education	2
VTE 145	Application of Physical Energy in Home Economics Education	2
VTE 147	Application of Electricity in the Home	2
VTE 201	Industrial Work Experience I	1
<b>Required Ancillary Courses</b>		
BIO 151	General Biology I	3
HND 211	Human Biochemistry for Nutritionists I	2
FAA 101	Basic Drawing I	2
<b>General Studies Course</b>		

GSP 101	The Use of English I	2
		24
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 102	History of Education	2
VTE 142	Family Living and Population Education	2
VTE 144	Basic Clothing Education Techniques	2
VTE 146	Fundamentals of Food Education	2
VTE 148	Creativity and Life Skill Education	2
<b>Required Ancillary Courses</b>		
BIO 152	General Biology II	3
BIO 154	General Biology Practical	2
MAC 112	Writing for the Mass Media	2
<b>General Studies Course</b>		
GSP 102	The Use of English II	2
		19
<b>Second Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
VTE 201	Industrial Work Experience I	1
VTE 241	Methodology in Home Economics Education	2
VTE 243	Clothing Processes and Techniques	2
VTE 245	Foundations of Cosmetology and Hair Dressing	2
<b>Required Ancillary Courses</b>		
COS 101	Introduction to Computer Science	2
HND 311	General and Applied Nutrition	2
FAA 355	Fashion Design Illustration I	2
<b>General Studies Course</b>		
GSP 201	The Social Sciences	2
GSP 207	Humanities I	2
		22
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 224	Educational Technology	2
VTE 242	Textile Science Education	2
VTE 244	Meal Management and Safety Education	2
VTE 246	Household Equipment	2
VTE 248	Nutrition Management for Food Service Educ.	2
<b>Required Ancillary Courses</b>		
MAC 242	Principles of Advertising	2
COS 304	Computer Applications	2
<b>General Studies Courses</b>		
GSP 202	Issues in Peace and Conflict Resolution Studies	2
GSP 208	Humanities II	2
		18
<b>Third Year</b>		
<b>First Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 311	Educational Psychology II	2
EDU 325	Teaching Practice I	3
VTE 341	Consumer Education	2
VTE 343	Adult Education in Home Economics	2
VTE 345	Environmental Education in Home Economics	3

VTE 347	Family Resource Management Education	3
VTE 349	Food Preservation and Safety Techniques Ed.	3
<i>Required Ancillary Courses</i>		
STA 131	Inference I	2
CED 341	Introduction to Entrepreneurship	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 322	Curriculum Implementation and Instruction	2
VTE 302	Industrial Work Experience II	6
VTE 304	Research Design in Technology Education	2
VTE 342	Nutrition for the Life Cycle Education	2
VTE 344	Pattern Drafting and Adaptation Techniques	2
VTE 346	Housing Design, Interior Decoration and Allied Craft Education	2
<i>Required Ancillary Courses</i>		
PHP	First Aid and Safety Education	2
CED	Business Development and Management	2
STA	Inference II	2
		<hr/> 22

**Fourth Year****First Semester**

CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
VTE 401	Vocational Guidance	2
VTE 441	Home Administration	3
VTE 443	Child Development and Care	2
VTE 445	Family Clothing Maintenance Education	2
VTE 447	Seminar in Home Economics Education	2
VTE 449	Reproductive Health Education	2
<i>Required Ancillary Courses</i>		
HND 431	Recipe Development and Testing	2
		<hr/> 20

**Second Semester**

CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 442	Measurement and Evaluation	2
VTE 402	Administration of Technology Education	2
VTE 442	Home Administration Practicum	2
VTE 444	Child Development Practicum	2
VTE 446	Advanced Clothing Education Techniques	3
VTE 448	Entrepreneurship Education in Home Econs.	2
VTE 490	Project	4
		<hr/> 17

**Three-Year Standard Programme in Home Economics Education****First Year****First Semester**

CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 101	Introduction to Education	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
VTE 101	Foundation of Technology Education	2
VTE 201	Industrial Work Experience I	1
VTE 241	Methodology in Home Economics Ed.	2
VTE 243	Clothing Processes and Technique Ed.	2
VTE 245	Foundations of Cosmetology and Hair Dressing	2
<i>Required Ancillary Courses</i>		

COS 101	Introduction to Computer Science	2
HND 211	Human Biochemistry for Nutritionists	2
<i>General Studies Course</i>		
GSP 101	The Use of English I	2
		<hr/> 22

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 224	Educational Technology	2
VTE 144	Basic Clothing Education Techniques	2
VTE 148	Creativity and Life Skill Education	2
VTE 242	Textile Science Education	2
VTE 244	Meal Management and Safety Education	2
VTE 246	Household Equipment	2
VTE 248	Nutrition Management for Food Service Ed.	2
MAC 112	Writing for the Mass Media	2
<i>General Studies Courses</i>		
GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution Studies	2
		<hr/> 20

**Second Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 311	Education Psychology II	2
EDU 325	Teaching Practice I	3
VTE 341	Consumer Education	2
VTE 343	Adult Education in Home Economics	2
VTE 345	Environmental Education in Home Economics	2
VTE 347	Family Resource Development Education	2
VTE 349	Food Preservation and Safety Techniques Edu.	2
<i>Required Ancillary Courses</i>		
STA 131	Inference I	2
<i>General Studies Courses</i>		
GSP 201	The Social Sciences	2
GSP 207	Humanities I	2
		<hr/> 21

**Second Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 321	Curriculum Implementation and Instruction	3
VTE 302	Industrial Work Experience II	6
VTE 304	Research Methodology in Technology Education	2
VTE 342	Nutrition for the Life Cycle Education	2
VTE 344	Pattern Drafting and Adaptation Technology Education	2
<i>Required Ancillary Courses</i>		
PHP 356	First Aid and Safety Education	2
STA 132	Inference II	2
<i>General Studies Courses</i>		
GSP 202	Issues in Peace and Conflict Resolution Studies	2
GSP 208	Humanities II	2
		<hr/> 23

**Third Year**

**First Semester**

CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
VTE 401	Vocational Guidance	2

VTE 441	Home Administration	2
VTE 443	Child Development and Care	2
VTE 445	Family Clothing Maintenance Education	2
VTE 447	Seminar in Home Economics Education	2
VTE 449	Reproductive Health Education	2
<i>Required Ancillary Courses</i>		
CED 341	Introduction to Entrepreneurship	2
		19
<b>Second Semester</b>		
CODE	TITLE	UNITS
<b>Major Courses</b>		
EDU 442	Measurement and Evaluation	2
VTE 346	Housing Design, Interior Decoration & Allied Craft	2
VTE 348	Family and Parenting Education	2
VTE 402	Administration of Technology Education	2
VTE 442	Home Administration Practicum	2
VTE 444	Child Development Practicum	2
VTE 446	Advanced Clothing Education Techniques	3
VTE 448	Entrepreneurship Education in Home Economics	2
VTE 490	Project	4
<i>Required Ancillary Courses</i>		
CED 342	Business Development and Management	2
MAC 242	Principles of Advertising	2
		23

**Department of Technical Industrial Education****Staff**

A.E. Opara, B.Sc., (Anambra), M.Ed., Ph.D. (Nigeria)	Professor / Head
E.O.Ede, B.Sc., M.Ed., Ph.D. (Nigeria)	Professor
C.T.Ogbuanya, B.SC.,M.ED., Ph.D. (Nigeria)	Senior Lecturer
O.O. Olaitan, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer I
H.O.Omeje, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer I
J. Bakare, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer I
I.B. Ohanu, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer I
S.Nwaodo, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer II
G.Ogbonna, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer II
O.O.Eze, B B.Sc., M.Ed. (Nigeria)	Lecturer II
G.K.Okereke, B.Sc., M.Ed.,Ph.D. (Nigeria)	Lecturer II
C.Orji, B.Sc., M.Ed. (Nigeria)	Lecturer II
A. Shetima, B.Sc., M.Ed., Ph.D. (Nigeria)	Lecturer II
P.I. Obe, B.Sc., M.Ed. (Nigeria)	Lecturer II
J. O. Asogwa, B.Sc., M.Ed. (Nigeria)	Assistant Lecturer
K.C. Udogu, B.Sc., M.Ed. (Nigeria)	Assistant Lecturer
J.A.O. Ike, B.Sc., M.Ed. (Nigeria)	Assistant lecture
S.A. Ojo, B.Sc. (Nigeria)	Graduate Assistant
O.T. Odewale, B.Sc. (Nigeria)	Graduate Assistant
D.U. Chukwu, B.Sc. (Nigeria)	Graduate Assistant
D.C. Ogonnia, HND	Chief Technical Instructor
C.O. Edozie, B.Sc., M.Sc. (Nigeria)	Principal Technical Instructor
F.C.Nwaru, B.Sc., M.Sc. (Nigeria)	Senior Technologist
P.E. Ezerendu, B.Sc. (Nigeria)	Senior Technologist
M.N. Nwachukwu, HND, PGDE (Nigeria)	Principal Executive Officer II
A.A. Odimegwu, B.Sc. (Nigeria)	Technical Instructor II
G.C. Okeke,	Senior Technical Assistant
C.N. Ibe, B.Engr. (Nigeria)	Technical Instructor
G.N. Omego, B.Sc., M.Ed. (Nigeria)	Technical Instructor I
N.S. Edafigho, B.Engr. (Nigeria)	Technical Instructor II
L.C. Mole, B.Sc., M.Ed. (Nigeria)	Technical Instructor II
I.C. Chikwendu, B.Sc. (Nigeria)	Technical Instructor II
N.N. Nkokelonye, HND, NLSLT (Nigeria)	Technologist II
E.I. Mamah, HND	Technologist II

E.R. Anene, B.Engr. (Nigeria)	Technologist II
E.O. Ogbuka, B.Sc. (Nigeria)	Technologist II
I.C. Okorie B.A.Ed. (Nigeria)	Higher Technical Officer II
A.C. Chisom- Okoli, B.Sc., PGD (Nigeria)	Higher Technical Officer II
T.F. Adebayo, B.Sc., (Nigeria)	Higher Technical Officer II
C.G. Eloka, B.Engr. (Nigeria)	Higher Technical Officer II
E.J. Ukwunnah, B.Ed. (Nigeria)	Technical Officer
O.T. Ozioko, OND	Technical Officer
I.K. Maduagwu, OND	Assistant Technical Officer
E.D. Akpokiniowo, B.Sc. (Nigeria)	Technical Instructor

### Philosophy, Objectives and Scope

The importance of Vocational Technical Education has been recognised by the present state and federal governments in Nigeria. Philosophically vocational education achieves economic aims because investment in vocational programmes provides individuals with employable skills and provides the economy with productive citizens. Sociologically vocational education is important because individuals who have saleable skills become socially useful citizens in their communities rather than parasites.

The objectives of the Department of vocational Technical Education are to train teachers who can occupy teaching and leadership positions in secondary schools, technical colleges and the training programmes of agricultural, industrial and business establishments.

The curricula in vocational technical education include courses in general education, vocational education and teaching subject areas. Students are also required to spend some time in practical teaching in secondary schools and technical colleges. They are also required to acquire industrial or work experience in their respective fields of specialization.

### Degree Offered

The Department of Vocational Technical Education offers programmes leading to the degree of Bachelor of Science in the following fields:

1. Building/woodwork
2. Auto/metalwork
3. Electrical/Electronics

Field of specialization offers three degree programmes:

- (i) 4-year standard degree programme for entrance candidates.
- (ii) 3-year degree programme for direct entry candidates; and
- (iii) 2-year degree programme for holders of National Certificate of Education (N.C.E) with distinction, or credit in their subject areas.

### Entry Requirements

For admission into any of the degree programmes, prospective candidates must satisfy the University of Nigeria minimum entry requirements and should also meet the following Departmental requirements.

#### (v) industrial technical education

- (a) 4-year degree programme
  - (i) Credit in Physics or Mathematics in WASC/SSC or GCE (O/L) examination.
  - (ii) City and Guilds Intermediate plus Credit in Mathematics or physics in SSSC/GCE (O/L) or WASC.
  - (iii) National Technical Certificate.
- (b) 3-year degree programme. Any of the following:
  1. GCE A/Level or its equivalent in Physics and Mathematics.
  2. H.D. (Engineering: Civil, Mechanical/Production, Electrical/Electronics).
  3. Pass in NCE (Technical)
  4. City and Guilds Final or Engineering Technicians part II Certificates.
- (c) 2-year degree programme
  - (i) Distinction, or credit in the NCE (Technical) or its equivalent, plus credit in Maths or Physics.

HND or Final City and Guilds or Engineering Part II Certificate plus National Technical Teacher Certificate.

### Job Opportunities

Graduates of the degree programmes in vocational technical education will obtain employment as teachers in secondary schools and technical colleges. The programmes are geared towards the fulfillment of the need for professionally qualified technical teachers who can impart technical knowledge and vocational skills to their students and thereby contribute to the economic development of Nigeria. The following secondary school subjects will be taught by graduates of the various programmes in Vocational Teacher Education.

#### **Industrial-Technical Education**

(i) Introductory Technology in Junior Secondary Schools

Technical Drawing, Woodwork, Metalwork, Applied Electricity, Electronics, Building Construction and Auto-Mechanics in Senior Secondary Schools.

#### **Stress Areas**

Departmental Foundation Courses	0
Agricultural Education	1
Business Education	3
Computer Education	4
Home Economics Education	5
Industrial Education Sub-Core	6
Building Technology	7
Electrical and Electronics Technology	8
Mechanical Technology	9
Project	10

#### **Four Year Standard Degree Programme in Industrial Technical Education**

##### **First Year**

###### *First Semester*

CODE	TITLE	UNITS
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###### *Major Courses*

EDU 101	Introduction to Education	2
VTE 101	Foundation of Technology Education	2

###### *Required Ancillary Courses*

MTH 111	Elementary Mathematics I	3
MTH 112	Elementary Mathematics II	3
COS 101	Introduction to Computer Science	2

###### *General Studies Courses*

GSP 101	The Use of English I	2
GSP 201	The Social Science	2

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16

##### **Second Semester**

CODE	TITLE	UNITS
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###### *Major Courses*

VTE 152	Technical Drawing I	2
VTE 162	Woodwork I	2
VTE 178	Electrical Fundamentals	2
VTE 184	Metalwork Fundamentals	2
VTE 156	Science and Operation of Machines	2
VTE 154	Industrial Safety	2

###### *Required Ancillary Courses*

MTH 122	Elementary Mathematics III	3
COS 304	Computer Applications	2

###### *General Studies Courses*

GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2

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##### **Second Year**

###### *First Semester*

CODE	TITLE	UNITS
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###### *Major Courses*

VTE 273		
VTE 201	Industrial Work Experience I	1



VTE 253	Introduction to Maintenance	2
EDU 224	Educational Technology	2
EDU 211	Educational Psychology I	2
EDU 221	Curriculum Theory and Planning	3
<i>Required Ancillary Courses</i>		
EE 101	Principles of Electricity I	3
EE 252	Principles of Electricity Laboratory	1
MTH 113	Elementary Mathematics III	2
<i>General Studies Courses</i>		
GSP 207	Logic, Philosophy & Human Existence	2
GSP 201	Peace Studies and Conflict Resolution I	2
		<u>20</u>
<i>Second Semester</i>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
VTE 255	Energy and Technology of Appliances	2
VTE 256	Building Construction I	2
VTE 257	Miscellaneous Topics in Introductory Tech.	2
VTE 258	Methodology in Industrial Education	2
VTE 252	Ceramics Plastics and Rubber	2
EDU 311	Educational Psychology II	2
<i>Required Ancillary Courses</i>		
EDU 202	Technical Drawing II	2
<i>General Studies Courses</i>		
GSP 208	Nigerian People & Culture	2
GSP 202	Peace Studies & Conflict Resolution II	2
		<u>18</u>
<b>Third Year</b>		
<i>First Semester</i>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
VTE 301	Industrial Work Experience II	1
VTE 351	Drawing and Design	4
EDU 325	Teaching Practical I	3
<i>Required Ancillary Courses</i>		
STA 131	Inference I	2
CED 341	Introduction to Entrepreneurship	2
Electives: (Choose one group of courses)		7or8
<b>Building Construction/Woodwork Options</b>		
VTE 361	Building Construction II	4
VTE 312	Woodwork II	4
<b>Electricity/Electronics Options</b>		
EE 201	Principles of Electricity II	3
VTE 373	Electronics Technology I	4
<b>METALWORK/AUTOMECHANICS</b>		
VTE 381	Metal work	4
VTE 383	Automechanics I	4
		<u>19/20</u>
<i>Second Semester</i>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
VTE 352	Occupational Analysis and Course Const.	2
VTE 302	Evaluation in Vocational Education	2
VTE 304	Research Methods in Vocational Education	2
VTE 321	Curriculum Implementation & Instruction	3
<i>Required Ancillary Courses</i>		
STA 132	Inference II	2
CED 342	Business Development & Management	2
Electives: (Choose one group of courses)		8

**Building Construction/ Woodwork Options**

VTE 363	Building Construction III	4
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VTE 364	Woodwork III	4
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**Electricity/Electronics Options**

VTE 372	Electrical Installation	4
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VTE 374	Electronic Technology II	4
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**Metalwork/Auto Mechanics Options**

VTE 384	Automechanics II	4
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ME 213	Workshop Technology I	2
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ME 214	Workshop Practice	2
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21
**Fourth Year****First Semester**

CODE	TITLE	UNITS
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*Major Courses*

VTE 401	Vocational Guidance	2
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VTE 451	Technical and Architectural Drawing	4
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VTE 453	Management of Industrial Laboratory	2
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VTE 454	Seminar in Industrial Education	2
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EDU 411	Educational Psychology III	2
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EDU 425	Teaching Practical II	3
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Electives: (Choose one course from the following)		4
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**Building Construction / Woodwork Option**

VTE 461	Applied Woodworking	4
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**Electricity/Electronics Option**

VTE 471	Electrical Technology	4
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**Metalwork/Automechanics Option**

VTE 481	Automechanics III	4
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19
**Second Semester**

CODE	TITLE	UNITS
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*Major Courses*

VTE 402	Administration of Vocational Education	2
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EDU 442	Measurement and Evaluation	2
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VTE 491	Project	4
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Electives: (Choose one group of courses)		8
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**Building Construction/Woodwork Options**

VTE 462	Building Construction IV	4
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VTE 463	Project in Building Const. and Woodwork	4
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**Electricity/Electronics Options**

VTE 472	Electronic Communication	4
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VTE 473	Project in Electricity and Electronics	4
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**Metalwork/Automechanics Options**

VTE 382	Metal Work III	4
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VTE 483	Projects in Automechanics and Metalwork	4
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16
**Three Year Standard Degree Programme in Industrial Technical Education****First Year****First Semester**

CODE	TITLE	UNITS
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*Major Courses*

EDU 101	Introduction to Education	2
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EDU 211	Educational Psychology I	2
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EDU 221	Curriculum Theory and Planning	2
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VTE 101	Foundation of Industrial Technology Edu.	2
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VTE 201	Industrial Work Experience I	2
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VTE 251	Technical Drawing II	2
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VTE 255	Energy and Technology of Appliances	2
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*Required Ancillary Course*

COS 101	Introduction to Computer Science	2
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STA 131	Inference I	2
<i>General Studies Courses</i>		
GSP 101	The Use of English I	2
GSP 201	The Social Science	2
GSP 207	Humanities I	2
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**Second Semester**

CODE	TITLE	UNITS
<i>Major Courses</i>		
EDU 224	Educational Technology	2
VTE 154	Industrial Safety	2
VTE 156	Science and Operation of Machines	2
VTE 254	Methodology in Industrial Technology Edu.	2
VTE 256	Introduction to Maintenance	2
<i>Required Ancillary Course</i>		
COS 304	Computer Applications	2
STA 132	Inference II	2
<i>General Studies Courses</i>		
GSP 102	The Use of English II	2
GSP 202	Issues in Peace and Conflict Resolution	2
GSP 208	Humanities II	2
		<hr/> 20

**Second Year**

**First Semester**

CODE	TITLE	UNITS
<i>Major Courses</i>		
VTE 301	Industrial Work Experience II	1
VTE 351	Drawing and Design	4
VTE 325	Teaching Practice I	3
<i>Required Ancillary Course</i>		
STA 131	Inference I	2
Electives (Choose one of the groupings)		7or8
<b>Building Construction/Woodwork Options</b>		
VTE 361	Building Construction II	4
VTE 362	Woodwork II	4
<b>Electricity/Electronics Options</b>		
EE 201	Principles of Electricity II	3
VTE 373	Electronic Technology I	4
<b>Metalwork/Automechanics Options</b>		
VTE 381	Metalwork II	4
VTE 383	Automechanics I	4
<b>General Studies Courses</b>		
GSP 201	Peace Studies & Conflict Resolution I	2
GSP 207	Logic, Philosophy & Human Existence	2
		<hr/> 21/22

**Second Semester**

CODE	TITLE	UNITS
<i>Major Courses</i>		
VTE 352	Occupational Analysis and Course Construction	2
VTE 302	Evaluation in Vocational Education	2
VTE 304	Research Methods in Vocational Education	2
EDU 321	Curriculum Implementation & Instruction	3
<i>Required Ancillary Course</i>		
STA 132	Inference II	2
Electives (Choose one group of courses)		8
<b>Building Construction/Woodwork Options</b>		
TE 363	Building Construction III	4
VTE 364	Woodwork III	4
<b>Electricity/Electronics Options</b>		

VTE 372	Electrical Installation	4
VTE 374	Electronic Technology II	4
<b>Metalwork/Automechanics Options</b>		
VTE 384	Automechanics	4
ME 213	Workshop Technology I	2
ME 214	Workshop Practice	2
<i>General Studies Courses</i>		
GSP 202	Peace Studies & Conflict Resolution II	2
GSP 208	Nigerian People and Culture	2
		<hr/> 23
<b>Third Year</b>		
<b><i>First Semester</i></b>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
VTE 401	Vocational Guidance	2
VTE 451	Technical and Architectural Drawing	4
VTE 453	Management of Industrial Laboratory	2
VTE 454	Seminar in Industrial Education	2
EDU 411	Educational Psychology III	2
EDU 425	Teaching Practice II	3
Electives (Choose one course from the following)		4
<b>Building Construction / Woodwork Option</b>		
VTE 461	Applied Woodworking	4
<b>Electricity/Electronics Option</b>		
VTE 471	Electrical Technology	4
<b>Metalwork/Automechanics Option</b>		
VTE 481	Automechanics III	4
<i>Required Ancillary Courses</i>		
CED 341	Introduction to Entrepreneurship	2
		<hr/> 21
<b><i>Second Semester</i></b>		
CODE	TITLE	UNITS
<i>Major Courses</i>		
VTE 402	Administration of Vocational Education	2
EDU 442	Measurement and Evaluation	2
VTE 491	Project	4
Electives (Choose one of the groupings)		8
<b>Building Construction/Woodwork Option</b>		
VTE 462	Building Construction IV	4
VTE 463	Project in Building Construction/Woodwork	4
<b>Electricity/Electronics Options</b>		
VTE 472	Electronic Communication	4
VTE 473	Project in Electricity and Electronics	4
<b>Metalwork/Automechanics Options</b>		
VTE 382	Metalwork III	4
VTE 483	Project in Automechanics and Metalwork	4
<i>Required Ancillary Courses</i>		
COS 304	Computer Applications	3
CED 342	Business Development and Management	2
		<hr/> 21

## Chapter 10

### School of Postgraduate Studies

#### *Staff*

P.O. Osadebe, B.Pharm. (Ibadan), M.Phil. (Sofia), Ph.D. (Nigeria)	Professor/Dean
N.O. Ogbonaya, B.AED, M.Ed., Ph.D. (Nigeria)	Professor/Associate Dean
T. Ugwueze, B.Sc., PGDE, M.Sc., MPA (Nigeria), FCAI	Deputy Registrar/Secretary
J.U. Omeje, B.Sc., M.Sc. (Enugu)	Senior Assistant Registrar
U.C. Asogwa, B.Ed., M.Ed., Ph.D. (Nigeria)	Senior Assistant Registrar
E.E. Ugorji, B.Ed., PGD, M.Ed. (Nigeria)	Senior Assistant Registrar
S.N. Oditia, B.Ed., M.Ed. (Nigeria)	Senior Assistant Registrar
J. Okeibunor, B.Sc. (Nigeria)	Admin Officer
O.L. Agbo, B.Sc. (Nigeria)	Assistant Registrar
V.N. Nwokocha, B.Ed. (Nigeria)	Chief Conf. Secretary
E. Ugwu, B.Ed. (Nigeria)	Chief Executive Officer
F.K. Ukpai, B.Ed. (Nigeria)	Chief Executive Officer
F.O. Ibeabuchi, B.Sc. (Nigeria)	Chief Executive Officer
F.U. Agu, B.Sc., M.Sc. (Nigeria)	Chief Executive Officer
I.R. Emeka-Akwanwanna, B.Sc., M.Sc. (Nigeria)	Assistant Chief Exec. Officer
C.A. Ossai, B.Sc., M.Sc. (Nigeria)	Principal Executive Officer I
C.P. Ugwu, B.Sc. (Nigeria)	Principal Executive Officer I
I.P. Okpukpara, B.Ed., M.Ed. (Nigeria)	Principal Executive Officer I
J.E. Egwuda, B.Ed. (Nigeria)	Principal Executive Officer II
E.N. Ogbonna, B.Ed. (Nigeria)	Principal Executive Officer II
E.I. Nwachukwu, B.A. (Nigeria)	Principal Executive Officer
P.N. Odoh, B.Ed. (Nigeria)	SDPO II
J.B. Ajibo, B.Ed. (Nigeria)	Senior Executive Officer
C.N. Orji, HND. (Enugu)	Senior Executive Officer
P.U. Ugwu, B.Sc. (Nigeria)	Higher Executive Officer
R.I. Ajogwu, HND. (Nigeria)	Higher Technical Officer II
N.S. Mmerife, B.Ed. (Nigeria)	Higher Technical Officer II
J.U. Azoribe, HND. (Enugu)	Higher Technical Officer II
L.G. Ezeja, BL. (Ebonyi), LL.B. (Nigeria Law School)	Higher Technical Officer II
B.E. Ofodike, B.Sc. (Benin)	Higher Technical Officer II
V.I. Madumere, BLIS. (Nigeria)	Higher Technical Officer II
J.I. Ogbu, B.Sc. (Nigeria)	Higher Technical Officer II
C.M. Nwokoro, B.Sc. (Abia)	Higher Technical Officer II
N.A. Oguekusi, B.A. (Abuja)	Higher Technical Officer II
N.C. Didiugwu, B.Sc. (Nigeria)	Higher Technical Officer II
C.M. Odunukwe, B.Tech. (Owerri)	Higher Technical Officer II
D.N. Jideofor, B.Sc. (Nigeria)	Executive Officer
E. Ezema, B.Sc. (Nigeria)	Data Entry Operator/Assistant
	Executive Officer
C.N. Attah, B.Ed. (Nigeria)	Assistant Executive Officer
M.N. Iloputaife, B.Sc. (Nigeria)	Assistant Executive Officer
N.C.C. Igu, B.Sc. (Nigeria)	Senior Clerical Officer
M.C. Obalum, B.Sc. (Nigeria)	Senior Clerical Officer
L.E. Ogbonnaya, B.Ed. (Nigeria)	Higher Technical Officer II

#### **Historic Perspective**

The University started a modest postgraduate studies in 1966 by running postgraduate diploma courses. Up till 1978, postgraduate studies in the University were under the control of the Registrar through the senate Postgraduate Studies Committee.

Senate of the University of Nigeria during its 104<sup>th</sup> meeting held on 30 May, 1979 approved the recommendation of its Postgraduate Studies Committee that a School of Postgraduate be established in the University to supersede the existing postgraduate unit which was managed by the Registrar. The

secretariat of the School was set up as a semi-autonomous unit under a Director (now Dean). The Dean is elected by Senate to serve for a period of two years in the first instance. The appointment is renewable thereafter for another period of two years provided that the incumbent does not hold office for more than two consecutive two-year periods. The Secretary is responsible to the Dean for effective operation of the School.

The School of Postgraduate Studies is established to oversee the administration and development of postgraduate Studies in the University. Various Departments in the University offer postgraduate courses in academic and professional areas leading to the award of postgraduate diplomas, master's degree and higher doctorate degrees including D.Sc., D.Litt., etc.

### **Postgraduate Diplomas and Higher Degree Awarded**

The under-listed postgraduate diplomas and higher degrees may be awarded after a candidate has undergone the full courses of instruction in the respective faculties:

Ph.D.	Doctor of Philosophy	M.Pharm.	Master of Pharmacy
D.P.A.	Doctor of Public Administration	M.F.A.	Master of Fine Arts
M.Sc.	Master of Science	M.U.R.P	Master of Urban and Regional Planning
M.A.	Master of Arts	LL.M	Master of Law
M.Arch.	Master of Architecture	M.L.S	Master of Library Science
M.Ed.	Master of Education	M.P.H	Master of Public Health
M.Engr.	Master of Engineering	P.G.D.E.	Postgraduate Diploma
M.B.A.	Master of Business Administration	P.G.D.T.E.	Postgraduate Diploma in Technical Education
M.P.A.	Master of Public Administration	M.V.M	Master of Veterinary Medicine

### **Approved Postgraduate Programmes**

The University of Nigeria, Nsukka offers postgraduate programmes leading to the award of Postgraduate Diplomas, Master's and Doctorate degrees in various Faculties and in the areas of specialization indicated under each Department/Institute/Centre as follows:

#### **1. FACULTY OF AGRICULTURE**

##### **PGD, M.Sc. and Ph.D. programmes**

##### **A. Department of Agricultural Economics**

Farm Management and Production Economics; Agricultural Marketing and Agribusiness; Agricultural Finance and Project Analysis; Agricultural Cooperative and Resources; Environmental Economics.

The Department of Agricultural Economics also offer PGD programme in Co-operative Studies; Farm Management and Production Economics; Agribusiness and Marketing. Departments of Food Science and Technology, Crop Science, Animal Science, Agricultural Extension and Soil Science, offer Postgraduate Diploma Programmes.

##### **B. Department of Animal Science**

Animal Nutrition and Biochemistry; Animal Production; Animal Physiology; Animal Breeding and Genetics.

##### **C. Department of Crop Science**

##### **PGD, M.Sc. and Ph.D.**

Crop Physiology Economic Entomology; Crop Production; Forage Crops; Hematology; Innamental Horticulture; Plant Breeding and Genetics; Plant Pathology; Tropical Fruits and Plantation Crops; Vegetable Crops; Weed Science.

##### **D. Department of Agricultural Extension**

Agricultural Administration; Agricultural Communication; Agricultural Extension Education; Agricultural Planning and Evaluation or Rural Sociology.

##### **E. Department of Food Science and Technology**

Food Chemistry and Analysis; Animal Production Technology; Fruits and Vegetable Processing Technology; Quality Control and Assurance; Cereals, Pulses, Legumes and Tuber Processing Technology; Food Biotechnology; Food Engineering and Processing.

##### **F. Department of Home Science, Nutrition and Dietetics**

PGD, M.Sc. and Ph.D. programmes in Home Science, Nutrition and Dietetics.

##### **G. Department of Soil Science**

Soil Genesis; Survey and Classification; Soil Chemistry and Mineralogy; Soil Fertility and Management; Soil Physics and Conservation; Soil Biology and Biochemistry; Environmental Impact Assessment and Land Evaluation.

## 2. FACULTY OF ARTS

PGD, M.A. and Ph.D. degree programmes

**A. Department of Archaeology and Tourism (M.A. and Ph.D. Programmes only)**

Paleolithic Studies; Iron Age Archaeology; Origins of Food Production and Urbanization; and Cultural Resource Management (Museum or Tourism Option).

**B. Department of English and Literary Studies (PGD, M.A and Ph.D.)**

English as a Second Language (ESL); English Language; Literature; and Comparative Studies and Literature.

**C. Department of Fine and Applied Arts**

Ph.D. Art History; Ph.D. Art Education; Ph.D. Art Administration and Management; Ph.D. Fine Arts and Design (with specialization in Painting, Print Making; Sculpture-Visual Communication Design; Textile Design; Fashion Design; Ceramics).

**M.F.A. with specialization in** Painting; Print Making; Sculpture; Textile Design; Fashion Design; Ceramics; Communication Art and Design (Options: Graphic Design and Advertising; Product Design; Web Design and New Media); Film Making and Photography.**M.A. Art History:** Traditional African Art; Modern African Art; Asian Oriental Art; African-American Art.**M.A. Art Education;** M.A. Art Administration and Management

PGD in Fine and Applied Arts.

**D. Department of Foreign Languages and Literary Studies (MA programme)**

African Literature in French; German Literature; Caribbean Literature in French; Translation (FEENG – FRE).

The Department also offers Ph.D. programmes in the following areas of specialization:

African Literature in French; Caribbean Literature in French; German Literature.

**E. Department of History and International Studies (M.A. and Ph.D.)**

Political History; Economic and Social History; and Religious History.

**F. Department of Linguistics, Igbo and Other Nigerian Languages (M.A)**

Linguistics; African Languages; Literature in African Languages; and Translation and Interpretation).

The Department also offers Ph.D. in the following areas of specialization:

Linguistics; African Languages and Literature.

**G. Department of Mass Communication****PGD, M.A and Ph.D.**

Electronic Media Sequence; the Print and Media Sequence; Advertising and Public Relations; Communication Theories and Research.

**H. Department of Music****1. DEPARTMENT OF MUSIC****Postgraduate Diploma in Music (PGDM)**

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|--|--|
| 1 African Music Industry.                    | 3 Music Education.                               |
| 2 Ensemble/Theatre Directing and Management. | 4 Research.                                      |
|  | 5 Composition and Musical Instrument Technology. |

**MA Degree Programme**

- |   |  |
|---|--|
| 1 Ensemble/Theatre Directing and Management | 3 Research.                                      |
| 2 Music Education.                          | 4 Composition and Musical Instrument Technology. |

**Ph.D. Degree Programme**

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|--------------------|---|
| 1 African Music.   | 5 Music Performance and Musical Instrument Technology |
| 2 Music Education. | 6 Ensemble/Theatre Directing and Management.          |
| 3 Composition.     | 7 Research and Musical Instrument Technology.         |
| 4 Musicology.      |   |

**I. Department of Theatre and Film Studies (M.A and Ph.D.)**

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|--|--|
| 1 Acting and Directing.                    | 6 Film and Media Arts Studies.         |
| 2 Dramatic Theory and Criticism.           | 7 Performance Studies.                 |
| 3 Applied Theatre.                         | 8 Scenography.                         |
| 4 Playwriting.                             | 9 Theatre and Cultural Administration. |
| 5 African and Caribbean Drama and Theatre. |  |

## 3. FACULTY OF BIOLOGICAL SCIENCES

**M.Sc. and Ph.D. programmes****A. Department of Biochemistry**

Environmental Biochemistry; Enzymology; Industrial Biochemistry; Medical Biochemistry; Nutritional Biochemistry; Molecular Biology; and Pharmacological Biochemistry.

The Department also offers Ph.D. programme in Lipid Biochemistry.

**B. Department of Microbiology**

Brewing Science and Technology (PGD); Medical Microbiology (M.Sc. and Ph.D.); Environmental Microbiology (M.Sc. and Ph.D.); Food/Industrial Microbiology (M.Sc. and Ph.D.); and Brewing Science and Technology (M.Sc.).

**C. Department of Plant Science and Biotechnology**

Biosystematic/Taxonomy; Palynology/Palaeoecology; Plant Anatomy; Plant Physiology; Ecophysiology; Plant Pathology; Mycology; Genetics and Plant Breeding; Plant Ecology; Environmental Botany/Economic Botany; Plant Biotechnology; Bagel Biotechnology; Aquatic Botany; Phycology/Limnology (Aquatic Ecology); and Ethnomedicine/ Phytomedicine.

**D. Department of Zoology and Environmental Biology**

(M.Sc. And (Ph.D.)

- |                                       |  |
|---------------------------------------|--|
| 1 Animal and Environmental Physiology | 5 Hydrobiology/Aquatic Sciences                        |
| 2 Parasitology and Public Health      | 6 Ecology and Environmental Biology                    |
| 3 Entomology and Forensic Sciences    | 7 Animal Genetics, Molecular Biology and Biotechnology |
| 4 Fishery Science and Aquaculture     |  |

## 4. FACULTY OF BUSINESS ADMINISTRATION

PGD, MBA, M.Sc. and Ph.D. programmes

**A. Department of Accountancy**

Financial Accounting; Management Accounting, Auditing and Investigation; Taxation Laws and Accounts; Public Sector Accounting; Management Information System.

**Department of Banking and Finance**

Banking; Financial Theory and Management; Investment; Financial Institutions; International Finance and Public Finance.

**B. Department of Management**

Administrative Theory and Practice; Human Resources Management; Production and Operations Management; Analytical Techniques; Corporate Strategy and Business Policy; Project Management and Feasibility Analysis; and Comparative Management Systems.

**C. Department of Marketing**

Marketing Communications; Physical Distribution and Channel Management; Industrial Marketing; Consumer-Buyer Behaviour; and International Marketing, Strategic Marketing. The Department of Marketing also offers executive M.Sc. degree programme in Public Relations.

Faculty of Business Administration offers MBA degree broad-based professionally oriented programme in Accounting, Banking and Finance; Management and Marketing.

## 5. FACULTY OF EDUCATION

PGDE, PGDL, M.Ed. and Ph.D. degree programmes in the following Departments:

**A. Department of Adult Education & Extra Mural Studies**

Adult Education Administration; Community Development; Extension & Distance Education.

**B. Department of Arts Education**

Curriculum Studies; Language Education; Educational Technology; Comparative & International Education; Music Education; Fine & Applied Arts Education.

**C. The Department of Educational Foundations**

Childhood Education; Educational Psychology; Guidance & Counselling; History of Education; Philosophy of Education; Sociology of Education; Special Education.

**D. Department of Human Kinetics and Health Education**

Public Health Education; School Health Education; Mental and Emotional Health Education; Occupational and Industrial Health Education; Administration and Management of Physical Education and Sports; Curriculum and Physical Education Teacher Education; Psychology of Sports; Sociology of Sports; Recreation and Tourism; Exercise Physiology; Adapted Physical Education. For PGD: (a) Health Education (PGDHE); (b) Human Kinetics and Sports Studies (PGDHKS).

**E. Department of Library & Information Science**



**M.L.S and Ph.D. Degree Programmes****F. Department of Science Education**

Educational Research Methodology; Mathematics Education; Physics Education; Chemistry Education; Biology Education; Measurement & Evaluation, and Integrated Science Education.

**G. Department of Social Science Education**

Economics Education; Political Science Education; Population & Family Life Education; Geographical & Environmental Education; and Social Studies Education.

Postgraduate Diploma programmes in the Faculty of Education are domiciled as follows: (PGDE) in Educational Foundations; PGDL in Library & Information Science; Postgraduate Diploma in Environmental Education domiciled in the Department of Social Science Education.

**6. FACULTY OF ENGINEERING****M.Sc., M.Eng. And Ph.D. degree programmes****A. Department of Agricultural & Bioresources Engineering**

Farm Power & Machinery; Soil Water Engineering; Agricultural Products Processing & Storage; and Farm Structures & Environmental Control.

**B. Department of Civil Engineering**

**(PGD, M.Sc., M.Eng., Ph.D.)**

Structural Engineering; Water Resources Engineering; Soil Mechanics & Foundation Engineering; Materials & Construction; and Highway Engineering.

**C. Department of Electrical Engineering**

Power Electronics, Drives and New System; Electrical Machine and Drives; Electromagnetic Fields and Application; Power Systems and High Voltage Engineering; and Automatic Control Systems.

**D. Department of Electronic Engineering**

**(M.Sc., M.Eng. and Ph.D.)**

Communications; Digital and Computer Electronics. Currently, the Department of Electronics Engineering has no facilities in the area of Control Systems.

**E. Department of Mechanical Engineering**

**(PGD, M.Sc., M.Eng., Ph.D.)**

Energy and Power Technology; Materials Technology and Mechanics; Fluid Mechanics and Gas Dynamics; Design and Production Technology; Industrial Engineering and Management.

The Departments of Civil Engineering and Mechanical Engineering offer PGD programmes.

**7. FACULTY OF ENVIRONMENTAL STUDIES****PGD, M.Sc., M.Arch. and Ph.D. Programmes****A. Departments of Architecture**

Architectural Design; Architectural Science and Technology; Housing; Construction Management; Architectural History and Theory; Sustainable Design; Architectural Conservation; Architectural Practice and Management; Industrial Design; Landscape Architecture Design; Urban Design, Computer Aided Design/Technology and Media Architecture and Interior Design.

**B. Department of Estate Management**

**(M.Sc. and Ph.D.)**

Valuation; Feasibility/Viability Appraisals; Taxation, Facility and Property Management; Development and Utilization and Land Resources inclusive of Estate and Interests tread as strongly rooted in Philosophical and Socio-economic foundations of their Relationship to man, society and environment.

**C. Department of Geoinformatics & Surveying (PGD, M.Sc., MGIT and Ph.D.)**

- |                  |                                       |
|------------------|---------------------------------------|
| 1 Land Surveying | 5 Hydrography                         |
| 2 Geodesy        | 6 Cartography                         |
| 3 Photogrammetry | 7 Geographic Information System (GIS) |
| 4 Remote Sensing | 8 Land Information Management (LIM)   |

**D. Department of Urban & Regional Planning (MURP and Ph.D.)**

Information Technology in Urban and Regional Planning; Traffic and Transportation Planning; Transportation Planning and Development; Conservation/Preservation; Housing and Community

Development; Recreation and Facility Planning; Regional/Rural Analysis and Planning; Development Control; Environmental Management; and Social Science and Planning.

#### 8. FACULTY OF HEALTH SCIENCES & TECHNOLOGY

##### **M.Sc. and Ph.D. programmes**

##### **A. Department of Health Administration & Management**

Health Economics; Health Management & Policy.

The Department of Health Administration also offers PGD programme.

##### **B. Department of Medical Laboratory Science**

Clinical Chemistry; Haematology; Histopathology; Microbiology; and Immunology.

##### **C. Department of Medical Radiography & Radiological Sciences**

Medical Imaging; Radiation/Environmental Protection; Radiological Education;

Radiotherapy & Oncology; and Radiology Administration & Management.

##### **E. Department of Medical Rehabilitation**

Physiotherapy; Pathokinesiology; Biomechanics; and Neurology.

##### **F. Department of Nursing Sciences**

Maternal & Child Health Nursing; Medical Surgical Nursing; Mental Health & Psychiatric Nursing;

Nursing Administration & Management; and Nursing Education.

#### 9. FACULTY OF LAW

LL.M. and Ph.D.degree programmes in the Departments of

Public & Private Law; Property & Commercial Law; International Law & Jurisprudence.

Programme areas available in the Faculty are:

Jurisprudence & Legal Theory; Comparative Constitutional Law; Comparative Company Law; Comparative Criminal Law; Law of Commercial Transactions; International Human Rights Law; Energy & Natural Resources Law; Law of Commercial Arbitration; Sentencing & Treatment of Offenders; Law of Marine Insurance; and Law & Medicine.

#### 10. FACULTY OF MEDICAL SCIENCES

M.Sc. and Ph.D. degree programmes are offered by the following Departments:

Anatomy; Medical Biochemistry; Pharmacology & Therapeutics; Human Physiology; Medicine and Surgery.

MPH degree programme is offered by the Department of Community Medicine in the following areas of specialization:

##### **Department of Community Medicine**

##### **MPH in Public Health**

Epidemiology of Community Disease; Health Services Management/Health Economics, Occupational and Environmental Health; Social Medicine; Health Education; Maternal and Child Health.

##### **Department of Pharmacology & Therapeutics**

M.Sc. and DMSC degree programmes.

##### **Department of Medicine**

M.D. and M.S. degree programmes.

#### 11. FACULTY OF PHARMACEUTICAL SCIENCES

M.Pharm, M.Sc., (Pharm); and Ph.D. degree programmes

##### **A. Department of Clinical Pharmacy & Pharmacy Management**

Pharmaceutical Services e.g. drug information services; Pharmacotherapy of various units e.g. oncology, cardiovascular, neurology; Ambulatory Care/Adult Medicine; Clinical Pharmacokinetics/biopharmaceutics; Hospital Pharmacy; Pharmaceutical care; Social Pharmacy/Behavioural Pharmacy; Paediatric Pharmacy; Haematology; Pharmacy Practice Management; Infectious Diseases; Public Health Pharmacy; Pharmacoeconomics/ Pharmacoepidemiology; Social Pharmacy/Behavioural Pharmacy; Paediatric Pharmacy; Haematology; Pharmacy Management; and Infectious Diseases.

##### **B. Department of Pharmaceutics**

Physical Pharmaceutics; Compounding; Pharmaceutical Microbiology & Biotechnology; Dispensing; and Pharmacy practices.

##### **C. Department of Pharmaceutical Chemistry**

Natural Products Chemistry; Drug Metabolism; and Analytical Pharmaceutical Chemistry.

##### **F. Department of Pharmaceutical Technology and Industrial Pharmacy**

Powder and Tablet Technology; Semi-Solid Dosage Design; Cosmic Science; Liquid Formulations Technology; Biopharmaceutics and Pharmacokinetics.

**G. Department of Pharmacology and Toxicology**

Autonomic Pharmacology; Neuropharmacology; Biochemical Pharmacology; Chemotherapy; Clinical Pharmacology; Toxicology; Cardiovascular Pharmacology; Natural Product Pharmacology; Advanced General Pharmacology; Advanced Pharmacokinetics and Drug Interactions.

**12. FACULTY OF PHYSICAL SCIENCES****M.Sc. and Ph.D. degree programmes****A. Department of Computer Science**

Data Communication; Software Development; Numerical Analysis; Information Management; Software Engineering; Microprocessor Based Systems.

**B. Department of Geology****(M.Sc. and Ph.D. programmes in the following areas):**

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| 1 Economic Geology and Geochemistry | 7 Palaeontology and Stratigraphy  |
| 2 Engineering Geology               | 8 Palynology                      |
| 3 Environmental Geology             | 9 Petroleum Geoscience            |
| 4 Applied Geophysics                | 10 Structural Geology             |
| 5 Hydrography                       | 11 Stratigraphy and Sedimentology |
| 6 Mineralogy and Petrology          |                                   |

Applied Geophysics; Economic Geology and Geo-Chemistry; Mineral Exploration; Engineering Geology; Hydrogeology; Mineralogy and Petrology; Paleo biology and Biostratigraphy; Stratigraphy and Sedimentology; Petroleum Geology; and Structural Geology.

**C. Department of Physics & Astronomy**

Solid Earth Geophysics; Astrophysics; Condensed Matter Physics & Materials Science; Solar Energy Physics; Atmospheric Physics; Medical Physics.

**D. Department of Pure & Industrial Chemistry**

Inorganic; Physical; Organic; Analytical; Fossil Fuel; Polymer; and Industrial Chemistry.

**E. Department of Statistics**

Stochastic Processes; Operations Research; Applied Statistics; Time Series Modelling, Design of Experiments.

**13 FACULTY OF THE SOCIAL SCIENCES****PGD, M.Sc. and Ph.D. degree programmes****A. Department of Economics**

Economic Theory; Economic Development and Planning; International Economics, Money and Banking; Labour Economics and Industrial Relations; Quantitative Economics; Energy Economics; Public Sector Economics.

**B. Department of Geography**

Geomorphology; Climatology and Physical Oceanography; Hydrology and Water Resources; Biogeography; Cartography; Remote Sensing; Environmental Management; Agricultural Geography; Rural Geography; Urban Geography; Industrial Geography; Transportation Geography; Population Geography; Political Geography; Climate Change Economics; and Policy & Innovation.

**C. Departments of Philosophy**

Political and Social Philosophy; Western Metaphysics; Moral Philosophy; History of Western Philosophy and African Philosophy.

**D. Department of Political Science****(M.Sc. and Ph.D. programmes in the following areas):**

- |   |  |
|---|--|
| 1 Political Theory                                    | 5 International Relations and Diplomacy        |
| 2 Public Administration                               | 6 Political Economy                            |
| 3 Comparative Politics, Development and Social Change | 7 Conflict, Peace and Strategic Studies        |
| 4 Electoral Studies                                   | 8 Human Security and Counter-Terrorism Studies |

**E. Department of Psychology (M.Sc. & Ph.D. degree programmes)**

Experimental Psychology; Developmental Psychology; Clinical Psychology; Industrial/ Organizational Psychology; Social Psychology; School Psychology; and Counselling Psychology.

**F. Department of Public Administration and Local Government**

MPA, M.Sc., DPA & Ph.D. degree programmes.

Financial Management; International Administration; and Human Resources Management.

**G. Department of Religion & Cultural Studies****M.A. and Ph.D. degree programmes**

Old Testament; New Testament; Church History; Traditional Religion; Religion and Society. Departments of Religion & Cultural Studies and Philosophy do not offer PGD programmes.

#### **H. Department of Sociology/Anthropology (M.Sc. and Ph.D. degree programmes)**

##### **PGD**

- |                            |                                   |
|----------------------------|-----------------------------------|
| 1 Criminology              | 3 Industrial and labour Relations |
| 2 Gender and Women Studies | 4 Social Development Studies      |

##### **Ph.D.**

- |   |                                     |                               |
|---|-------------------------------------|-------------------------------|
| 1 Anthropology                          | 10 Gender and Women Studies         | 19 Political Sociology        |
| 2 Anthropology and Development          | 11 Industrial and Labour Relations  | 20 Postcolonial Studies       |
| 3 Climate Change and Society            | 12 Industrial Sociology             | 21 Rural Sociology            |
| 4 Comparative Ethnography               | 13 Medical Anthropology             | 22 Security Studies           |
| 5 Criminology and Sociology of Deviance | 14 Medical Sociology                | 23 Social Development Studies |
| 6 Culture and Communication             | 15 Military Sociology and Diplomacy | 24 Social Institutions        |
| 7 Demography and Population Studies     | 16 Oral Tradition and Sociology     | 25 Symbolic Anthropology      |
| 8 Environmental Sociology               | 17 Organizational Sociology         | 26 Urban Anthropology         |
| 9 Family Studies                        | 18 Political Anthropology           | 27 Urban Sociology            |

#### **I. Department of Social Work**

##### **(PGD, M.Sc. and Ph.D. degree programmes)**

Intervention; Social Work Ethics & Values; and Community Development.

The Department also offers PGD in Political Science and Election Administration.

#### **14 FACULTY OF VETERINARY MEDICINE**

##### **M.Sc. and Ph.D. degree programmes**

#### **A. Department of Veterinary Anatomy**

Neuroanatomy; Developmental Anatomy Embryology; Microscopic Anatomy (Histology); Gross and Comparative Anatomy; Immunochemistry; Histochemistry; and Applied Anatomy and Biotechnology.

#### **B. Department of Animal Health and Production**

##### **(M.Sc., and Ph.D. Degree Programmes)**

Large Ruminant Health and Production; Small Ruminant Health and Management; Dairy Animal Health and Production; Nutrition in Health and Disease; Swine Health and Production; Nutrition and Management; Animal Genetics and Breeding; Animal Health Management and Economics.

#### **C. Department of Veterinary Medicine**

##### **(M.Sc., and Ph.D. Degree Programmes)**

Avian Medicine; Ruminant Medicine; Small Animal Medicine; Swine Medicine; Equine Medicine; Fish Laboratory and Wildlife Medicine; Ethnoveterinary Medicine.

#### **C. Department of Veterinary Obstetrics & Reproductive Diseases**

Veterinary Andrology; Gynaecology; Obstetrics and Reproductive Biotechnology.

#### **D. Department of Veterinary Parasitology and Entomology**

##### **(M.Sc., and Ph.D. Degree Programmes)**

Parasitic Infections; Parasite Zoonoses; Clinical Aspects; Epizootiology; Diagnosis and Control.

#### **E. Department of Veterinary Pathology and Microbiology**

##### **(M.Sc., and Ph.D. Degree Programmes)**

- (i) Veterinary Pathology: Diagnostic (Anatomic) Pathology; (Clinical Pathology (Haematology and Clinical Chemistry); Avian Pathology Nutritional Pathology.
- (ii) Veterinary Microbiology: Bacteriology; Virology; Mycology; Micoplasmology and Rickettsiology; and Immunology.

#### **D. Department of Veterinary Physiology and Pharmacology**

##### **(M.Sc. and Ph.D. programmes)**

#### **F. Department of Veterinary Public Health and Preventive Medicine**

##### **(M.Sc., MVPH, MPVM and Ph.D. Degree Programmes)**

- (i) **Public Health:** Zoonoses; Food Safety; Including Meat, Fish and Milk Hygiene; Environmental Health and Occupational Safety.
- (ii) **Preventive Medicine:** Epidemiology; Disease Surveillance; Emergency Preparedness and Information Management; Veterinary Quarantine Services; Livestock Production Economics and Entrepreneurship.

#### **E. Department of Veterinary Surgery & Radiology**

##### **M.Sc., and Ph.D. degree programmes**

Veterinary Surgery; Diagnostic Imaging; Anaesthesiology; Orthopedic; Soft Tissue Surgery; and Animal Surgery.

#### 15. FACULTY OF VOCATIONAL AND TECHNICAL EDUCATION

##### **PGDE, PGDTE, M.Tech., M.Ed. and Ph.D. degree programmes**

##### **A. Agricultural Education**

**(PGDTE, M.Tech., M.Ed. and Ph.D.)**

Technology Education in Production Agriculture; Agro-Business Education; Soil Education

##### **B. Business Education**

**(PGDTE, M.Tech., M.Ed. and Ph.D.)**

Software Development and Application; Hardware Maintenance and Management; Networking Communication; Robotics Education; Accounting Education, Marketing Education and Management Education.

##### **C. Computer Education**

**(PGDTE, M.Tech., M.Ed. and Ph.D.)**

- (a) Software Development and Application.
- (b) Hardware Maintenance and Management.
- (c) Networking and Communication;
- (d) Computer and Robotic Education.

##### **D. Home Economics and Hospitality Management**

**(PGDTE, M.Tech., and Ph.D.)**

Child Development and Care Education; Clothing and Textile Technology Education; Food and Nutrition Education; Home Management; and Hospitality Management Education.

##### **E. Industrial Technical Education**

**(PGDE, PGDTE, M.Tech., and Ph.D.)**

Building/Woodwork Technology; Electrical/Electronic Technology; Metal Work/Automobile Technology.

##### **F. Vocational and Entrepreneurship Education**

Vocational Education (Masters and Ph.D.); Entrepreneurship Education (Masters and Ph.D.) ; Agricultural Education (PGDTE); Business Education (PGDTE); Computer Education (PGDTE); Home Economics and Hospitality Management (PGDTE); and Industrial Technical Education (PGDTE).

#### 16. INSTITUTE OF AFRICAN STUDIES

##### **Offers PGD, M.A., M.Sc. and Ph.D. degree programmes**

African Peace and Conflict Studies (PGD); African Studies (M.A. & Ph.D. and Peace and Conflict Studies (MA).

#### 17. INSTITUTE FOR DEVELOPMENT STUDIES (IDS)

##### **PGD, M.Sc. & Ph.D. degree programmes**

The IDS has the following areas of specialization at Masters (M.Sc.) degree level:

Governance and Social Change; Poverty, Power Relations and Social Change; Knowledge, Technology and Society; and International Development.

At Ph.D. degree level, the Institute has the following areas of specialization: Human and Social Development; Community Development; Conflict Resolution and Peace-Building; and Natural Resources and Sustainable Development.

#### 18. INSTITUTE OF MARITIME STUDIES (IMS)

Offers PGD and M.Sc. degree programmes in Maritimes Studies in the following areas:

M.Sc. and PGD in Maritime Business and International Logistics; M.Sc. and PGD in Maritime Law and Policy; M.Sc. in Maritime Telecommunication; PGD in Radio Maritime Telecommunication; and M. Sc in Maritime Management.

#### 19. CENTRE FOR ENVIRONMENTAL MANAGEMENT & CONTROL

Centre for Environmental Management and Control (CEMAC) offers PGD, M.Sc. and Ph.D. degree programmes in Environmental Management & Control; Disaster Risk Management. The Centre also offers Master's degree programmes in Disaster Risk Management (MDRM).

#### 20. POSTGRADUATE PROGRAMMES IN CLIMATE CHANGE ECONOMICS, POLICY AND INNOVATION (CCEPI)

The Centre offers PGD, M.Sc. AND Ph.D. degree programmes in Climate Change Economics, Policy and Innovation. Presently, the PGD and degree programmes in Climate Change are based in the Department of Geography, Faculty of the Social Sciences.

**GENERAL ENTRY QUALIFICATIONS FOR POSTGRADUATE PROGRAMMES**

- i. Candidates for admission into any postgraduate programme of the University must have obtained 5 credits at not more than two sittings in WASC or GCE or NECO or NABTEB including English Language. Candidates shall also possess the minimum entry requirements for admission into the first degree and postgraduate programmes in their areas of interest for postgraduate studies.
- ii. Graduates of the University of Nigeria or other recognized Universities who possess the above qualifications are eligible to apply.
- iii. For the PGD in Civil Engineering, Mechanical Engineering, and Architecture, only candidates with University degrees in relevant areas need apply.

**A. POSTGRADUATE DIPLOMA PROGRAMMES**

- i. Holders of Credit (Upper credit) level passes at HND or its equivalent in
- ii. relevant areas (for programmes in the Faculties of Agriculture and Business Administration; the Departments of Political Science, Public Administration & Local Government; and Vocational Teacher Education; and for Postgraduate Diploma in Electoral Administration Programme). Qualifications such as AIB, ACCA, ACMA, ICAN, BEEC, CPA, etc. may also be considered for admission.
- iii. Candidates with professional qualifications including HND must have obtained 5 credits in WASC or GCE O/L including English and Mathematics for admission into degree courses in Business Administration.
- iv. For Postgraduate Diploma in Geoinformatics & Surveying in particular, candidates with third class honours degrees in Geography, Geology and other Physical Sciences, HND Upper Credit level passes in related fields, are also eligible.
- v. Candidates, who hold qualifications other than the above which are acceptable to the Board of the School of Postgraduate Studies and Senate of the University, may also be considered for admission.

**FACULTY OF AGRICULTURE****Entry Requirements in Nutrition and Dietetics (PGD)**

For PGD programme in Nutrition and Dietetics, candidates must have any of the following qualifications from recognized institutions:

1. HND in Nutrition and Dietetics with a minimum of Upper Credit or Third Class Bachelor's Degree in Nutrition and Dietetics.
2. **M.Sc. in Nutrition and Dietetics:** Candidates seeking admission into M.Sc. in Nutrition and Dietetics must have obtained as follows:
  - a) HND (Upper Credit) in Nutrition and/or Dietetics with PGD (Credit level) in Human Nutrition and/or Dietetics.
  - b) Bachelors degree with at least 2<sup>nd</sup> Class Honours (Lower Division) in Nutrition and Dietetics.
  - c) Bachelor's degree in related discipline with a minimum of Second Class Honours (Lower Division) and PGD in Nutrition and Dietetics at credit level in addition to satisfying the University matriculation requirements.
3. **Ph.D. or M.Sc./Ph.D.:** Candidates seeking admission for Ph.D. degree programme or M.Sc./Ph.D. programme in Human Nutrition and Dietetics must have any of the follow qualifications from recognized institution:
  - a) Master's degree in Human Nutrition and Dietetics with GPA of 3.5.

**Department of Home Science**

1. **PGD:** Candidates seeking admission for PGD in Home Science must have any of the following qualifications from recognized institution:
  - a) HND in Home Science/Economics or relevant fields with a minimum of Upper Credit.
  - b) Third class Bachelor's degree in Home Science/Economics.
2. **M.SC:** Candidates seeking admission for the Master of Science programme in Home Science must have any of the following qualifications from recognized institution:
  - a) Bachelor's degree in Home Science or related discipline with a minimum of Second Class honour (Lower Division).
  - b) Bachelor's degree in Home Science or related discipline with 3<sup>rd</sup> class honours degree plus PGD passed at Upper Credit level.
  - c) HND Upper Credit plus PGD at Upper Credit level in addition to satisfying University matriculation requirements.
3. **Ph.D.:** Candidates seeking admission into Ph.D. programme or firm registration in Home Science

must have Masters Degree in Home Science/Home Economics or related discipline from recognized Institution.

- a) With minimum GPA of 3.5 or 60% without failed courses.
- b) Those with an average of 50% with outstanding course(s) will take them and as well proceed to their Doctorate programme.
- c) Those with an average of less than 50% will retake the entire courses.

#### ENTRY REQUIREMENTS INTO THE FACULTY OF LAW

**LL.M:** Candidates seeking admission into the LL.M programme of the Faculty of Law must among other thing obtained a CGPA of not less than 3.0.

**Ph.D.:** Candidates seeking admission into Ph.D. programme of the Faculty of Law must have obtained a CGPA of not less than 4.0.

Other entry qualifications are as contained in the General Entry Requirements for candidates seeking admission into the University of Nigeria, Nsukka.

#### **B. MASTER'S DEGREE PROGRAMME**

The following shall qualify for Master's Degree admission:

- i. Graduates of the University of Nigeria or of other recognized universities who have obtained the Bachelor's degree in relevant disciplines with at least a second class honours with not less than 2.50 GPA;
- ii. Candidates with relevant Postgraduate Diplomas from the University of Nigeria or any other recognized university with at least credit level passes with a minimum GPA of 3.5 on a 5-point scale or 3.0 on 4-point scale;
- iii. Candidates whose first degrees are unclassified but have scores of 50% or above;
- iv. For M.Ed. degree programmes, candidates with at least a good second class single honours degree in teaching subjects plus at least a merit level pass at Postgraduate Diploma in Education, or those who hold a third class honours degree in teaching subjects plus Postgraduate Diploma in Education passed at credit level or above;
- v. For MPA degree programme, candidates should, in addition to (i) and (ii) above, be serving administrative/managerial staff in the Public or Private sector with a at least two years post-qualification cognate experience;
- vi. Holders of professional Fellowship qualifications such a FIMLT, FNILT, NIPR, or their equivalents obtained through examination. However, candidates with the professional certificates listed above must have worked as Senior Technologist(s) or in equivalent position(s) for at least three years;
- vii. For MPH degree programme, candidates should in addition to (i) above, have at least three years relevant post qualification experience or at least a Second Class Honours degree in Nursing Sciences, Sociology and Social Work, Psychology, Medical Microbiology, Medical Biochemistry, Medical Laboratory Sciences, Health Education, Pharmacy, DVM, MBBS and BDS. For MPH Degree Programme, the Department will screen the candidates further and base their recommendation on such screening result.
- viii. Candidates who hold qualifications other than those listed above, which are acceptable to the Senate of the University of Nigeria.

#### **C. DOCTORATE DEGREE (Ph.D.) PROGRAMME**

Candidates from the University of Nigeria or from other recognized Universities who have obtained Master's degree appropriate for the proposed areas of study shall qualify for Doctorate Degree admission. Specifically:

- (i) A minimum GPA of 3.5 on a 5-point scale is required for admission into Ph.D. programme in all Departments except those departments listed in C: (ii) below:
- (ii) A minimum GPA of 4.0 on a 5-point scale is required for admission into Ph.D. programme in the following Departments/Faculties: Music, Economics, Psychology, Education, Medical Sciences, Business Administration, Department of Public Administration and Local Government, Faculty of Law.
- (iii) A minimum GPA of 3.0 on a 4-point scale or a B (60%) at Master's degree average provided that satisfactory research work formed part of the Master's Degree programme.

#### **D. MASTER'S/Ph.D. DEGREE PROGRAMME**

- i. A candidate with first class honours from a recognized University may be admitted into a Master's/Ph.D. programme in his/her discipline.
- ii. A candidate with Master's degree from a recognized University with a GPA of 3.50 on 5-point scale or 3.00 on 4-point scale who wishes to do Ph.D. degree in a related area shall qualify for the

Master's/Ph.D. Any candidate who is not qualified for Ph.D. admission on account of low GPA is still not qualified for admission into Master's/ Ph.D. programme.

- iii. For Faculties and Departments where the possession of Master's degree with 4.00 points GPA and above is the condition for Ph.D. admission, applicants with Master's degree GPA of 3.50 and above, but not up to 4.00 may apply for Master's/Ph.D. admission. On completion of Master's degree coursework specified by the Department, the candidate shall be qualified for a firm Ph.D. registration if he or she attains the GPA of 4.00 in the Master's programme.

#### CEMAC ENTRY REQUIREMENTS

The following may qualify for admission:

##### **1. Postgraduate Diploma Programme**

- (i) Graduates of the University of Nigeria or other recognized Universities who have obtained a Bachelor's degree with a minimum of 3<sup>rd</sup> Class degree. Such candidates should have a minimum of five credits in WASC or GCE or NECO including English Language, Mathematics and a science subject.
- (ii) Holders of Higher National Diploma (HND) from recognized institutions, with a minimum of upper level credit or its equivalent in relevant areas. Candidates with HND should have obtained a minimum of 5 credits in WASC or GCE O/L or NECO, including English Language, Mathematics and at least one science subject.

##### **2. Master of Science (M.Sc.) Programme in Environmental Management and Control**

- (i) Graduates of the University of Nigeria or other recognized universities who have obtained the approved degree, with a minimum of second class honours division or its equivalent in any of the relevant disciplines.
- (ii) Candidates with university honours degree who also hold the PGD in Environmental Management and Control of the University of Nigeria or other recognized universities with a minimum GPA of 3.50 on a 5-point scale or 3.00 on a 4-point scale is required.

##### **3. Ph.D. (Doctor of Philosophy) programme in Environmental Management and Control.**

Graduates of the University of Nigeria or other recognized universities who have obtained the degree of M.Sc. in Environmental Management and Control or its equivalent.

##### **4. M.Sc./Ph.D. Programme in Environmental Management & Control**

See the General Entry Requirement for Masters/Ph.D. programme in D (i) and (ii) above.

##### **5. MDRM (Master in Disaster Risk Management)**

See the General Entry Requirement for Masters degree programme in B (i) to B (viii) above.

#### ENTRY REQUIREMENTS FOR POSTGRADUATE PROGRAMMES IN INSTITUTE OF MARITIME STUDIES (IMS)

##### **Postgraduate Diploma in Maritime Studies**

- (i) Holders of HND with at least upper credit level pass;
- (ii) Minimum of Second Class Honours degree with at least 2.5 GPA from UNN or any other recognized Universities.

##### **Masters Degree in Maritime Studies**

###### **(a) M.Sc, Maritime Management**

- (b) Minimum of a Second Class Honors degree with at least 2.5 G.P.A in Economics; Accountancy, Banking and Finance, Insurance, Management and Marketing;
- (c) Postgraduate Diploma in Maritime Management with a minimum of Upper Credit level pass from UNN or any other recognized University;

###### **(b) M.Sc. in Maritime Business & International Logistics**

- (i) A minimum of Second Class Honours degree with at least 2.5 GPA in Economics, Accountancy, Banking & Finance, Insurance, Management and Marketing, from UNN or any other recognized University.
- (ii) PGD in Maritime Business & International Logistics with a minimum of Upper Credit level pass.

###### **(c) M.Sc. Maritime Telecommunication**

- (i) A minimum of a Second Class Honours degree with at least 2.5 GPA in Electrical/Electronic Engineering or related disciplines from UNN or other recognized University.
- (ii) Candidates with PGD in Maritime Telecommunications of UNN or any other recognized institution with at least Upper Credit level pass.

###### **(d) M.Sc. Maritime Law and Policy**

- (i) A good honours degree in Law (LLB) from UNN or any other recognized University.

**Duration of Programme:** Master's degree programme in Maritime Studies has a minimum of 18



months (3 Semesters) while PGD programme has a minimum of 12 months (2 Semesters).

#### INSTITUTE OF MOLECULAR AND INFECTIOUS DISEASES

- (a) Masters/Ph.D. in Tropical Paediatrics (M.Sc. Tropical Paediatrics/Ph.D.)
- (b) Masters in Human Reproduction/Ph.D. (M.Sc. Human Reproduction/Ph.D.)
- (c) Masters in Adolescent and Child Health/Ph.D. (M.Sc. Adolescent and Child Health/Ph.D.)
- (d) Masters in Women's Health and Reproductive Science/Ph.D. (M.Sc. Women and Reproductive Health/Ph.D.)
- (e) Postgraduate Diploma in Maternal and Child Health (PGD Maternal & Child Health).

#### ENTRY QUALIFICATIONS FOR POSTGRADUATE PROGRAMMES IN CLIMATE CHANGE ECONOMICS, POLICY AND INNOVATION (CCEPI)

##### POSTGRADUATE DIPLOMA PROGRAMME

- i. The following shall qualify for postgraduate diploma admission:
- ii. Graduates of the University of Nigeria or any other recognized Universities;
- iii. Holders of Credit (Upper credit) level passes at HND;
- iv. Candidates with the Bachelor's degree with a minimum of third class honours;
- v. See also the general entry requirements for postgraduate diploma programmes.

##### MASTER'S DEGREE PROGRAMME

The following shall qualify for Master's Degree admission:

- i. Graduates of the University of Nigeria or of any other recognized universities who have obtained the Bachelor's degree in relevant disciplines with at least a good second class honors in the following faculties/disciplines: Agriculture, Biological Sciences, Health Sciences & Technology, Physical Sciences, The Social Sciences and Veterinary Medicine, Business Administration, Environmental Studies, faculties in Humanities and Law.
- ii. Candidates with Postgraduate Diploma in Climate Change Economics, Policy and Innovation of the University of Nigeria or awarded by any other recognized institution with at least upper credit level passes;
- iii. Candidates whose first degrees are unclassified but have scores of 50% or above;
- iv. Candidates who hold qualifications other than those listed above, which are acceptable to the Senate of the University of Nigeria.

##### DOCTORATE DEGREE (Ph.D.) PROGRAMME

The following shall qualify for Doctorate Degree admission:

Graduates of the University of Nigeria or of any other recognized Universities who have obtained the Master's degree in Climate Change Economics, Policy and Innovation with a minimum CGPA of 3.50 on a 5-point scale, 3.00 point on a 4-point scale or 'B' 60% average provided that satisfactory research work formed part of the Master's degree programme;

##### MASTER'S/Ph.D. PROGRAMME

The following shall qualify for Master's/Ph.D. admission:

- i. A candidate with first class honors from a recognized University may be admitted into a Master's/Ph.D. programme;
- ii. A candidate with Master's degree from the University with a grade point average of 3.50 on 5-point or 3.00 on 4-point scale i.e. 60%.

##### SANDWICH POSTGRADUATE PROGRAMMES

1. M.Ed. Sandwich programmes of the Faculty of Education are run in the following Departments: Adult Education; Arts Education; Science Education; Health & Physical Education (Health Education, Physical Education & Recreation options); Social Science Education; and Vocational Teacher Education.
2. MLS degree sandwich programme is offered in the Department of Library & Information Science.
3. Sandwich Postgraduate Diploma in Education (PGDE), Postgraduate Diploma in Vocational Teacher Education (PGDTE) and Postgraduate Diploma in Library & Information Science (PGDL) are based in the Institute of Education under Sandwich Programme.

NOTE: Candidates are advised to read through the current Postgraduate Regulation of the University for proper guidance on the conditions for Postgraduate admissions in the University.

##### DURATION OF COURSES

Postgraduate Diploma (Regular) – Two semesters

Postgraduate Diploma (Sandwich) – Three Long Vacations

Master's degree (Regular):

- a) A minimum of 3 semesters for full-time and 5 Semesters for part-time in all Departments/Faculties except for the Departments/Faculties listed in c (ii) below.
- b) A minimum of 4 semesters for Full-time and 6 semesters for part-time for the following Departments/Faculties: Sociology, Psychology, Public Administration and Local Government (PALG), Agriculture, Veterinary Medicine, Education and Business Administration.
- c) M.Ed. (Sandwich) - three long vacations.
- d) Ph.D. degree Programme – A minimum of six semester for full time and eight semesters for part time in all Faculties except Agriculture which is four semesters for full time and six semesters for part time. (Ph.D. is not run as a Sandwich programme).
- e) Candidates are expected to complete their programmes at the minimum duration but not to exceed the maximum. (See: Postgraduate Regulations).

#### REGISTRATION

For Regular/Sandwich programme, Postgraduate Diploma, Master's and Doctorate degree programmes, candidates are considered for admission once in a session. Regular students are expected to register their postgraduate courses within four weeks from the commencement of the session. Candidates admitted for sandwich programmes are expected to register not later than two weeks from the commencement of the sandwich session.

#### METHOD OF APPLICATION

Application Forms can be obtained ONLINE on payment of a non-refundable fee of ₦25, 000.00 (Twenty five thousand naira only) made payable to **“The University of Nigeria Postgraduate Application Fees Account**, at any bank within the country using the Remita platform.

**Applicants should log on to [www.unn.edu.ng](http://www.unn.edu.ng) and follow the procedures stated below:**

- Click on UNN Portal or through this link [unnportal.unn.edu.ng](http://unnportal.unn.edu.ng).
- Click on PG Application form to generate invoice for payment.
- Use your phone number to generate the invoice. You are advised to use a functional number to enable us reach you for the admission screening test.
- Proceed to any Bank with Remita platform for payment.
- Return to the UNN Portal with your payment confirmation pin from the Bank and follow the procedure for completing the form.

#### REFEREE REPORTS

Candidates should download three (3) copies of the referee report (D<sub>1</sub>) forms after completing preliminary and personal details online. Some details on the form would be inserted automatically with the information provided by the candidate online while the remaining information should be completed by the referee manually and returned to the candidate who will enclose it in sealed envelope for submission. Please note that applications would not be processed unless the referees' reports are available.

#### TRANSCRIPTS

Candidate should download **transcript request forms (D<sub>2</sub>)** also provided online, and submit to their former Universities/Institutions to forward with a copy of Academic transcript(s) to **“The Secretary, School of Postgraduate Studies, University of Nigeria, Nsukka”** to reach him/her not later than **30<sup>th</sup> July**. Candidates whose transcripts are not received on or before the deadline by the School would not have their application forms processed.

#### SUBMISSION OF APPLICATION FORMS

Most information required would be completed online. However, a copy of the online completed application form should be downloaded and printed. The printed application form with the relevant documents as listed below should be posted or delivered to the Secretary, School of Postgraduate Studies, University of Nigeria, Nsukka, for Nsukka based faculties. Candidates for Enugu based faculties are to submit their application forms by post or delivered to: The PAR, School of Postgraduate Unit, University of Nigeria, Enugu Campus. For ease of reference, Enugu based faculties are: Business Administration; Environmental Studies; Health Sciences & Technology; Medical Sciences; Institute for Development Studies (IDS) and Centre for Environmental Management & Control (CEMAC). Candidates are advised to ensure that the following documents are enclosed in the file:

- (a) NYSC Certificates (Discharge or Exemption or exclusion Certificate). Note that To Whom It May Concern shall not be accepted.

- (b) Two copies of the Application summary form (D<sub>3</sub>) available online should be downloaded & printed:  
 (i) One copy of the printed summary form (D<sub>3</sub>) should be glued very neatly (NOT STAPLED) on a brown 10" X 15" envelope;  
 (ii) The second copy of the printed summary form (D<sub>3</sub>) should be glued very neatly (NOT STAPLED) on a white 9" X 13" file Jacket;  
 (c) All accompanying documents should be placed in the file Jacket, specified in (c.ii) and the File Jacket should be placed in brown envelope as specified in (c.i.) above.

All documents must fit into the 10" X 15" envelope and delivered or addressed and sent by courier to "The Secretary, School of Postgraduate Studies, University of Nigeria, Nsukka".

#### CLOSING DATE

Application starts from the date of this and closes after 30 days.

#### \*\* IMPORTANT NOTICE TO ALL APPLICANTS\*\* publication

1. All applicants shall undergo computer based Postgraduate admission screening test.
2. Check out for information on screening processes via the UNN Website: [www.unn.edu.ng](http://www.unn.edu.ng) from July to August after submitting the completed application form for your further necessary action.
3. Dates for the Screening Test are usually fixed between July and August.
4. For Ph.D. degree programme, a candidate must obtain at least an acceptance letter from a journal certified by the University of Nigeria, Nsukka as a condition for graduation.

#### **Remedial Programme**

Candidates whose backgrounds are weak may be required to take remedial courses provided that the total workload for the remedial courses does not exceed 14 credit units. Candidates shall be required to make a grade of at least "C" in not more than two attempts in a remedial course for them to continue with the programme.

#### **Registration**

- (i) **Regular programme (Full-Time, Part-Time or Evening Executive):** Candidates admitted for regular postgraduate programmes must complete registration at the School of Postgraduate Studies at Enugu or Nsukka Campus (as applicable) within the first 30 days of commencement of a new session. Late registration fee shall be paid by those registering after 30 days of the commencement of a new session.
- (ii) **Sandwich Programme:** Registration for sandwich programmes take place within two days of the beginning of sandwich session, usually in August.

#### **Postgraduate Online Registration Process**

Candidates who are admitted into postgraduate programmes for the 2016/2017 academic session should observe the following registration processes.

- Visit the URL: <http://unnportal.unn.edu.ng>.
- Click on POSTGRADUATE STUDENTS.
- CLICK ON POSTGRADUATE PORTAL.
- By the right hand side, click on "CLICK HERE TO GET LOGIN DETAILS."
- If new student, click on NEW STUDENTS' button. If an old student, then click on RETURNING STUDENTS' button.
- In the registration number box, enter your application number in full e.g. UNN/PG/2016p-18/000039
- Click SUBMIT to get login details i.e, username and password which is your application number.
- Click on STUDENT LOGIN to go back to the login page.
- In the username and password boxes enter your application number in full and click on LOGIN, which opens your account.
- Click on PROFILE and then CHANGE PASSWORD to change your default password.
- Click on PROFILE and then BIO-DATA to complete your profile.
- Click on ACCEPTANCE and then GENERATE PG ACCEPTANCE INVOICE to generate acceptance fee payment invoice.
- Proceed to the bank to make the payment and obtain a bank print out and a bank teller. After the payment, click on ACCEPTANCE and then PG-ACCEPTANCE to printout your Provisional Admission Letter.
- Click on SCHOOL FEES and then GENERATE PG SCHOOL FEES INVOICE to generate PG school fees payment invoice. Proceed to the bank to make the payment and obtain a bank print out and a bank teller.
- After the payment in the bank, click on SCHOOL FEES and then PG SCHOOL FEES in your

account to obtain online school fees receipt.

- Then click on GET SCHOOL REG. NO. To get registration number e.g. PG/MS/16/73789.
- Then printout your PARTICULARS of Admission and YOUR PROFILE and submit together with your admission letter to room 115.
- Proceed to room 202 at Postgraduate School for school fees and acceptance fee payment verification.
- Then, proceed to Room 107 at PG school for your original school fees and acceptance fee receipts.
- Visit Room 115 at the Postgraduate Studies with your original certificates for verification.
- Postgraduate students interested in hostel accommodation should generate hostel payment invoice and pay in the bank

#### **Payment of Fees and Certificate Clearance**

Candidates offered admission may register on payment of the appropriate fees and production of originals of their certificates other acceptable evidence which shows that they hold the qualifications claimed in their applications. Certificate clearance involves all candidates including the graduates of the University of Nigeria.

#### **General Guidelines for Registration**

1. Candidates are prohibited from registering for and prosecuting more than one postgraduate programme of the University at the same time. The programmes of those who violate this rule will be cancelled.
2. A candidate may register for full-time, part-time or sandwich programme as applicable.
3. Members of the staff of the University of Nigeria including teaching staff and research fellows who possess the necessary qualifications may be admitted for part-time study.
4. A candidate who is engaged in work other than an advanced study for more than 12 hours a week, or is engaged in full-time employment may register for part-time, evening or sandwich programme. Those who violate this provision shall have their studentship terminated.
5. Candidates for Ph.D. programmes can only register full-time or part-time. There is no sandwich Ph.D. programme in this University.

#### **Renewal of Registration**

A candidate studying for postgraduate diploma, Master's or Ph.D. programme shall renew his/her registration at the beginning of each academic session by paying the session's fees and completing renewal of registration forms. A candidate whose programme has lapsed loses his/her studentship.

#### **Duration of programmes and progress report**

The maximum and minimum durations of postgraduate programmes shall be:

##### **(i) Duration of Master's programme**

Full-time	A minimum of 3 semesters A maximum of 5 semesters
Part-time	A minimum of 5 semesters A maximum of 8 semesters

For all Departments and Faculties except Departments of Sociology, Psychology, Public Administration and Local Government, Faculties of Agriculture, Veterinary Medicine, Education and Business Administration that have minimum/maximum duration of 4/6 semesters for Full-time and 5/7 semesters for Part-time.

##### **(iii) Duration of Master's/Doctoral programme**

Full-time:	A minimum of 8 semesters A maximum of 12 semesters
Part-time:	A minimum of 10 semesters A maximum of 14 semesters

##### **(iv) Duration of Doctoral programme (after Master's degree)**

Full-time:	A minimum of 6 semesters A maximum of 10 semesters
Part-time:	A minimum of 8 semesters A maximum of 12 semesters

The first two semesters of the Doctoral programme shall be devoted to course work and written examinations, the remaining sessions for Thesis.

##### **(v) Duration of postgraduate diploma programmes**

Regular (Full-time): A minimum of 2 semesters

Sandwich:	A maximum of 4 semesters
	A minimum of 2 long vacations
	A maximum of 4 long vacations

The student's registration for the higher degree or postgraduate diploma shall lapse if after the maximum duration of the programme the candidate has not presented himself for examination or where the relevant Departmental/Faculty Committee has not adjudged the student as being ready for examination.

- (i) Each Masters or Doctorate degree student shall complete and submit a Progress Report each semester of his/her programme, through the Supervisor, through the Head of Department and through the Dean of the Faculty to the Dean, School of Postgraduate Studies.

#### **Lapsing of Admission**

And Admission for postgraduate studies lapses if an admitted candidate fails to register full for the programme within the first month of the first semester of the year of offer of admission.

#### **Postgraduate Studies Regulations**

The full postgraduate regulations are printed separately and information contained in it supersedes similar ones that appear in this calendar. This University reserves the right at any time to change or cancel any postgraduate programme or any course time-table or any examination arrangement, and to restrict change of departments, field of study, if and when such action should become necessary.

#### **Higher doctorate**

Eligible candidates may apply for admission for higher doctorate degree in their special areas. Higher doctorates are those considered to be higher than the degree of Doctor of Philosophy (Ph.D.) such as D.Sc., D.Litt. etc. see sections 55 a-t of the Postgraduate Regulation 2015 for a guide to candidates who may be interested in applying.

#### **Payment of fees**

Postgraduate students, including sandwich students and students from overseas are required to pay fees annual as specified for the particular courses. For details of fees payable for full-time and part-time programmes, please follow the postgraduate online registration process shown above.

### **GENERAL INFORMATION**

#### **Postgraduate Scholarship/Research Aid**

The University usually provides financial support to deserving Nigerian Postgraduate students subject to availability of funds. The financial support comes in the form of postgraduate Scholarships and Research Aids. The scholarship and research aid awarded annually are limited in number and value of each award depends on the level of funding provided by the University. The criterion for the award of Scholarship is mainly academic merit.

#### **Overseas students' fee support**

The University does not at the moment have financial support scheme for overseas students.

#### **Language of Instruction**

The language of instruction in all the faculties is English. Candidates from countries in which English is not the language of instruction and who have not studied English to a reasonable standard may be asked to provide evidence of competence in English as a condition for admission

#### **Course Descriptions**

Full details of the courses offered are contained in the approved postgraduate programmes of individual departments. They are also to be found in the postgraduate prospectus. The course details may be communicated to anyone on request.

#### **Accommodation**

At the University of Nigeria, a separate hall with limited bed spaces is provided on each campus for postgraduate students who wish to live in the Hall of Residence the Odili Hall. A number of the students live in private bed sitting rooms, flats or houses in the town. The lodging and Information Unit of the Student Affairs Department helps private and married students to locate suitable accommodation in the town. But the unit does not negotiate the accommodation with landlords. The students do that themselves.

The Hall rooms are single study bed rooms which are shared by two students. The bathrooms and other conveniences are shared. Reading rooms and parks are provided for the hall. There is central cafeteria where foods are served on pay as you eat basis.

The hall is within reasonable distance to the University main Library, the classrooms and staff offices. There are banks on each campus. Taxi and bus services (*SAUTTLE*) run to and from the town at considerably cheap rates.

**Hall Warden:** The University appoints a Hall Warden for the Hall of Residence.

#### **Hall Government**

The Hall Governments are established by student body through elections to cater for the welfare of the inmates of the Halls.

**Postgraduate Students Union**

There are postgraduate students Union of which all Postgraduate Students, both regular and sandwich may be members. The Postgraduate Student Union acts as the social, cultural, sporting and political focus for student life on Campus. The Union plays significant part in representing the interest of the postgraduate student within the University.

**Medical Services**

The University Medical Centre provides medical service for immunization sport injury and physiotherapy clinic, etc. Duly registered students are covered by the National Health Insurance Scheme (NHIS).

**Sports**

Sporting facilities are provided by the Department of Human Kinetics and Health Education. The aim of sports is to encourage as many students as possible to participate in sporting activities. Sports offer relief from strains of academic studies and also give opportunity to meet people and make friends. Moreover, scientific evidence suggests that suitable exercise is most beneficial to the body and mind.

**Nnamdi Azikiwe Library**

The University of Nigeria has libraries at the Nsukka and Enugu Campuses. The Nnamdi Azikiwe Library is located at Nsukka Campus in the main library of the University. There are branch libraries at the Faculties of Agriculture, Education and Institute of African Studies. Enugu Campus libraries include the main library (Enugu Campus Library). Institute for Development studies and Medical Libraries.

The main Library at Nsukka Campus houses the Union Catalogue which carries information on the holdings of other libraries. A new ultra-modern library complex which can take 4000 students at t time in Nsukka Campus. The library is fitted with modern library facilities including computers, binding and printing sections

## Chapter 11

### College of Medicine University of Nigeria, Ituku/Ozalla Campus

#### Office of the Provost

##### Staff

E.N. Onwasigwe (Ven.), MBBS (Nigeria), FMCOP, FWACS, FICS.	Provost
F.E. Ejezie, B.Sc., M.Sc., Ph.D.	Deputy Provost
O.D. Ezuma Esq., B.Sc., LL.D., MPA, NIM, NIIA	Deputy Registrar/College Secretary
C.N. Chioke, B.Sc.	PEO II
S. Okwuegbule, MPA, M.Sc.	Principal Conf. Secretary I
P.E. Edah, B.Sc.	Senior Data Proc. Officer II

#### Financial Controller

A N, Nwabuzor, ACA, MBA, M.Sc., PGD, HND, CITN, FCA	Financial Controller
H.N. Onaga, B.Sc.	Princ. Accountant
E.N. Ukpai, B.Sc.	Senior Accountant
D.C. Ogugu, B.Sc.	PEO II Accounts
O.A. Obinwanne, B.Sc.	PEO II Accounts
O.I. Ugwuagu, B.Sc., PGD	PEO I
G.C. Onyia, B.Sc.	PEO II
I.C. Modum, B.Sc., MBA	Accountant I

#### Personnel Office

A.O. Ekezie Esq., B.Sc., LL.B, BL.	Deputy Registrar/Personnel Officer
I.A. Aneke, B.Sc.	PAR
R. Anyanwu, B.Sc.	PEO II
N.E. Onoh, B.Sc.	H.E.O.

#### Medical Library

B.U. Ugwoke, Ph.D., MLS, B.Ed.	Med. Librarian
I.K. Ohaji, MLS, BA.	Senior Librarian
N.C. Uzoagba, MLS, B.Sc.	Senior Librarian

#### Directorate of Research and Publications

U.S.B. Anyaehie, MBBS, M.Sc., Ph.D.	Director
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#### Centre for Medical Education

J.C. Chuwuka	MBBS, FMCP, NPMC.
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#### Student Affairs

#### Brief History

In 1963, the National Universities Commission (NUC) recommended that the Federal Government should take the initiative, following the Ashby Commission report, to establish a medical school in the University of Nigeria which should become functional in October, 1968. Nothing concrete in terms of provision of Physical Structures for the Medical School was achieved by the time the Nigerian Civil War broke out in 1967.

A couple of days after the civil war officially ended, the Administrator of the East Central State of Nigeria, Mr. Ukpabi Asika, while appointing a Planning and Management Committee (PMC) for the University of Nigeria under the chairmanship of Mr. Vincent Ike, also appointed an Ad Hoc Planning and Management Committee of the University Teaching Hospital under the Chairmanship of Dr. F.A. Udekwe, Associate Professor of Surgery, to once again look into the question of using the Enugu General Hospital as a functional hospital for the University of Nigeria.

While the battle for the control of the General Hospital, Enugu was going on, the Faculty of Medicine had reassembled under the deanship of Prof. G. Onuaguluchi.

There were pressures from many quarters to admit medical students soon after the war but responsible opinion in the Faculty opposed the idea as the Faculty had no buildings of its own and no equipment to begin teaching. The Faculty Board therefore decided to postpone admissions until October, 1970 and to use the intervening period of about 8 months in getting basic facilities ready for teaching.

Students were admitted for the first time in October, 1970 as follows:

- 1<sup>st</sup> Year (premedical class) – 60
- 2<sup>nd</sup> Year (1<sup>st</sup> year preclinical class) – 58.

The 1<sup>st</sup> Year students stayed at the Nsukka Campus studying physics, chemistry and biology among other subjects. The 2<sup>nd</sup> year students began their studies at the Enugu Campus and studied Anatomy, Physiology and Physiological Chemistry. Three of the students were foreign students (two from Ceylon and one was a refugee from South Africa).

In 1972, the Board of the Faculty of Medicine while discussing with the Vice-Chancellor on his new organizational (Collegiate System) structure for the University, decided to recommend to the University that the Faculty of Medicine should be “organized separately as a semi-autonomous School or College and should be separately financed”. Consequently the Faculty Board of Medicine on November 17, 1976 and February 3, 1981 again resolved that a College of Medicine be established. However, it was not until February 24, 1982, that the Senate gave its consent for the establishment of the College and the University Council at its 118<sup>th</sup> meeting on March 3, 1982, approved that the College of Medicine be established. The Federal Ministry of Education and the Federal Executive Council, following the approval given by the NUC on March 1982, also gave their approval on June 9 and July 29, 1982 respectively. The College of Medicine of the University formally became a reality with the signing of the University of Nigeria Statute No. 2 by the President of the Federal Republic of Nigeria, Alhaji Shehu Shagari, on December 3, 1982.

The College began with two faculties: The Faculty of Medical Sciences and Dentistry and Faculty of Health Sciences and Technology. Following elections on December 7, 1982, Prof. R.M. Anikwe became the first Provost of the College and Prof. S.C. Ohaegbulam became the first Dean of the new Faculty of Medical Sciences and Dentistry. The Vice-Chancellor appointed Prof. B.C. Umerah as the Acting Dean of the Faculty of Health Sciences and Technology. He was subsequently elected the first Dean of that Faculty in 1983.

### **Structure of the College Of Medicine**

Presently the College of Medicine, University of Nigeria Enugu Campus comprises four faculties, viz, Faculty of Medical Sciences with 19 departments; Faculty of Health Sciences and Technology with 5 degree awarding departments, Faculty of Dentistry with 4 departments, and Faculty of Basic Medical Sciences. The student population is about 2,500. Three research institutes have also recently been established in the College: Institute of Maternal and Child Health, Institute of Molecular Medicine and Infectious Diseases, and Institute of Public Health.

The Provost is the Chief Executive Officer of the College, assisted by the Deputy Provost. The College Secretary is the Head of the Administration of the College while the Financial Controller takes charge of the financial affairs of the College. The College at the moment has a total academic staff strength of 164 faculty members, 156 Senior Administrative and technical Staff and a junior staff strength of 147.

### **Future Plans**

As the College has moved to its permanent site at Ituku/Ozalla, the Administration has conceived some plans for future development and sustenance of the gains of the medical school. The College has plans for embarking on consultancy services, establishing business ventures and seeking collaborative arrangements with outside bodies and institutions especially abroad. It has plans also to establish a Center for Advanced Research in Biomedical Sciences (CARBS). The establishment of the center is necessitated by the need for a center that can pool resources available in the College together, catalyze innovative biomedical scientific thought and ultimately impact favourably on our scientifically challenged environment.

The College of Medicine and its affiliated University of Nigeria Teaching Hospital is a first generation institution of pedagogy, research and training of medical students, nurses, laboratory scientists, physiotherapists, radiographers and health management experts for providing health care at the highest level to Nigeria and the West African sub-region. The cardio-thoracic unit is the designated center of excellence in this specialty in Nigeria. The department of Pharmacology and Therapeutics is one of the world centers for tropical diseases research, especially onchocerciasis and malaria. It is part of a consortium of international centers for equitable health system research. There is on-going research on type II diabetes as part of the “Human genome project” in Department of Medicine and also in the areas of kidney disease, rapid dipstick diagnosis of malaria, male infertility, clinical trial of drugs, sickle cell disease etc. Furthermore, the Senate of the University of Nigeria recently approved a Doctorate of Medicine (MD) programme for physicians who are already professionals but wish to contribute to learning.

### **Mission Statement**

Dedicated to the pursuit of excellence in:

- the undergraduate, graduate, postgraduate and continuing education of health professionals and scientists who will competently provide healthcare services in the country and beyond,



- the initiation and conduct of biomedical, psychosocial, clinical and public health research to advance the frontiers of medical knowledge.

**Vision Statement**

Through excellence in education and research and clinical service, College of Medicine, University of Nigeria will achieve ever-increasing national distinction as a health sciences college.

College of Medicine, University of Nigeria will provide outstanding medical education through its faculty, staff, programs, centers of excellence and affiliates.

College of Medicine, University of Nigeria will advance its unique contributions to the diversity of the workforce, health, quality of life and prosperity of its immediate environment and Nigeria in general.

## Chapter 12

### Institutes and Centres

#### Institute for Development Studies

##### Staff

O. Ogbu, B.Sc. (Nigeria), M.A. , Ph.D. (Howard), FNAE, OON	Director
O. Ibeanu, B.Sc., M.Sc., Ph.D.(Nigeria)	Professor
O. E. Onyukwu, B.Sc. (Jos), M.Sc. (Nigeria), M.A. (Leeds)	Reader
B. D. Umoh, B.Sc., M.Sc. (Jos), Ph.D. (Awka)	Deputy Director
O. C. Eneh, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Research Fellow
N. Orji, B.Sc. (Abia), M.Sc. (Nigeria), Ph.D. (Hungary)	Research Fellow I
U. Amakom, HND, PGD, M.Sc., Ph.D. (Awka)	Senior Research Fellow
B. U. Nwosu, B.Sc. (Nigeria), M.Sc. (Nigeria), Ph.D. (New Zealand)	Research Fellow I
C. Agu, B.Sc., M.Sc., Ph.D. (Nigeria)	Research Fellow I
I. I. Forchu, B.Sc., (Ibadan), M.Sc. (NAU), Ph.D. (NAU)	Research Fellow I
N. J. Owo, B.Sc. (Enugu), M.Ed., Ph.D. (Nigeria)	Research Fellow I
V. N. Ogakwu, NCE (Oyo), B.Ed. (Enugu), M.Ed., Ph.D. (Nigeria)	Research Fellow I
K. C. Iwuamadi, B.Sc. (Nigeria), M.Sc.(Nigeria)	Research Fellow I
R. O. Ugwuanyi, B.Sc., M.Sc. (Nigeria)	Research Fellow I
U. I. Anekeje, B.Ed. (Enugu), PGD (Bremen), M.Sc. (Bremen)	Research Fellow I
C. C. Eze, B.Sc. (Enugu), M.A., M.Sc. (Nigeria)	Research Fellow I
C. T. Isife, B.Sc. (Nigeria), M.Sc. (NAU), M.Sc. (Nigeria)	Research Fellow I
A. F. Udenka, B.Sc. (NAU), M.Sc. (London)	Research Fellow I
S. C. Ezike, B.A., B.A. Rel. (Nigeria), M.A. (Duquesne), M.A. (Coventry)	Assistant Research Fellow
H. N. Ugwu, B.Sc., M.Sc. (Nigeria)	Assistant Research Fellow
P. C. Dioka, B.A. (Ifè), LLB. (Nigeria), BL., (Lagos)	Former Registrar
E. C. Agu, B.Sc. , M.Sc. (Nigeria)	Administrative Officer
R. O. Omuluche, OND, HND (Oko), PGD, MPA (Enugu)	Director's Secretary

##### Brief History

Institute for Development Studies (IDS) was established on July 22, 1963 under an agreement between the University of Nigeria Nsukka, Michigan State University USA, the Ford Foundation and the United States Agency for International Development (USAID). It was then known as Economic Development Institute (EDI). The Institute's major mandate at that time was to engage in development economic research which guided her in making input into government policies and programmes of the time. The initial leadership of the Institute for development Studies up till the commencement of the early independence political crisis and civil war was provided by Michigan States University.

Based on the observed fact that in spite of modest economic growth rates of sub-Sahara African countries, poverty among the people was deepening, coupled with the unsustainable growth path prevailing then, the EDI was renamed Institute for Development Studies (IDS) in January 1984 following the decision of the senate of the University of Nigeria. This further broadened the mandate and scope of activities of this pioneer Nigeria Development Studies Institute making it more innovative and interdisciplinary.

To meet the rising demand for development professionals who would engender a human centred development, the Institute for Development Studies (IDS) commenced programmes of studies leading to the award of higher degrees in Development studies (Ph.D., M.Sc., and PGD) from the 2006/2007 session. The programme in Development Studies is guided by the philosophy that development is multidisciplinary in nature. The following are the thematic areas of focus:

##### Tracks of Specialization

**M.Sc. Programme**

- Human and Social Development
- Community Development
- Conflict Resolution and Peace-building
- Natural Resources and Sustainable Development
- International Development

**Ph.D. Programme**

- Government and Social Change
- Poverty, Power Relations and Social Justice
- Knowledge, Technology and Society

International Development

**Institute for Drugs-Herbal Medicine-Excipient Research and Development (ID-HED-ERD) Staff**

S.I. Ofoefule, *MPSN, MIPAN, MNAPA, FIIA*

Director

**Brief History of the Institute**

The Institute for Drugs-Herbal Medicine-Excipient Research and Development (ID-HED-ERD) was a product of a proposal submitted to the University of Nigeria Senate by the Faculty of Pharmaceutical Sciences in 2016. The Faculty submitted two proposed institutes - one dealing with Drug Development and Herbal Medicine and the other dealing with research into Pharmaceutical excipients. The University Senate merged the two proposed institutes to what is now known as Institute for Drug-Herbal MedicineExcipient Research and Development. The Institute was approved as one of the Research Institutes in the University of Nigeria, and domiciled in the Faculty of Pharmaceutical Sciences at the 388<sup>th</sup> meeting of the University Senate on August 31, 2016. The Institute received a formal approval by the University Governing Council at its 250<sup>th</sup> meeting held in January 17 and 18, 2017.

The Institute is charged with the following responsibilities:

- i. Conduct research into the various Drug Delivery systems with particular emphasis on Novel Drug Delivery systems.
- ii. Conducts studies to ascertain efficacy and safety medicinal plants in Nigeria for use in the community and Pharmaceutical Industry.
- iii. Conduct clinical screening, scientific validation of medicinal plant products, Pharmacological and Toxicological studies of medicinal plants and isolation of bioactive constituents of medicinal plants
- iv. Design appropriate dosage forms for medicinal plants proven to be therapeutically effective and provide advocacy for the rational use of safe and effective medicinal plants by healthcare providers.
- v. Develop and maintain a functional and viable Botanical garden domiciled in the Faculty of Pharmaceutical Sciences.
- vi. Development of Pharmaceutical excipients from local sources, functionality and standardization of locally sourced excipients for the Pharmaceutical Industry.
- vii. Liaise with other similar institutes, traditional herbal practitioner in Nigeria and abroad to expand knowledge and enhance collaboration in Herbal medicine and Pharmaceutical excipient Research. **Vision**

The Institute shall be the recognized leading authority on Drug discovery, Herbal Medicine and Pharmaceutical Excipients Research in Nigeria.

**Mission**

The Institute shall undertake research into novel drug delivery systems, herbal medicine research and utilization and pharmaceutical excipients sourcing, functionality testing and standardization in an integrated and multi-disciplinary approach within and outside the pharmaceutical sciences to:

- (i) Establish rational use of herbal medicines, and
- (ii) Promote the local content of the pharmaceutical Industry in Nigeria.

**Research Focus**

The main focus of researches of the Institute is;

- i. Research into the development of drugs, especially novel drug delivery systems, pharmaceutical excipients and materials from local plant and animal sources for the Pharmaceutical Industry.
- ii. Research into bioactive substances from plant and animal sources, including isolation, characterization and standardization of bioactive substances from plant and animals using appropriate Technologies.
- iii. Develop appropriate dosage forms for developed drug entities and herbal medicines, including pilot scale up of established dosage forms.
- iv. Establish and maintain functional laboratories and upgrade the existing pharmaceutical medicinal plant garden for the propagation of medicinal plants.
- v. Establish and enter into collaborative agreement with other relevant Research Institutes and Pharmaceutical companies/establishments for the purpose of synergy and commercialization of research findings.
- vi. Liaise with complementary national bodies, government agencies, regional and international bodies in the pursuance of the objectives of the Institute.
- vii. Conduct national, regional and international workshops/conferences on Drugs, Herbal Medicines and Pharmaceutical Excipient development.

### **Research Facility**

The institute shall operate seven research subunits to achieve its research objectives. The research subunits are;

- i. Phytochemical Screening Unit
- ii. Toxicological/ Biochemical Unit
- iii. Microbiological/ Biotech Unit
- iv. Pharmacological/ Clinical Unit
- iv. Formulation Science Unit
- v. Analytical/ Quality Control Unit
- Grant Writing/ Publication Unit

### **Institute for Maritime Studies**

#### **Staff**

H.E. Ichoku, B.Sc. (Nigeria), M.Sc., Ph.D (Cape Town)	Director
E.E. Nwanmuoh, DPA (Nigeria), B.Sc. (Awka), PGD, MBA, M.Sc. (Nigeria)	Chief Executive Officer/Secretary
K.O. Okafor, B.Sc. (Awka), M.Sc. (Greenwich)	Administrative Officer
O.N. Okwor, OND , HND	Higher Executive Officer
N.C. Anyachebelu, LLB (Ilorin), BL (Lagos), LLM (Newcastle)	Lecturer II
U.T. Ozumba, B.Sc., M.Sc. (Enugu), LLB (Nigeria), BL (Lagos)	Assistant Lecturer
A.C.P. Udeh, B.Sc. (Enugu), PGDST (Oron), M.Sc. (Nigeria)	Assistant Lecturer
H.C. Onuorah, B.Sc. (Awka)	Higher Technical Officer II
O.J. Ofoma, B.Sc. (Ghana)	Higher Technical Officer II
C.D. Echezona, B.Sc. (Owerri)	Higher Technical Officer II
C.J. Nwafor, B.Sc. (Nigeria)	Higher Technical Officer II
I. Amuka, B.Sc. (Enugu), MBA (Nigeria), M.Sc. (Nigeria)	Assistant Research Fellow
J.C. Uchendu B.Sc. (Umudike)	Higher Technical Officer II
K.N. Okeke LLB (Nigeria), BL (Nigerian Law School)	Higher Technical Officer II
C.L. Onwuama, HND	Higher Technical Officer II
U.C. Okoronkwo, B.Sc. (Ebonyi)	Higher Technical Officer II
N.S. Oranebo B.Sc. (Uli)	Higher Technical Officer II
I.J. Emezue, HND, PGD (Imo), MBA (Enugu)	Higher Technical Officer II
C.R. Nwosu BA.Ed. (Edo)	Higher Technical Officer II
O.S. Nwobi, B.Eng. (Benin), M.Sc. (Ogun)	Assistant Research Fellow
I. Ekeneme B.Sc. (Nigeria)	Higher Technical Officer II
F.E. Achoru, B.Eng. (Imo), M.Sc. (Aberdeen)	Assistant Research Fellow
O.N. Ewelukwa, B.Sc. (Nigeria)	Senior Cleaner Messenger

### **Brief Information about the Institute**

Institute of Maritime Studies, University of Nigeria was approved by the Federal Government in **October 2014** to study Postgraduate Programmes in the Institute. The Institute runs only Postgraduate Programmes (PGD and MSC) in the underlisted specialty areas:

- PGD in Maritime Business Management
- MSC in Maritime Business Management
- PGD in Maritime Business and International Logistics
- MSC in Maritime Business and International Logistics
- PGD in Maritime Regulations Studies, Law and Policy
- MSC in Maritime Regulation Studies, Law and Policy
- PGD in Maritime Telecommunication
- MSC in Maritime Telecommunication

#### **Vision**

- To be the hallmark of maritime management education and research in Africa and beyond, producing world class maritime specialists
- To continually inculcate the advanced intellectual knowledge base of resort on maritime studies, business, logistics, regulations, law, policy, research and training.

#### **Mission**

- To provide excellent maritime education and training in Nigeria and beyond using state of the arts facilities through our highly skilled and passionate staff with rich industry experience and very strong academic credentials.
- To develop professionals with theoretical and practical competence capable of skilfully solving current and further challenges of managing the maritime industry

#### **Objectives of the Institute**

The Maritime industry is an aspect of the Nigerian economy that has been completely underutilize. The Institute of Maritime Studies (IMS) is a very important project that aims to build the capacity of the country to tap into the huge international maritime business. The country therefore looks upon the Institute of Maritime Studies to help her benefit from the immense resources in the international maritime business.

To this end, the objectives of the Institute of Maritime Studies in the University of Nigeria are to:

- i. Provide a centre of excellence for formal training on Maritime Studies at the postgraduate level;
- ii. Train and develop prospective academic researchers and specialists in Maritime Studies, equipping them in the process, with higher level of thinking and rare zeal for research and development in the maritime industry;
- iii. Produce manpower with capacity to manage various aspects of the maritime industry as they relate to the private and public sectors of the economy;
- iv. Expose students to the integrative and interdisciplinary nature of maritime business and international logistics, regulations, law, policy and their dynamics;
- v. Contribute in the production of manpower, who will not only assist in the creation of information and knowledge-based evidence in maritime business/logistics, regulations but also in research and research-training in the maritime industry.
- vi. Expose the graduate students to the classical and contemporary management theories and techniques needed in analyzing and proffering sustainable solutions to challenges in the maritime industry.
- vii. Provide an international medium for exchange and transfer of knowledge and an effective collaboration centre for learning in maritime studies;
- viii. Produce outstanding maritime management experts and practitioners in particular and global business managers in general.

#### **Scope of the Programmes in the Institute**

Programmes of the Institute emphasis Maritime studies which cut across different disciplines and human activities. As a result, the programmes adopt trans-disciplinary approaches and pedagogies. This calls for cooperation and collaboration of faculty from different knowledge areas/disciplines. The programmes cover knowledge, skills, values and attitudes developed from the Arts, Biological Sciences, Engineering, Environmental studies, Law, Management and Social Sciences. Under the Maritime studies, programmes are designed in such a way that students can pursue a PGD or M.Sc degree, as the case may be, in either:

- i. Navigation and Telecommunication Systems in Maritime Studies (Maritime

- Telecommunications); or ii. Maritime Business and International Logistics; or
- iii. Maritime Business Management, or
- iv. Maritime Regulation Studies, Law and Policy.

**Location**

The University of Nigeria's Institute for Maritime Studies is to be initially housed in the Ulasi Centre at the Enugu Campus of the University. The permanent site of the Institute, which is also located at the Enugu Campus of the University, will be developed opposite the Shell Centre for Environmental Management and Control (CEMAC) building.

**Institute of African Studies****Staff**

P.E. Nwabueze, B.A. (Nigeria), M.A (Michigan), Ph.D. (Iowa)	Professor/Director
M.U. Eke, B.A., PGDE, M.A. (Nigeria)	Deputy Registrar
T.N. Nwaezigwe, B.A., M.A., Ph.D(Nigeria)	Senior Research Fellow
J.T. Omenma, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Research Fellow
I.E. Iwundu, B.Ed., PGD, MPA, M.Sc., DPA(Nigeria)	Senior Research Fellow
M.A. Aniago, M.A. (UNIZIK), M.Ed., M.A (Ed), Ph.D. (Nigeria)	Senior Research Fellow
N.C. Ohia, B.Ed., M.Ed., Ph.D. (Nigeria)	Research Fellow I
S.N. Orajaka, B.Ed., M.A (Nigeria)	Research Fellow I
I.E. Ibenekwu, B.Sc. (Benin), M.Sc. (Nigeria)	Research Fellow I
G.O. Okagu, B.A., M.A. (Nigeria)	Research Fellow I
J.C. Ezeigbo, B.A., M.A. (Nigeria)	Research Fellow I
I.P. Ogbonne, B.Sc., MBA (Nigeria)	Research Fellow I
J.C. Nwaogaidu, B.Sc. (Rome), PGDE, B.Th. (Rome), M.A, Ph.D. (Muenster), Ph.D. (Eichstatt)	Research Fellow I
M.N. Onyejebu, B.A , M.A., Ph.D. (Nigeria)	Research Fellow II
C.I Okonkwo, B.Sc., M.Sc. (Nigeria)	Research Fellow II
H.K. Ogiri, B.Sc., M.Sc. (Nigeria)	Assistant Research Fellow
O.N. Amajo, B.A (Uturu)	Principal Ethnographer
J.E. Unaegbu, B.A (Nigeria)	Principal Cinematographer I
O.E. Awa, B.A (Nigeria)	Principal Ethnographer
A.E. Eze, B.Sc. (Nigeria)	Principal Executive Officer I
C.O. Chukwuemezie, B.A (Nigeria)	Principal Executive Officer II
C.P. Christian-Nwabuko, B.Sc. (Nigeria)	Senior Ethnographer
A.O. Ukeje, B.Ed. (Nigeria)	Senior Cultural Officer
O.E. Ekeke, B.A (Nigeria)	Higher Technical Officer II
U.L. Ogan, B.Sc. (Nigeria)	Assistant Curator
N.K. Idika, B.Sc. (Nigeria)	Higher Technical Officer II
B. A. Dibang, B.A (Calabar)	Higher Cultural Officer
A.K Odugu, B.Sc. (ESUT)	Higher Technical Officer II
C.G. Ajibo, LL.B(Nigeria)	Higher Technical Officer II
K.C Ugwuanyi, B.Ed. (Nigeria)	Higher Executive Officer
N.E. Agbo, B.Ed. (Nigeria)	Senior Museum Assistant
C.F. Onuigbo, B.Sc. (Nigeria)	Chief Technical Assistant
U.F. Obayi, B.Ed. (Jos)	Library Assistant Officer
B.C Omeje, FSLC	Head Cleaner Messenger I

The Institute of African Studies which was founded in 1963 combines research with teaching in order to deepen knowledge in African culture. It is administered by a Director, assisted by a Deputy Director and a Secretary. Also helping to guide the Institute's programme is an Advisory Board consisting of academic members of the University appointed by the Vice-Chancellor on the advice of the Director

The over-riding objective of the Institute is to further knowledge and understanding of African societies and culture with a view to contributing to the development process. The special research emphasis is on Nigerian cultures. With this broad objective the Institute provides opportunities for interdisciplinary research in a number of topical areas in the field of African studies. It aims specifically at:

- (i) A serious study of Nigerian societies and cultures with particular emphasis on the peoples of the south-eastern states.

- (ii) Providing research opportunities and experience to young Nigerian scholars and others.
- (iii) Providing an institutional base for visiting Africanists from other universities. Creating and sustaining an academic environment in which scholarly enterprises can flourish and interdisciplinary efforts promoted and regarded.
- (iv) Building up institutional resources such as a research library, museum, and art gallery etc., in support of the University's research and teaching functions.
- (v) Supporting a publications programme that gives visibility to the works of the Institute and also other activities sponsored by it.

### **Institute of Climate Change Studies, Energy and Environmental**

#### **Staff**

F.N. Okeke, B.Sc., M.Sc., M.Ed., Ph.D. (Nigeria)	Professor, Director
G.O. Unachukwu, B.Sc., M.Eng, Ph.D. (Nigeria)	Professor, Coordinator
N.O. Njoku-Achu, B.Sc.(Nigeria), PGDE (Kaduna), M.Sc.(Nigeria)	Programme Officer
N.K. Michael, B.Sc. (Nigeria)	Assistant Programme Officer

### **Institute of Education**

#### **Staff**

Q. J. Nwoji, B.Ed., M.Ed., Ph.D. (Nigeria)	Professor/Director
I. C. Ifelunni, B.Ed., M.Ed., Ph.D.	Professor
C. A. Onwuka, B.A (Rome), PGDE, M.Ed., Ph.D. (Nigeria)	Professor
J. U. Ibiam, B.Ed., M.Ed., Ph.D. (Nigeria)	Professor
N. G. Onyegegbu, B.Sc.(USA), PGDE, M.Ed., Ph.D.(Nigeria)	Professor
K. O. Usman, B.Tech.(Bauchi),M.Ed., Ph.D. (Nigeria)	Professor
U. N. Eze, B.A., M.Ed., Ph.D. (Nigeria)	Professor
E. U. Uzodinma, B.A, PGDE, M.Ed., Ph.D. (Nigeria)	Research Fellow I
E. N. Ebizie, B.Ed., M.Ed., Ph.D. (Nigeria)	Research Fellow II
I. Nji, B.Ed., M.Ed. (Nigeria)	Assistant Research Fellow
I. M. Anaenyeonu, B.Ed., M.Ed. (Nigeria)	Assistant Research Fellow
O. Ikuelogbon, B.Ed., M.Ed. (Nigeria)	Assistant Research Fellow
O. K. Chinyere, B.A, PGD, M.A (Nigeria)	Chief Executive Officer
A. K. Mba Nnenne, B.Sc. (Nigeria)	Higher Technical Officer
P. N. Ugama, B.Sc.(Nigeria)	Higher Technical Officer
O. Ahazuem, B.Sc. (Nigeria)	Higher Technical Officer
S. Imeri, B.Sc. (Nigeria)	Higher Technical Officer
M. Onyeka, B.Sc. (Nigeria)	Higher Technical Officer
V. P.O.Echetabu, B.A (Nigeria)	Higher Technical Officer
L. O. Onah, B.A (Nigeria)	Higher Technical Officer
P. Kalu, B.Ed.(Nigeria)	Higher Technical Officer
I. E. Nwoko, B.Sc. (Nigeria)	Higher Technical Officer
U. F. Ugwu, Dip. (Nigeria)	Assistant Executive Officer
N. H. Ani, Dip. (Nigeria)	Assistant Executive Officer
S. C. Njoku, Dip. (Nigeria)	Computer Operator I
N. P. Onukwo, OND (Nigeria)	Higher Technical Officer
O. C. Ewah, OND (Nigeria)	Technical Officer
L. N. Ezeasor, B.Ed. (Nigeria)	Secretary

The Institution of Education was established in 1964. It is designed to serve as a centre for educational consultation, liaison and for the professional development, which is very necessary in education as it is in other professions. The Institute serves as a link between the University and other educational agencies. Its functions fall into three main

- (i) *Research Functions:* The research activities of Education are directed towards identifying major educational problems and needs of the country and investigating ways and means of addressing such problems. To foster and enhance the research functions, the Institute of Education publishes two professional journals, the *Review of Education* and *International Journal for Research (INJER)* for the dissemination of research findings and educational developments. The Institute also publishes the proceedings of her annual conferences as well as supports the publication of high quality educational books.

(ii) *Teaching Functions:* Academic Staff of the Institute hold parallel appointments in specific departments where they carry out teaching functions while they carry out research and administrative functions within the Institute.

The Institute organises and runs an in-service sandwich programme in courses leading to the postgraduate Diploma in Education (PGDE) and Bachelor Degree (B.A., B.Sc., or B.Ed.) of the University of Nigeria for holders of ACE, NCE, University Diploma or equivalent qualifications. This collaboration is with the academic staff of the Faculty of Education.

(iii) *Public Service Functions:* The Institute of Education, apart from its teaching and research functions, also engages in some public functions which focus on: seminars, symposia, workshops and conferences.

#### **Institute of Maternal and Child Health**

C. C. Dim, MBBS (Nigeria), M.Sc. (London), M.Sc. (Nigeria),	Professor/Director
M. I. Ajah, B.Sc. (Imo), M.Sc. (Abakaliki)	Assistant Research Fellow
A.A. Ojinta, HND (FEDPOKO)	Principal Executive Officer I
V. O. Awolor, B.Sc. (Enugu)	Higher Technical Officer II

#### **Institute of Molecular Medicine and Infectious Diseases**

##### **Staff**

I.E. Okpala, MBBS, M.Sc., FRCpath., FWACP, MRCpath	Director
M. Iroezindu, MBBS, FWACP, FMCP, MPH	Associate Director
O.J. Udeoma, B.Sc (Enugu)	Principal Executive Officer I
I.S. Josiah, B.Sc. (Enugu)	Higher Technical Officer II

#### **Institute of Public Health**

##### **Staff**

B.S.C. Uzochukwu, BMBCH, FWACP, MPH	Director
C.N. Okafor, MBBS, MPH, M.Sc. (Nigeria)	Lecturer I
R.C. Ekpechi, B.Sc. (UK), M.Sc. (River)	Assistant Research Fellow
P.I. Ezugwu, Con. Sec. Course (Enugu)	Chief Confidential Secretary
V.O. Nvene, B.Sc. (Enugu), PGDE (NOUN), MPH (Awka)	Technologist I
E.C. Okoro, B.Sc. (Anambra), B.A. (Awka)	Higher Technical Officer II
O.T. Udeh, B.Sc., MBA (Nigeria)	Hall Supervisor

#### **Centre for Basic Space Science**

##### **Staff**

B.I. Okere, B.Sc., M.Sc., Ph.D. (Nigeria)	Acting Director/Chief Executive Officer
S.E. Ogobor, B.Sc. (Ekpoma), M.Sc. (Abuja)	Deputy Director Administration
A.I. Ajuh, B.Sc. (Zaria), MBA. (Calabar)	Deputy Director Finance & Account
K.C. Omaliko, B.Sc., M.Sc. (Nigeria)	Assistant Director
G.D. Obasuyi, HND. (Ilorin), PGD. (Enugu)	Chief Planning Officer
C.N. Ofodum, B.Sc. (Awka), M.Sc., Ph.D. (Nigeria)	Chief Scientific Officer
L.O. Daniyan, B.Eng. (Ado-Ekiti), M.Sc. (Nigeria)	Assistant Chief Engineer
A. Baba, HND, PGD MBA. (Enugu)	Principal Accountant
E. Omowa, B.Sc. (Ilorin), M.Sc. (Nigeria)	Principal Computer Analyst
C.A. Ukwueze-Osita, B.Sc. (Uturu), M.Sc. (Nigeria)	Principal Scientific Officer
C.G. Stephen, HND	Assistant Chief Exec. Officer
F.N. Okonkwo, B.Sc. (Owerri)	Assistant Chief Accountant
A.P. Omale, HND	Principal Executive Officer I
S. Opara, M.BBS. (Port Harcourt)	Principal Medical Officer
A.I. Obi, B.Sc. (Nigeria), M.Sc. Ph.D. (Trieste, Italy)	Principal Scientific Officer
A.U. Udodeme, LLB. MPA (Calabar)	Principal Legal Officer
N. Aliyu, B.Eng. (Yola), M.Sc. (Nigeria)	Principal Engineer
S. Esaenwi, B.Sc. (Port Harcourt), M.Sc. (Nigeria)	Principal Scientific Officer
A.S. Idris, B.Sc. (Jos)	Senior Scientific Officer
C.B. Wali, B.Sc. (Port Harcourt), PGD (Nigeria)	Senior Scientific Officer
V.O.N Anukwu, B.A. (Okigwe), PGD, MBA (Bauchi)	Senior Administrative Officer
M. Abhulimen, HND, PGD (Ekpoma)	Senior Engineer



N.E. Ezechi, B.Eng. (Awka), M.Sc. (Nigeria),	Senior Engineer
N.D. Onyeuwaoma, B.Sc., M.Sc., Ph.D. (Owerri)	Senior Scientific Officer
C.O. Ezechi, B.Sc., M.B.A. (Nigeria)	Senior Administrative Officer
E.J. Eze, B.Sc. (Enugu)	Senior Scientific Officer
C.E Mba. HND, LL.B. (Enugu)	Senior Legal Officer
E.C. Okonkwo, B.A. (Nigeria), M.A. (Enugu)	Senior Administrative Officer
C.A. Soronnadi, LL.B. (Uli)	Senior Legal Officer
N.S. Iriaka, B.Sc. (Awka), PGD. (Nigeria)	Statistician I
M.U. Ossai, B.Sc. (Owerri)	Senior Accountant
K. Onuigbo, B.Eng. (Awka)	Senior Engineer
J. Chapi, HND, PGD. (Markurdi)	Senior Engineer
P.O. Onubi, B.Sc., M.Sc. (Anyigba)	Senior Scientific Officer
C.C. Onuigbo, B.A. M.A. (Nigeria)	Senior Administrative Officer
G. Anukwu, B.Sc., PGD (Port Harcourt)	Senior Accountant
O. Ogobor, HND	Principal Executive Officer II
O.M. Shaibu, B.Sc.(Enugu)	Senior Administrative Officer
J.U. Bethel-Wali, B.Tech. (Port Harcourt)	Senior Engineer
J. Chukwunonyerem, B.Eng. (Okija), MSc. (Minna)	Senior Engineer
O.E. Eze, B.Eng. PGDE. (Enugu)	Senior Scientific Officer
O.O. Adeoti, B.Sc. (Ago-Iwoye), M.Sc. (Nigeria)	Senior Scientific Officer
D.N. Ezenwukwa, B.Sc. (Enugu)	Senior Scientific Officer
A.C. Oguiche, B.Sc. (Jos)	Scientific Officer I
C.E. Idoko, HND. (Enugu)	Senior Executive Officer
S. Falana, HND, PGDE (Kaduna)	Engineer I
E.C. Aguneche, B.Sc. (Enugu)	Administrative Officer I
S.C. Onyia, B.Sc. (Enugu)	Administrative Officer I
M. Oyibo, HND, PGD (Ife)	Scientific Officer I
O.A. Maji, B.Sc. (Nigeria)	Administrative Officer I
R.O. Ebhodaghe, B.Sc. (Benin)	Administrative Officer I
N.L. Ozioko, B.Sc. (Nigeria)	Librarian Officer I
O.J. Ohagwu, B.Sc. (Enugu), MBA (Nigeria)	Accountant I
J.C. Onyia, B.Ed. (Enugu)	Administrative Officer I
S. Shehu, HND, PGD (Ife)	Scientific Officer I
O.O Afamefuna, B.A. (Benin)	Administrative Officer I
C. Aguneche, HND	Senior Executive Officer
K.E. Chukwunyere, HND	Senior Technical Officer
J. Adejoh, HND, PGD (Makurdi)	Engineer Grade I
N. Onyia, B.Sc. (Enugu)	Administrative Officer I
P.C. Ezech, B.Sc., PGDE. (Enugu)	Administrative Officer I
F.A. Agozin, B.Sc. (Edo), LL.B.(Ekpoma)	Administrative Officer I
C.R. Okpara, B.Sc. (Owerri), M. Sc. (Port Harcourt)	Scientific Officer I
H.O. Okonkwo, B.Sc. (Nigeria)	Senior Scientific Officer
N.J. Obi, B.Eng. (Nigeria)	Engineer Grade I
N.J. Okeke, B.Eng. (Uli)	Engineer Grade I
I. Eze, B.Eng. (Nigeria)	Engineer I
C.N. Umeh, B.Eng. (Enugu)	Engineer Grade I
C.E. Omulu, B.Eng. (Enugu), PGD.(Nigeria)	Engineer Grade I
M.H. Ezenwugo, B.Sc. (Enugu)	Scientific Officer I
D. Nwagbara, B.Eng. (Owerri)	Engineer I
C.G. Enyiegbulam, B.Tech. (Owerri)	Scientific Officer I
O. L. Aidoghe, HND	Senior Technical Officer
J.E. Ehomhanyin, HND	Senior Executive Officer
O.S. Ezetulugo, B.Sc. (Uli)	Accountant I
I.E. Udeh, HND	Senior Executive Officer
J.U. Abonyi, B.Sc. (Zaria), PGDE (Sokoto)	Administrative Officer I
S. Agunwa, B.Sc. (Enugu)	Accountant I
A.I. Mohammed, HND	Senior Executive Officer
A. Abalaka, HND	Senior Executive Officer
I. Alih, HND	senior Executive Officer

V. Ezinwa, B.Eng. (Enugu)	Engineer I
H.I. Onuigbo, HND	Senior Executive Officer
E.U. Osuji, B.Tech. (Owerri)	Scientific Officer I
Y. Mohammed, B.Sc. (Anyigba)	Accountant II
I.O. Adem, HND	Higher Executive Officer
E. Saluka, BSc. (Malaysia)	Scientific Officer II
O.E. Nnah, B.Sc. (Uturu)	Scientific Officer II
L.U. Udeh, B.Sc. (Enugu)	Administrative Officer II
C.J. Okechukwu, B.Sc.(Enugu)	Administrative Officer II
E. Uzoigwe, B.Sc. (Enugu)	Media Officer
I. Umar, B.Sc. (Keffi)	Administrative Officer II
H.A. Abonyi, B.Sc. (Enugu)	Administrative Officer II
H.E. Ayogu, B.Eng. (Enugu)	Engineer Grade II
G.J. Ugwuowo, B.Sc. (Enugu)	Accountant II
O.K. Ossai, B.Eng. (Enugu)	Engineer II
U.M. Ossai, B.Sc.	Accountant I
E.C. Mba, HND, LLB	Legal Officer
C.A. Soronnadi, LLB	Legal Officer
N.L. Ozioko, B.Sc.	Librarian
O.J. Ohagwu, B.Sc.	Accountant I
M. Oyibo, HND, PGD	Scientific Officer
O.P. Onubi, B.Sc.	Scientific Officer
S. Shehu, HND, PGD	Scientific Officer
O.O. Adeoti, B.Sc.	Scientific Officer
D.N. Ezenwukwa, B.Sc.	Scientific Officer
O.O. Eze, B.Sc.	Scientific Officer
Y. Mohammed, B.Sc.	Scientific Officer
O.H. Okonwo, B.Sc.	Scientific Officer
T.F. Okpara, B.Sc., M.Sc.	Scientific Officer I
G.C. Enyiegbulam, B.Tech.	Scientific Officer II
O.L. Aidoghe, HND	Scientific Officer II
M.H. Ezenwugo, B.Sc.	Scientific Officer II
E. Saluka, B.Sc.	Scientific Officer II
E.O. Nnah, B.Sc.	Scientific Officer II
J. Chapi, HND	Engineer I
J. Adejoh, HND	Engineer I
Bethel-Wali, B.Tec.	Engineer I
J. Chunonyere, B.Eng. M.Sc.	Engineer I
N.C. Umeh, B.Eng.	Engineer II
I. Eze, B.Eng	Engineer II
C. Omalu, B.Eng., PGD	Engineer II
O.I. Adem, ND, HND	Engineer II
O.V. Ezinwa, B.Eng.	Engineer II
E.U. Osuji, B.Tech.	Engineer II
E.H. Ayogu, B.Eng.	Engineer II
O.K. Ossai, B.Eng.	Engineer II
J.N. Obi, B.Eng.	Engineer II
N. Okeke, B.Eng.	Engineer II
D. Nwagbara, B.Eng.	Engineer II
S.O. Ezetulugo, B.Sc.	Accountant II
A.C. Oguche, B.Sc.	Senior Scientific Officer
O. Ogobor, HND	Senior Executive Officer
E.C. Idoko, OND, HND	Senior Executive Officer
C. Aguneche, HND	Senior Executive Officer
I. Udeh, HND	Higher Executive Officer
A. Abalaka, HND	Higher Executive Officer

A. Isah, HND	Higher Executive Officer
J. Elomhanyin, HND	Higher Executive Officer
C.J. Onyia, B.Ed.	Administrative Officer
C. Onuigbo, B.A, M.Sc.	Administrative Officer
O.M. Shaibu, OND, B.Sc.	Administrative Officer
C.S. Onyia, B.Sc.	Administrative Officer
O.A. Maji, B.Sc.	Administrative Officer
R, Ebhodaga, B.Sc.	Administrative Officer
A. Onyia, B.Sc.	Administrative Officer
E.K. Chukwunyere, HND	Senior Technical Officer
F.N. Onyia, B.Sc.	Administrative Officer
P.C.Ezeh, B.Sc.; PGDE	Administrative Officer
D.F. Agozin, B.Sc.; LLB	Administrative Officer
J.U. Abonyi, B.Sc. PGDE	Administrative Officer II
L. Udeh, B.Sc.	Administrative Officer II
J.C. Eneh, B.Sc.	Administrative Officer II
H. Abonyi, B.Sc.	Administrative Officer II
U.S. Agunwa, B.Sc.	Accountant II
I. Mohammed, HND	Accountant II
G. Ugwuowo, B.Sc.	Accountant II
O.E. Uzoigwe, B.Sc.	Media Officer II

CBSS is one of the six activity centres of National Space Research and Development Agency (NASRDA), Abuja. It is charged with the responsibility of conducting fundamental research in Space Science (from Astronomy to Atmospheric Sciences), as well as coordinating such research activities in our Universities and Research Institutes.

It was established in 2001, with the temporary site in UNN; the centre has its fenced permanent site also in Nsukka.

The primary aim of the centre is to initiate and foster the growth of Basic Space Research in Nigeria in a highly coordinated manner in collaboration with NASRDA Centres, Network of International Partners in advanced countries, Nigerian Universities, Educational Institutions, Government Research Institutes and the Private sector such as NIMET, Nigerian Telecommunications, Radio and TV Broadcasting. CBSS is building a strong research unit capable of handling the numerous challenges of the centre with highly skilled M.Sc and Ph.D researchers.

**The mandate of the Centre includes:**

- (a) Conducting research to expand the frontiers of knowledge in Atmospheric Science and Astronomy.
- (b) The development of skills and knowledge of researchers.
- (c) Enhancement of international collaboration with other centres with similar interests, in well-defined projects, in such a way that Nigerian scientists and engineers must ab-initio be involved in the development process.
- (d) Promotion of the introduction of atmospheric sciences and astronomy into the curricular at all levels of our educational systems.
- (e) Design, fabrication and patent of space science and technology instruments and products, and appropriate hard and software.
- (f) Promotion of outreach and awareness programs capable of exciting young minds and disseminating to the general public the tremendous benefits derivable from space science and technology.
- (g) Encouragement of relevant activities in other to provide the much needed physics education required for a thorough understanding of studies and problems in other areas of space science applications.
- (h) To serve the distinct advisory and policy – making roles to government and non – governmental agencies.

**National Collaborators:**

- (i) University of Lagos (UNILAG)
- (ii) University of Nigeria (UNN)
- (iii) River state University of Science and Tech. Port Harcourt (RSUST)
- (iv) University of Jos (UNIJOS)
- (v) Federal University of Science & Tech, Minna (FUT Minna)
- (vi) Federal University of Science & Tech, Akure (FUTA)
- (vii) Centre for Transport & Propulsion (CTP), Epe, Lagos
- (viii) University of Agriculture, Markurdi (UNIAGRIC)
- (ix) Nigerian Meteorological Agency (NIMET)

**International collaborators**

- (i) National Observatory Japan (NAOJ)
- (ii) South African Astronomical Observatory, South Africa.
- (iii) University of Delaware, USA.
- (iv) University of Dublin (v)
- University of Ireland
- (vi) Harvard Smithsonian Centre, Cambridge, USA.
- (vii) HartRAO, South Africa.

**Facilities**

- (a) CBSS has acquired 2 optical telescope 25cm & 15cm in diameter, with CCD cameras. CBSS Engineers in consultation with other engineers have successfully constructed an electronically operated dome for the 25cm.
- (b) CBSS has successfully set up 'NECOP' network of 5 stations, in Abuja, Nsukka, Lagos, Markurdi & Port Harcourt. Installation of another set of 6 stations in different parts of the country has just commenced to expand the network to 11 stations. This will be used to monitor and study Nigeria real – time weather, climate and environmental threats.
- (c) CBSS is expecting a complete functional 3m radio telescope donated to us by GIFU University.
- (d) CBSS has a network of 3 stations for microwave research in Nigeria, located in Nsukka, Abakaliki & Akure.
- (e) CBSS has a network of 4 stations for solar research.
- (f) CBSS is embarking on the construction of 30m radio telescope by 2008.
- (g) CBSS has successfully floated a journal – Nigerian Journal of Space Research NJSR, which publishes twice yearly original research findings in all aspects of Space Science & Technology in Nigeria and World in general.
- (h) CBSS has a monthly publication called CBSS NEWSLETTER, which reveals current developments in and around the centre, and global discoveries in space science & technology.

**The importance of CBSS to Nigeria**

- (1) Fundamental research leading to new technologies & research findings for application of National Interest, with spin – offs capable of tremendous revenue generation with global recognition and independence.
- (2) Radio & Optical Astronomy Instrumentation involve extremely high technologies, and Engineers & Scientists engaged in such technologies will be excellent consultants in Nigeria industries. Astronomy Instrumentation & Development is therefore a technology driver.
- (3) Local designs for tapping solar energy & radiations, and variability research will result in new inventions of great economic value.
- (4) Fundamental research in microwave, which we are currently engaged in leads to accurate design of radio transmitters and receivers in Nigeria that will enhance radio communication.
- (5) Our Nigerian Environmental & Climatic Observing Program (NECOP) project will be able to give real time data on weather variability & predict possible hazards in regions vulnerable to extreme climatic events. It will also serve as well as warning system for agriculturist & farmers.
- (6) Efforts to produce our own sensors, receivers, transmitters' spectrographs, rockets, other transport gadgets, computer programs will lead to great revenue generation.

- (7) Our copious international collaborations with other countries, provides capacity building, understanding solidarity & cooperation between scientists worldwide.

### Centre for Distance and E-Learning

#### Staff

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O.C. Njoku,	Lecturer II
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A.C. Okorie, Dip.Th. (Ibadan), B.A. (Calabar), M.Ed. (Ibadan), D.D. (Hawaii),	Counsellor
E.M. Odukwe, B.A., M.Sc., Ph.D. (Nigeria)	Director (Centre Secretary)
E.C. Gaius, B.Sc. (Nigeria)	Deputy Director, ICT
C. Onwuboro-Nwadinobi. Dip.; Adv. Dip.; PGD, MPA (Nigeria)	CEO
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C. Ekwom, B.Sc. (Nigeria)	Higher Technical Officer II
I E. Agboeze, B.Ed. (Nigeria)	Executive Officer

### Centre for Entrepreneurship and Development Research (CEDR)

#### Staff

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N.P. Omeje, B.Sc. (Nigeria)	Principal Planning Officer
V.C. Ngoddy, B.Sc. (Nigeria)	Principal Social Welfare Officer
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E.N. Onwurah, HND. (Owerri), PGD. MBA. (Imo)	Chief Technical Instructor
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C.U. J. Ujam, B.Sc. (Enugu), M Sc. (Nigeria)	Principal Extension Specialist
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T. N. Umeneri, B.A. (Nigeria)	Higher Technical Officer II
N. George, HND. (Enugu)	Higher Technical Officer II

### History and Background Introduction

The new Federal Government policy on economic reform has its thrust on poverty alleviation and self-employment. The facts on ground show that the population is increasing; unemployment is increasing, job opportunities are getting leaner and leaner. The implication of this is the unwholesome and restiveness of youths. The need, therefore, arose to create job opportunities for our graduates and other school leavers through skills acquisition for the development and management of new Small and Medium-Scale Enterprises.

In line with this, the University of Nigeria, Nsukka, the first autonomous University in Nigeria, came-up with the idea of establishing Entrepreneurial Studies Centres at the Nsukka and Enugu Campuses of the University.

### University of Nigeria Entrepreneurial Studies Centre

This is a non-profit organization that offers educational programme on entrepreneurship development for professionals and artisans in varied disciplines to gain knowledge and skills in managing Small and Medium Scale Enterprise.

### Vision

To become the foremost entrepreneurial University in Africa

### Mission

To promote entrepreneurial culture, self-employment, economic independence and self-actualization

### Goal

The programmes aim at creating opportunities among prospective investors, students, graduates, artisans and retirees to acquire and be equipped with entrepreneurial abilities necessary for self employment.

### Objectives

- To create entrepreneurial culture in the students
- To develop modern management skills, techniques and capacities that will ensure effective entrepreneurship
- To develop numerical, analytical and information communication technology (ICT) skills that will facilitate solving business problems
- To catalyze and enhance a viable and long term growth of small and medium-scale enterprises in Nigeria
- To establish skill acquisition centres for:
- Publishing and Printing

- Computer Training, Communication
- Electronics, Automation, Filming and Acting
- Manufacturing, Agriculture
- Science and Technology, E-Learning
- Hydraulics, Carpentry
- Bricklaying, Auto-Mechanics
- Electrical Wiring, Home Economics - Fitting, Plumbing, Home Economics - Beauty Care and Cosmetics, etc.

“Immediate strategic steps are being taken to create a truly unique Entrepreneurial Studies Centre to serve the diverse needs of the Institution in this emerging and critical disciplinary domain”.

“Conceived both to portray as well as symbolize the University’s new entrepreneurial stance, the Centre shall amalgamate significant facilities of Centre for Rural Development and Cooperatives (CRDC) at Nsukka with those of the Ulasi Business Research Centre (UBRC) at University of Nigeria Enugu Campus (UNEC) into a modernized multipurpose complex that will address contrasting challenges of large commercial enterprises and those of agribusiness and rural-based Small-Medium Entrepreneurs (SMEs)”.

“With its Headquarters at Nsukka, the Entrepreneurial Studies Centre shall have five functional units, namely”.

- i. Unit for R & D on Entrepreneurship
- ii. A unit for Microfinance Delivery and Management
- iii. A unit for Agribusiness and Cooperative Studies
- iv. A unit for intensive training on ICT – service provision which shall incorporate the Computer Centre at Nsukka
- v. A unit for SMEs Development and Management
- vi. A centre for training workshops and seminars on entrepreneurial studies.

“The centre shall be developed as an entrepreneurial teaching and R & D Company managed by an Independent Business Board. It shall engage in a spectrum of interlocking business development services to include but not limited to the following”.

#### **Centre for Global Health Initiative**

##### ***Staff***

R.E. Umeh, MBBS, FMCOPhth, M.Sc, FWACS, FICS	Director
M.N. Aghaji, MBBS (Nigeria), FWACP	Member
T. Oguonu, MBBS, FWACPaed.	Member
C.L Onyekonwu, MB BS (Nigeria), FMCP, MPH (Liverpool)	Member
H.N. Ota	Administrative Officer

The Global Health Initiative office (GHI) is an institutionalized organ of the College of Medicine of University of Nigeria, Nsukka established on the approval of the University Senate, in September, 2012. Its main function is to establish, promote and facilitate collaborative activities with reputable institutions, foundations, agencies, and other potential partners within and outside Nigeria and offer services to international students, scholars in graduate and professional schools who may wish to visit UNN on exchange programmes.

However, the GHI has the status of any other institute in the University and is headed by a Director (who has the same status as any other director of institutes in the university). As at now there are three key members of the GHI appointed by the Vice-Chancellor. These three staff members as well as the Director are renowned researchers and consultants in healthcare who are also staff of the UNTH. The office has one Administrative Officer who doubles, presently, as an administrative officer as well as office staff. It is expected that the staffing and organisational structure of the GHI would improve



tremendously soon enough as it engages robustly with its goals as well as responds to cogent needs that led to its establishment by the university.

### **Centre for Igbo Studies**

#### **Staff**

G.I. Nwaozuzu, B.A., M.A. Ph.D.	Professor/Director
B.Ed., M.Ed., Ph.D.	Research Fellow II
B.I. Ebubuchineke, B.Ed., M.Ed.	Research Fellow II
C.D. Onyegiri, B.Ed., PGDL, M.Ed.	Asst. Research Fellow
B.O. Dioka, B.A., M.A.	Asst. Research Fellow
S.C. Ogbonna, B.A.	Principal Cinematographer
M.O. Okonta, B.A.	Senior Curator
A.O. Odezulu, Dip.	Chief Cleaner/Messenger
J.I. Aroh	Chief Technical Assistant

#### **Brief History**

The Center for Igbo Studies was established on January 6<sup>th</sup>, 2014 as a melting pot for all researches, studies and investigations, into various aspects of Igbo life, literature, language, culture etc.

#### **Philosophy**

The philosophy centres around correcting the tendency for the Igbo to over embrace and promote foreign ideas, philosophies, language and culture at the expense of their local language and culture. The Igbo language is gradually declining due to cultural neglect and abandonment for unexplained reasons. Many are of the opinion that only focused and aggressive radical intervention can save the Igbo language and culture from extinction. The University of Nigeria in establishing the Centre for Igbo Studies focuses on the national policy on indigenous Nigerian languages and the dreams of Igbo sons and daughters to put the Igbo language and culture in their rightful place within the context of the three major languages and ethnic groups in Nigeria. The Centre also tries to salvage the fast disappearing Igbo Ethnography, literature etc. This is without prejudice to the existence of the Institute of African Studies of the university.

#### **Aims and objectives**

The Centre aims at establishing strong basis for research and studies on the Igbo, their language, politics, religion, education, philosophy, architecture, agriculture, business, arts, music, craft, literature, and traditional technology among others, in collaboration with relevant faculties in the University of Nigeria. It also aims at preserving and disseminating Igbo world view and ways of life. One of the Centre's major assignments is to travel round Igbo land and beyond to collect historical materials, records, fast-fading traditional music, dances, traditional poems/lyrics, Igbo festivals, artifacts, folktales, myths/legends, masquerades, traditional institutions among other things and making these available in the University of Nigeria to future generation of researchers and students. The Centre is primarily established to put in place necessary instruments (both human and material) for acquiring practical knowledge of the Igbo language, literature, culture etc. within Nigeria and beyond. This will help in the preservation and perpetuation of the Igbo identity. The establishment of the Centre therefore is a veritable tool to actualize one of the goals of the founding fathers which is to have a place where information about the Igbo race could be readily obtained.

#### **Vision and Mission**

The vision and mission of the Centre include:

- to provide for the generality of Igbo, non-Igbo and researchers an authentic and available information on the Igbo language, Politics, Religion, Education, Philosophy, Architecture, Agriculture, Business, Arts, Music, Crafts, Literature, among others in collaboration with the appropriate Faculties.
- It is expected that the Centre will be used as a rallying point for meeting the requirements of the Igbo and non-Igbo as well as the Igbo in the diaspora who may want to learn, speak and write the Igbo language.

- To avail the general public, especially researchers, the opportunity to know, understand and appreciate the Igbo language, Igbo culture, literature and other aspects of Igbo life.
- To expose researchers, especially research students to the rudiments of the Igbo language for creative writing.
- To provide an enabling environment for showcasing, in practical terms, Igbo lifestyle, and Igbo world view in general.

### **Programmes**

In other to justify the reasons for its establishment, some programmes have been put in place, aimed at realizing its objectives.

#### **1. Tutorials**

Teaching staff hold tutorials for postgraduate students researching in aspects of Igbo language and culture.

#### **2. Acculturation Programme**

The Centre offers instructions to students on acculturation programme (Colleges of Education and other similar institutions of higher learning).

#### **3. Research**

The Centre initiates and carries out research on Igbo people, their language and their lives.

#### **4. Training for Literary Creativity**

The Centre trains students on creative writing in Igbo.

#### **5. Collection of Ethnographic Materials/Literatures**

The Centre's culture room houses Igbo artifacts and cultural materials collected in the field and makes such materials and literatures available to those who need them for research purposes or other needs.

#### **6. Online Igbo**

The Centre has an online Igbo programme for disseminating/teaching the Igbo language and culture.

#### **7. Conversational Igbo**

This is designed for native speakers (who are not versed in the Igbo language) within Nigeria and in the diaspora as well as interested non Igbo whom may wish to learn to speak and write the Igbo language. The programme involves learning how to speak Igbo language from the simple to the complex linguistic structures.

#### **8. Translation**

The Center offers translation services in which works in various languages can be translated to undiluted Igbo and vice-versa.

#### **9. Outdoor Services/Programme**

This involves providing services at such occasions as traditional marriage ceremonies, Coronations/Title taking Festivals, e.g. Ofala, carnivals, cultural days/weeks, entertaining audience with traditional Igbo music and dances, cooking of Igbo dishes for any of the above ceremonies, where traditional Igbo Cuisine is required. Providing traditional materials for decoration and souvenirs such as carved drums, kolanut bowls (okwa oji), horse tails, fans, traditional flower pots for offices, hotels etc.

#### **10. Igbo Skill Acquisition**

- Bead making of all kinds
- Weaving of Akwete Materials
- Weaving of mat for traditional weddings, hats (for farmers and for traditional festivals).
- Basket making, for social use during occasions such as traditional marriages, uli and graffiti decoration for traditional restaurants, as well as baskets for agricultural purposes.

Based on the outlined programmes, the Centre intends to liaise with the following departments for full actualization of its objectives: Departments of Igbo, Linguistics and other Nigerian Languages, Fine arts, Music, Theatre and Film Studies, Anthropology, Political Science, Sociology, Religion, Food Science and Technology etc. Students seeking for help in any aspect of Igbo life are encouraged to contact the Centre for proper guide on whom and where to get such help from.

### **Centre for Rural Development and Cooperatives**

#### *Staff*

C.J. Arene, B.Agric., M.Sc., Ph.D. (Nigeria)

Director

The Centre for Rural Development and Co-operatives, which was established in 1978, was upgraded to a research institute status in 1995. As a Service centre contributing to solving problems of rural agriculture and co-operatives, it conducts and supports research to improve living standards of rural people, offers courses and training to improve farming practice, credit administration, irrigation and management of rural co-operative through workshops and conferences.

Thus, the centre tries to train trainers and pace-setters who will eventually serve as social engineers and catalysts at the local and grassroots level in order to make self-sufficiency in food and fibre needs of the country an achievable objective.

### **Centre for Technical Vocational Education, Training and Research (CETVETAR)**

#### **Staff**

E.C. Osinem, B.Sc., Ph.D. (Nigeria)	Director
E.U. Nwankwo, B.A., M.Sc. (Nigeria), Ph.D.	Assistant Registrar
J.N. Onah, Diploma ADE (Nigeria)	Chief Typist

The Centre was established in 2010 as a center of Excellence in Technical and Vocational Education, Training and Research domiciled in the present Faculty of Vocational and Technical Education and Department of Fine and Applied Arts of the University of Nigeria. It is a World Bank assisted center of excellence in Technical and Vocational Education and Training (TVET) and also a UNESCO-UNEVOC (International Center for Technical and Vocational Education and Training) center in Nigeria. It has also benefited from Tertiary Education Trust Fund (TETFund) and the African Development Bank (AfDB) TVET facility improvement Scheme in Nigeria. We are in full time business of advancing the course of TVET in Nigeria as well as Africa.

**Vision:** Restore human dignity through skills empowerment and positioning Technical Vocational Education and Training (TVET) in Africa for sustainable development in a globalized world.

**Mission:** Provide world class TVET leadership in Africa by Research and Development (R&D) into knowledge sharing, innovation/best practices, systems development quality assurance, networking, lifelong training and human capital re-engineering.

**Objectives:** CETVETAR objectives are to:

- Conduct training/retraining programmes in different areas of TVET for youths, retirees, women, and disadvantaged group for skill empowerment and poverty reduction.
- Provide consultancy service to local, national and international, non-formal and formal TVET.
- Carry-out advocacy/sensitization programmes on different issue and provide policy direction on lifelong TVET.
- Develop customized and individualized programmes for small/medium scale enterprises for optimal performance, quality assurance and global focus.
- Network and disseminate information on TVET to policy makers, teacher educators, academics, private and public sectors practitioners.
- Collaborate with other agencies, centers and organization with similar objectives on human capital development, entrepreneurship, poverty reduction and skills empowerment.
- Conduct and disseminate research information on TVET practices/systems.

### **Computing Centre**

#### **Staff**

O.D. Ikwaagwu, CSCA, DSCA, B.Sc. (Nigeria)	Chief Programmer/Chief System Analyst
O.S.I. Kanu, DSCA (Nigeria)	Operations Manager
B.N. Attah, B.Sc. (Nigeria)	Snr. Technical Instructor

Computing Centre was established in University of Nigeria, Nsukka in the year 1974 with the purpose of providing essential computing services to the university. Some of these computing services are:

1. Trainings in computing packages to the students (undergraduates and Postgraduates) and staff; examples of the computing packages are computer appreciation, modeling and demonstration of techniques, Auto CAD, IT packages, etc. that are highly needed for survival in today's ICT world
2. Computing services to research programmes in the university
3. Obtaining and maintaining computing and data processing equipment
4. Employing and training adequate staff for both operation and programme preparation
5. Directing the design and implementation of data processing systems and projects for the university
6. Providing consultancy services to the university users and outside agencies

The Centre was using IBM 360 and 3714 mainframe computers, key punch machines, verifiers Tapes, etc. to carry out the computing work. But today laptops and desktops have replaced these obsolete machines. The Centre is run by ICT Director. Policy decisions are made by management board which is under the Vice Chancellor's Office.

### **Curriculum Development & Instructional Materials Centre (CUDIMAC)**

#### **Staff**

J.U. Ibiam, B.A. Ed., M.A., Ed., Ph.D. (Nigeria)	Professor
F.E. Akubailo, B.Sc. (Germany), MBA, Ph.D. (USA)	Lecturer I
G.T. Onwuka, B.A. Ed., M.A., M.Ed., Ph.D. (Nigeria)	Lecturer I
J.J. Agah, B.Sc. Ed. (Calabar), M.Sc. Ed., Ph.D. (Nigeria)	Lecturer I
O.E. Okon, NCE, B.A. Ed., M.A. Ed. (Ilorin), Ph.D. (Ekiti)	Lecturer I
E.U. Okorie, NCE, B.Sc., M.Ed. (Lagos), Ph.D. (Nigeria)	Lecturer I
A.C. Uloh-Bethels, B.A. Ed., M.A. Ed., Ph.D. (Nigeria)	Lecturer I
E.C. Nwangwu, NCE, B.Sc. Ed., M.Ed. (Nigeria)	Lecturer I
F.U. Ude, B.A. Ed., M.Ed., M.A., Ph.D. (Nigeria)	Lecturer I

#### **Brief History**

The Carnegie Corporation of New York founded CUDIMAC through a grant for an initial period of three years. It was formally established in June 1972 to be a service centre for the Faculty of Education and through this Faculty to serve other faculties in the University.

Originally, CUDIMAC was founded to provide service to education in Nigeria generally and in the South-East and South-South Zones particularly, by joining forces with all concerned to tackle the need to assist in the task of making education more relevant, realistic and functional.

CUDIMAC was in the 70's, 80's and 90's known for its contribution in the development of school curriculum at the primary and secondary school level by way of actually drawing up the syllabus for these levels in the South-East and South-West Zones of Nigeria. The Centre was also the only recognized body that handled workshops for teachers at these levels of education in these zones too. Unfortunately from the late 90's, The Nigerian Educational Research and Development Centre (NERDC) had come into the forefront of curriculum development in Nigeria. Again, many other bodies in the different states were entrusted with the job of handling workshops for teachers. A new profile for CUDIMAC was put together by the then Director, Prof. Elsie Chizua Umeano and defended in November 2008. Thus, the then administration gave CUDIMAC a new mandate to drive e-learning in the University. All faculties and units were mandated to nominate at least three competent members of staff from their faculty to be in the e-learning team though more staff of the Faculty of Education joined the team since CUDIMAC is housed in the Faculty of Education. Seven members of staff of the Library were in the team too. It was a 76-people team. The UNN e-learning was officially launched on Wednesday, November 26, 2008. The Vice-Chancellor and the Deputy Vice-Chancellor (Academic) were there at the flag off.

New members of staff were employed in CUDIMAC to be able to face the task; and with their help, the new CUDIMAC vision and mission statements were put together in line with the University's new vision and mission statements.

**Current Vision:** To be a functional, competitive and research-based Education Centre in Nigeria that will serve as an educational consulting clinic empowered towards the development of curriculum and instructional materials and training in the use thereof.

**Current Mission Statement:** To place CUDIMAC in the forefront of evidence-based innovations in the development of curriculum and instructional materials and the introduction of new methodologies in

pedagogy that will be genuinely useful in Nigerian institutions of learning, while meeting the global standards yet promoting the core values of the University which will ensure the restoration of the dignity of man.

### **CUDIMAC Targets**

- To develop prototypes of different three dimensional instructional materials and packages for difficult subject areas such as English, Mathematics, Primary Science, Life skills, and Chemistry.
- To partner with private outfits that will mass-produce these teaching/learning materials.
- To develop e-instructional media (CDs, Audio tapes, and DVDs), which will target difficult concepts in difficult subject areas.
- In view of the fact that the logic model (one of those on which CUDIMAC bases its activities) presupposes that the steps should be taken as think, plan, execute and assess. CUDIMAC intends to go to assessment to find out to what extent these instructional materials have been of help to the teaching-learning process.
- To train and equip in-service teachers with the right skills/methods and tools/ materials through workshops bearing in mind the world-class standards.
- To establish a micro-teaching laboratory with state-of-the-art multi-media educational equipment for the training of student-teachers and re-training of Nigerian teachers at all levels of education.
- To avail student teachers and in-service teachers at all levels of education of the opportunity of trying out new skills and modern educational technologies in teaching.
- To organize conferences/seminars with a view to creating awareness in the areas of emerging innovations in curriculum as well as teaching methods/strategies.

### **National Centre for Energy Research and Development**

#### *Staff*

P.E. Ugwuoke, B.Sc. M.Sc, Ph.D. (Nigeria)	Director
I.O. Imuoh, B.Sc. MBA. (Nigeria)	Deputy Director (Accounts)
P.U. Nwafor, B.Sc. MBA. (Nigeria)	Chief Internal Auditor
S.N. Agbo, B.Sc. (Nigeria), M.Sc. Ph.D. (Delft)	Chief Research Officer
I.F. Okafor, B.Eng. M.Eng. (Nigeria), Ph.D. (Pretoria)	Chief Research Officer
H.A. Umeakuka, B.Ed. M.Ed. (Nigeria)	Assistant Chief Admin Officer
O.G. Enibe, B.Ed. MPA. (Nigeria)	Assistant Chief Stores Officer
G.E. Ezech, BA. (Nigeria)	Senior Special Assistant
P.O. Eze. B.Sc. (Nigeria)	Principal Executive Officer I
M. Nnaji, B.Sc. M.Sc. (Nigeria)	Principal Research Officer
O.O. Nwoke, B.Eng. M.Eng. (Nigeria)	Principal Research Officer
A.O. Onah, HND. (Nigeria)	Principal Tech Officer
N.M. Igwebuike, B.Sc. M.Sc. (Nigeria)	Principal Research Officer
G.K. Uka, BA. MA. (Nigeria)	Principal Admin Officer
M.C. Onyia, HND. (Nigeria)	Principal Executive Officer I
G.U. Akubue, B.Eng. (Owerri), M.Eng. (Nigeria)	Principal Research Officer
C.G. Ezema, B.Sc. M.Sc. Ph.D. (Nigeria)	Principal Research Officer
C.E. Nnaji, B.Sc. M.Sc. (Nigeria)	Principal Research Officer
A.C. Ofomatah, M.Sc. Ph.D. (Nigeria)	Principal Research Officer
C.O. Igweh, B.Eng. M.Tech. (Nigeria)	Principal Research Officer
R. O. Njoku, HND. (Nigeria)	Senior Lab. Technologist
O.U. Ugwu, B.Sc. (Nigeria)	System Programme Analyst II
O.D. Osondu, B.Sc. (Port Harcourt)	Senior Exe Officer I
S.U. Offiah, B.Sc. M.Sc. (Nigeria)	Senior Research Officer II
K.E. Agbo, B.Sc. (Benin), M.Sc. (Nigeria)	Senior Research Officer II
E.K. Ugwu, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Research Officer II
U. Ogwo, B.Sc. M.Sc. Ph.D. (Nigeria)	Senior Librarian
K.O. Ogbonna, HND. B.Sc. (Enugu)	Senior Accountant II
S.O. Abangwu, B.LL (Nigeria)	Senior Admin Officer II (Legal)
I.P. Owoh, B.Eng. M.Eng. (Nigeria)	Senior Engineer II
C.G. Asogwa, B.Ed. M.Ed. (Nigeria)	Senior Executive Officer II

F.A. Nebo, B.Sc. (Enugu)	Senior Exe Officer
C.C. Uzoma, B.Sc. M.Sc. (Nigeria)	Research Officer I
S. Akor, HND. PGD. (Nigeria)	Higher Technical Officer
C.I. Ezugwu, B.Sc. (Nigeria)	Senior Research Officer I
E.U. Eze, B.Sc. (Enugu)	Accountant II
N.K. Nnate, B.Ed. (Nigeria)	Assistant Data Processing Officer
B.N. Onah, B.Ed. M.Ed. (Nigeria)	Executive Officer
C.S. Ugwuoke, B.Sc. (Nigeria)	Chief Tech. Assistant
M.C. Onwujiariri, HND. (Enugu)	Chief zoo Keeper (Poultry)
M.O. Akachukwu, B.Sc. (Enugu)	Data Analyst I

### **Historical Background**

The National Centre for Energy research and Development, University of Nigeria, Nsukka started full operation officially in 1982 following the promulgation of an act by the National Assembly in 1980 for the establishment of four Energy Research Centres at Nsukka, Sokoto, Zaria and Ife. The Centres at Nsukka and Sokoto were given the mandate to carry out research and development in renewable energy (Solar, wind, Small hydropower, Biomass, geothermal etc) and alternative energy technologies such as Fossil (oil, natural gas and coal), hydrogen (fuel cell) while those at Zaria and Ife were to focus on nuclear energy technologies. The Federal Government later established Energy Commission of Nigeria through decrees number 12 of 1988 and number 19 of 1989 as amended and charged it with the legal mandate of supervising the four Centres. The philosophy behind the establishment of the Centres was to fast-track the development of energy science and technology landscape for the efficient harnessing of the various energy sources available in the Nigerian Nation. These include Fossil, nuclear, solar and other renewable and non-renewable energy sources.

Over the years and through the provision of seed funding by the Energy Commission of Nigeria, the National Centre for Energy Research and Development, University of Nigeria, Nsukka has made progressive contributions in the fulfillment of its mandate which covers research, development, dissemination, commercialization and manpower training in renewable and non-renewable energy technologies such as Solar, Biomass, Biofuels, Wind, Hydro, Geothermal, Fossil fuels and Energy management and Environment.

In terms of administrative arrangement, the Centre is managed by a Director who is responsible for the day to day running of the Centre and a Governing Board which reports to the Energy Commission of Nigeria. The Centre receives funding from the Federal Government through the Energy Commission of Nigeria for its research, development and manpower training programmes and staff salaries.

For over ten years, the Centre has witnessed visible expansion in infrastructural development:- buildings, acquisition and installation of state-of-the-art research equipment and books and manpower training. Productivity in terms of technical publications of research output has significantly increased, thereby contributing prominently to the global visibility of the University of Nigeria.

### **Vision Statement**

The Centre's vision is to fulfill its mandate to such a level where renewable and other energy technologies will diffuse into the national economy and make a significant contribution to the energy mix of the country as well as attain the status of a Centre of Excellence in performance of its research and development activities.

### **Mission Statement**

The mission is addressing emerging socio-economic challenges of national development in energy supply through basic research, development, dissemination and training in renewable and alternative energy technologies, energy management and environment.

### **National Centre for Equipment Maintenance and Development (NCEMD)**

#### **Staff**

J.C. Agunwamba, B.Eng., M.Eng., Ph.D. (Nigeria)	Professor/Director
S.E.O Onah, Dip. (Nigeria), B.Sc. (Enugu)	Chief Confidential Secretary
J.O Nnadi, OND, HND	Chief Technologist
D.U. Onah, OND, HND, PGD (Benue)	Chief Technologist
S.Y. Ikpah, B.Sc. (Enugu)	Engineer I

C. A Nwauguru, Diploma, B.Sc. (Nigeria)	Higher Lab Supervisor
B. I. Nnamani , Diploma, B.Ed., M.Ed. (Nigeria)	Assistant Executive Officer
V.O.Ngwoke, Dip. (Nigeria)	Senior Clerical Officer
S. O. Okechukwu , HND	Higher Technical Officer 11
G.C. Ekwensi, B.Tech. (Owerri)	Higher Technical Officer 11
P.U. Agbo, B.Sc.(Nigeria)	Higher Technical Officer 11
D.C. Odo, B.Sc. (Nigeria)	Higher Technical Officer 11
A.E. Ezugwu, B.Sc. (Enugu)	Higher Technical Officer 11
I.R. Onwuka, B.Eng. (Nigeria)	Higher Technical Officer 11
B.O. Okoye, B.Sc. (Republic of Benin)	Higher Technical Officer 11

### The Centre

For some years the scientific equipment used for the teaching and research in most Nigerian Universities have deteriorated below acceptable levels. Part of the cause of the deterioration has been lack of maintenance culture in those institutions. Some of the equipment were not suited to function maximally under the existing climatic and technological environments which obtain in Nigeria. Most Universities, even if they have the skilled technical staff, are unable to maintain their equipment because they lack spare parts for repairs and maintenance and fund to purchase such parts. This situation is disastrous to the functioning of the University system since it adversely affects not only research but also the teaching capability of Nigerian Universities. It affects also the motivation of the average academic and technical staff. This therefore called for urgent measures to redress the situation. This includes the development of a maintenance culture and creation of suitable conditions that would enable Nigerian Universities rehabilitate the existing teaching and research equipment.

In view of the foregoing, in 1988, the Administration of the University of Nigeria initiated preliminary discussions with a representative of the Katholieke Universitet, Leuven, Belgium on the subject of a linkage programme which would enable the University of Nigeria develop and strengthen equipment maintenance culture. The discussion resulted in a linkage agreement which was concluded between the two institutions and signed at Leuven, Belgium by the Rector of KU-Leuven and ViceChancellor of the University of Nigeria on May 8, 1989.

The aim of the linkage was to develop a maintenance culture at the University of Nigeria in order to strengthen its teaching capability and to restore conditions for research to an acceptable level and standard. The linkage was financed by the European Development Fund (EDF) under LOME III Convention. The National Universities Commission (NUC) provided fund for the renovation of the South wing of the Carver Building at the Nsukka Campus of the University of Nigeria, Nsukka to house the resulting Service and Training Centre (STC). The Centre is now known as the National Centre for Equipment Maintenance and Development (NCEMD) as renamed it by the NUC.

The mandate of the Centre includes the following:

- ✓ Develop a maintenance culture at UNN in order to strengthen its teaching capability and restore conditions for research to an acceptable level and standard.
- ✓ Plan and develop a system of training for technical staff of UNN and other higher institutions especially in the following areas:
  - a) preventive maintenance
  - b) good laboratory practice
  - c) skilful use of scientific equipment
  - d) general fault location
  - e) practical repair skills
- ✓ Assist Departments in the selection and installation of instruments and other scientific equipment.
- ✓ Develop and maintain a system of identification, specification, ordering, installation and commissioning of equipment and procurement/stocking of spare parts in the University.
- ✓ Conduct laboratory analysis for students and staff
- ✓ Develop initiative and procedure that would lead to the improvement of teaching and research activities through monitoring, better use and serviceability of equipment in the University. Recalibration of equipment as the need arises.

- ✓ Co-ordinate skills of Faculty and Departmental technologists and technicians in the repair and maintenance of equipment on a University-wide basis. Improve staff capacity to develop new scientific instruments and equipment.
- ✓ Act as a resource Centre for technical literature on various equipment. Thus it shall
  - a) hold all equipment documentation such as manuals, performance character, technical books etc.
  - b) Component data books
  - c) List of equipment and their operational status.

In line with the new name, the Centre is now involved in developmental projects. For instance, the Centre has embarked on renovative design and production of some equipment for possible commercialization. It has also embarked on training workshops relating to general design and development of equipment.

### **UNN/Shell Centre for Environmental Management and Control (CEMAC)**

#### **Staff**

C.N. Madu, BSIE., MBA/MSIE., MBA., MPhil., Ph.D. (USA)	Professor/Director
I.E. Ofioezie, B.Sc., M.Sc., Ph.D. (Nigeria)	Visiting Professor
I.E. Madu, BSIE., M.Sc., Ph.D. (USA)	Visiting Professor
G. Mbamalu, B.Sc., M.Sc., MDP, (Harvard), Ph.D. (North-Texas)	Visiting Professor
H.I. Eze, HND., PGD., M.Sc., Ph.D. (Nigeria)	Senior Lecturer/ Senior Research Fellow
E.B. Ogbuene, B.Sc., M.Sc., Ph.D. (Nigeria)	Senior Research Fellow
U. Ugochukwu, B.Sc., M.Sc. (Nigeria), Ph.D. (London)	Lecturer I
C.N. Eze, B.Sc., (Awka), M.Sc. (Nigeria)	Lecturer I/Research Fellow I
U.M. Agusiegbe, B.Sc., M.Sc. & DIC, MPhil. (London)	Lecturer I/Research Fellow
L.U. Odinkonigbo, B.Eng., M.ES. (Canada)	Lecturer I/Research Fellow I
C.C. Agu, B.Eng., M.ES. (Nigeria)	Lecturer II/Research Fellow II
I.C. Ezeasor, B.Sc., (Enugu), M.Sc., PGD, MBA. (Nigeria)	Lecturer II/Research Fellow II
D.N. Agbai, B.Agric. M.Sc, Ph.D. (UK)	Lecturer II/Research Fellow II
N.A. Nebo, B.Sc., M.Ph. (Sheffield)	Lecturer II/Research Fellow II
V.E. Nnadi, B.Sc., M.Sc., PGDE. (Nigeria)	Assistant Lecturer
J.C. Kurumeh, B.Sc., M.Sc. (Nigeria)	Assistant Research Fellow
G.N. Nnoli, B.Sc., (Awka), M.Sc. (Benin)	Assistant Research Fellow
K.N. Okorochoa, B.Sc., (Ebonyi), M.Sc. (UK)	Assistant Research Fellow
F.A. Omeje, HND. (Nigeria)	Chief Confidential Secretary
I.B. Owoh-Agballah, LL.B., B.L., M.Sc., (Nigeria), MPA. (Enugu)	Assistant Registrar
C.C. Eze, B.Ed., M.Ed. (Nigeria)	Principal Executive Officer II
W.E. Ifenedum-Ofor, B.A. (Nigeria)	Assistant Registrar
J.C. Ewoh, B.Sc., (Benin), M.Sc. (Nigeria)	Technologist II
P.N. Ugwu, B.Sc. (Nigeria)	Technologist II
P.A. Nnaji, B.Sc. (Ghana)	Higher Technical Officer II
E.O. Ogbonna, B.Sc. (Abia)	Higher Technical Officer II
O.I. Eze, B.Sc. (Enugu)	Higher Technical Officer II
J.C. Anigbogu, HND. (Enugu)	Higher Technical Officer II
C.U. Nwiyi, B.Sc. (Owerri)	Higher Technical Officer II
J.C. Chukwudubem, B.Sc. (Nigeria)	Higher Technical Officer II
W.U. Udeagu, B.Sc., (Enugu), M.Sc., (Nigeria), PGDE. (Kaduna)	Higher Technical Officer II
J.A. Joshua-Anonre, B.Sc. (Nigeria)	Higher Technical Officer II
K.U. Irobi, B.Sc. (Nigeria)	Higher Technical Officer II
C.I. Enemo, LL.B. (Nigeria)	Higher Technical Officer II
G.N. Eloke, B.Sc. (Enugu)	Higher Technical Officer II
E.N. Nwafor, B.Sc. (Nigeria)	Higher Technical Officer II
C.C. Onyeaso, B.Sc. (Ogun)	Higher Technical Officer II

**Mission:** Our mission is to be the leading centre in the world to address Sustainability practices and disaster risk reduction management in Nigeria and Africa through research, education, outreach programs, and effective environmental management information system with the aim of improving the overall quality of life.



**Research**

The Centre encourages interdisciplinary research projects that will lead to publications in major academic journals. We encourage our faculty to explore different avenues of scholarly publications including the publication of books, monographs, and other scholarly works. We also network with scholars around the world for scholarly activities. The Centre publishes Sustainability and Disaster Risk Reduction Management as a way of bridging the gap between theory and practice.

**Education**

Currently the Centre offers only graduate programs in environmental management and disaster risk reduction management. Many of our graduate students work with major agencies and firms as environmental or disaster risk managers. Our PhD graduates teach in tertiary institutions in the country.

**Outreach**

CEMAC is actively involved in the community. We work closely with major agencies like NEMA, NESREA, Federal and State Ministries of Environment. We also conduct series of informative lectures to educate the general public and we have taken our crusade on sustainability and disaster risk reduction management to secondary school too. Our staff is actively involved in community programs as a way of extending our services to our immediate environment.

**Consulting**

The centre has developed its consulting services to the business community. We hope to strengthen our association with the Chamber of Commerce and the Manufacturers Association of Nigeria. Presently, the Centre which is registered with NESREA, offers consulting services in the following areas:

Environmental Impact Assessment (EIA)  
Environmental Evaluation  
Environmental Auditing  
Environmental Management Planning, etc.

**Training**

CEMAC is offering short training programs in General Health Safety and Environment to meet the needs of the business community.

**Philosophy**

The philosophy of the programme is to develop a sustainable, multi-disciplinary reservoir of knowledge and skills for appropriate responses to environmental problems and which seeks to foster and maintain a broad international appeal and strong external links.

**Objectives**

Towards the realization of the above philosophy, the objectives of the programme are to:

1. foster and enhance multi-disciplinary research and field studies on environmental issues that are socially relevant and people focused;
2. produce M.Sc. and Ph.D. graduates with a high level of multi-disciplinary environmental problem-solving perspective necessary to bring innovative solutions to environmental problems at local, state, federal and international levels;
3. produce highly skilled environmentalists capable of facing a broad spectrum of challenges in the areas of environmental management and control;
4. facilitate and encourage collaborative studies between students of the centre and other national and international research institutions and organizations.

**Scope**

The programmes are multi-disciplinary in nature involving aspects of environmental regulation and legislation, monitoring and management as well as environmental economics and policy.

**Job Opportunities**

A graduate of the programme is an environmentalist, whose expertise will be very much sought after by the government, oil industries, manufacturing, mining, agricultural and construction industries. He can also find employment in educational and research institutions.

### Area of Specialization

The area of specialization is the environment and a graduate of the programme is an environmentalist.

### Entry Requirements

The following may qualify for admission:

1. **Master of Science (M.Sc.) Environmental Management and Control**
  - a. Graduates of the University of Nigeria or other recognized universities who have obtained the approved degree, with a minimum of second class honours lower division or its equivalent in any of the relevant disciplines.
  - b. Candidates with university honours degree who also hold the PGD in Environmental Management and Control of the University of Nigeria or other recognized universities with a minimum GPA of 3.5 on a 5 - point scale [or 3.00 on a 4-point scale].
2. **Doctor of Philosophy (Ph.D.) Programme in Environmental Management and Control**  
 Graduates of the University of Nigeria or other recognized universities who have obtained the degree of M.Sc. in Environmental Management and Control or its equivalent with a minimum mode of study of 2/3 by research and 1/3 by course work. A minimum GPA of 3.50 on a 5-point scale or 3.00 on a 4-point scale, is required.

### Mode of Study

1. **M.Sc. Programme in Environmental Management and Control**  
 The M.Sc. programme of the Centre for Environmental Management and Control is structured to accommodate two options: *the dissertation option* and *the project report option*.
  - a. The Dissertation Option**  
 The mode of study is by research and course work with research predominating course work. This option has a minimum mode of study of 2/3 by research and 1/3 by course work.  
 The examination consists of written papers and a dissertation defended orally before an external examiner.
  - b. The Project Report Option**  
 The mode of study is by course work and research, with course work predominating research. This option has a minimum mode of study of 2/3 by course work and 1/3 by research.  
 The examination consists of a *Project Report* which does not need to be defended orally before an external examiner.
2. **Ph.D. Programme in Environmental Management and Control**  
 This is a Ph.D. programme with course work, where there is a preponderance of research over course work. The programme culminates in the submission of a *Thesis* which must be judged to make an original contribution to knowledge and also publishable.  
 The Academic Board of CEMAC requires that candidates must perform satisfactorily in two seminars before they can be certified ready for the Ph.D. defence.

### Duration of Study

<b>M.Sc</b>	Full time - 12 Calendar months minimum
	3 Calendar years maximum
	Part time - 18 Calendar months minimum
	5 Calendar years maximum
<b>Ph.D. Programme</b>	Full time - 2 Calendar years minimum
	5 Calendar years maximum
	Part time - 3 Calendar years minimum
	6 Calendar years maximum

### Ph. D. PROGRAMME

#### First Semester

EMC 711

Advanced Environmental Impact Assessment

EMC 721	Advanced Environmental Quality Management Systems	2
EMC 741	Advanced Research	2
EMC 781	Special Topics in Disaster Risk Reduction & Management	3
<b>Second Semester</b>		
EMC 752	Environmental Politics and Policy	2
EMC 791	Global Environmental Challenges	2
EMC 794	Environmental Modeling	2
EMC 701	Synopsis and Grant Writing	3
EMC 762	Thesis	12

**Grand Total****M.Sc. Programme****First Semester**

EMC 611	Overview of Environmental Systems & Environmental Management System	2
EMC 621	Pollution Control and Soil Conservation Methods	2
EMC 641	Principles of Environmental Management, Monitoring & Control Techniques	3
EMC 615	Environmental Chemistry, Air & Water Quality	2
EMC 601	Research Methodology & Application of ICT in Research	3
EMC 619	Waste Management	2

**Second Semester**

EMC 653	Global Environmental Challenges & Priority Issues	2
EMC 627	Environmental Psychology & Policy Studies	2
EMC 651	Environmental Impact Assessment & Sustainability Studies	2
EMC 652	Environmental Epidemiology & Ecological Risk Management	2
Project		6
Elective		2
<b>TOTAL</b>		<b>30</b>

**Electives**

The candidates on the *dissertation option* should select elective of 2 unit from any one of the following 4 stress areas, while those on the *project report option* should also select a minimum of 2 credits from each of the following 4 stress areas:-

**Environmental Resource and management**

		UNITS
EMC 617	Environmental Systems Engineering	2
EMC 631	Environmental Law	2
EMC 613	Land Use, Rural and Urban Planning	2
EMC 645	Geographic Information Systems	2
EMC 633	Environmental Economics	2
EMC 561	Occupational Health & Safety	2

**PGD Programme****First Semester**

EMC 0611	Introduction to Environmental Science	2
EMC 0613	Introduction to Built Environment	2
EMC 0621	Introduction to Environmental Hazards and Control	1
EMC 0631	Introduction to Environmental Law	2
Electives		6
		<b>11</b>

**Electives**

EMC 0615	Water Resources in Environmental Management	2
EMC 0617	Physical Facilities and Environmental Management	2
EMC 0619	Management of Marine and Coastal Environments	2
EMC 0623	Introduction to Environmental Chemistry and Biology	2
EMC 0625	Air and Water Quality Standards	2
EMC 0627	Global Environmental Changes	2
EMC 0633	Population and the Environment	2
EMC 0635	Recreation, Tourism and Resource Management	2

**Second Semester**

EMC 0612	Environmental Management and Regional Development	2
EMC 0614	Introduction to Land Resource Management	1
EMC 0642	Research Methods and Computer Applications	2
EMC 0644	Introduction to Geographic Information Systems [GIS]	2
EMC 0662	Project	4
Electives		2
		<hr/> 13

**Electives**

EMC 0616	Energy and the Environment	1
EMC 0618	Environmental Management and the Ecosystem	1
EMC 0622	Environmental Conservation and Preservation	2
EMC 0624	Waste Water Treatment	1
EMC 0626	Introduction to Environmental Pollution	2
EMC 0628	Introduction to Environmental Psychology	2
EMC 0632	Human settlements and the Environment	2
EMC 0634	Sustainable Development and the Environment	2
EMC 0636	Health and Safety Management	2

The candidates on the *dissertation option* should select elective of 2 unit from any one of the following 4 stress areas, while those on the *project report option* should also select a minimum of 2 credits from each of the following 4 stress areas:-

**Master's Degree Programme in Disaster Risk Management (MDRM) Philosophy**

All over the world, management of disasters has consumed an alarming proportion of the financial resources that would have been committed to the development of countries and improvement of the quality of life of the people. In Nigeria, physical and socio-economic development have been seriously hampered by the frequent occurrences of disasters. Some of the disasters are natural while many others are human induced. The major devastating hazards experienced in Nigeria include the frequent oil spills in the Niger Delta, increase in industrial pollution in the major industrial corridors in the country, rise in ocean and gully erosions in the South East and coastal areas; threat of drought and desertification in the Sahel region; pest infestation as in qualla birds and locusts in Yobe - Bornu axis; avian influenza H5NI (bird flu) in some parts of the country. Flood devastations and general land degradation across the country.

As a response to the Hyogo Frame work for Action (HFA) adopted at the World Conference on Disaster Reduction (WCDR-2005) which advocates for the integration of disaster risk management in the development process of nations, the National Emergency Management Agency (NEMA), in Nigeria, is charged with the responsibility for the management of disasters and emergencies. The mandate of NEMA cuts across development of policies for disaster management, public awareness creation on disasters, responses to emergencies, coordinating the activities of other bodies and government departments in disaster management and mainstreaming disaster risk education into the general national development agenda.

This collaborative programme is a NEMA initiative that will enable NEMA and UNN to build manpower and research capacities for disaster risk management in Nigeria. To this end the Centre for Environmental Management and Control (CEMAC) proposes a multi and inter disciplinary professional Post Graduate Programme leading to the award of a Master's degree in Disaster Risk Management (MDRM).

The philosophy of the programme is to develop a sustainable multi and inter-disciplinary reservoir of knowledge and skills for appropriate responses to disaster challenges and disaster risk management problems in the country and at the international level.

### **Objectives**

In realization of the above philosophy the specific objectives of the programme are :- 1.

To foster multi-disciplinary training and research on disaster risk management;

2. To expose candidates to specific field studies on hazard incidences, their causes, characteristics and consequences as well as the procedures and tools for addressing them;

3. To conduct researches and studies on specific environmental hazards and disasters within the country; 4. To produce highly skilled persons capable of facing a broad spectrum of challenges in the area of disaster risk management;

5. To produce graduates with high level of multi-disciplinary problem solving perspectives necessary to bring innovative solutions to environmental and social problems at local, national and international levels

6. To design, facilitate and encourage collaborative studies between students of the Centre and other national and international organizations and research institutions on issues relating to disaster risk management

### **Scope**

The programme is both multi and inter-disciplinary in nature involving aspects of geophysical and environmental systems, legal, economic, social, health and regulatory issues, monitoring and management techniques for disaster risk management as well as related policy instruments.

### **Entry Requirement**

The following may qualify for admission into the Master in Disaster Risk Management (MDRM)

Graduates of the University of Nigeria or other recognized universities who have obtained an approved Bachelor's degree with a minimum of second-class honours or its equivalent in any of the relevant disciplines

Candidates with university honours degree who also hold the PGD in Disaster Risk Management or Environmental Management and Control, or equivalent qualifications, of the University of Nigeria or other recognized universities with a minimum GPA of 3.5 on a 5 point scale or 3.00 on a 4 point scale. Candidates who possess HND in related disciplines with at least a credit level pass from recognized institutions and at least a credit pass in Postgraduate Diploma in Disaster Risk Management or Environmental Management and Control of the University of Nigeria in the relevant areas. Such candidates must in addition satisfy the basic and higher degree requirements for admission into the University of Nigeria.

### **Mode of Study**

The mode of study is by course work and research with course work predominating over research. This mode of study has a requirement of 2/3 by course work and 1/3 by research. The examination consists of a Project Report which does not need to be defended orally before an external examiner.

### **Duration**

The MDRM programme shall last for a minimum duration of 3 semesters. The award of the degree is conditional on a student's satisfactory completion and performance in the required courses and presentation of the project. The specified duration for full time and part time programmes are as follows:

Full time - 18 calendar months minimum  
3 calendar years maximum

Part time - 24 calendar months minimum  
5 calendar years maximum

**Employment Opportunities**

A graduate of the programme is a professional in disaster risk management whose expertise will be highly sought after by governments, NGOs and disaster risk management organizations such a graduate can also find employment in educational and research institutions.

**Area of Specialization**

The area of specialization is Disaster Risk Management and a graduate of the programme shall be so regarded as a specialist in Disaster Risk Management. But students are required through their projects to narrow down to their specific areas of interest.

**Stress Areas**

Environmental Systems regulation and monitoring	1	
Disaster Risk Policy, Legal, Economic and Social Issues		2
Disaster Risk Management tools and techniques	3	
Research Techniques and Methods	4	
Seminar	5	
Project	9	

**Entry Requirement**

The following may qualify for admission into the PGD in Disaster Risk Management (PGD in DRM) Graduates of the University of Nigeria or other recognized universities who have obtained an approved bachelor degree with a minimum of third-class honours or its equivalent in any of the relevant disciplines. Candidates who possess HND in related disciplines with at least an upper credit level pass from recognized institutions. Such candidates must in addition satisfy the basic and higher degree requirements for admission into the University of Nigeria.

**The Mode of Study**

The mode of study is by course work to be examined in written papers and project work embodied in a Project Report which does not need to be defended orally before an external examiner.

**Duration**

The PGD programme shall last for a minimum duration of 12 calendar months. The award of the degree is conditional on a candidate's satisfactory completion and performance in the required courses and presentation of the project. The specified duration for full time and part time programmes are as follows:

Full time - 12 calendar months minimum  
2 calendar years maximum

Part time - 24 calendar months minimum  
3 calendar years maximum

**Employment Opportunities**

The programme is an avenue for capacity building for students already employed in organization and government parastatals and whose activities impinges on disaster risk management. It also provides opportunities for those seeking to pursue higher degrees in disaster risk management.

**Area of Specialization**

At PGD level there is no specialization. A successful candidate obtains a Post Graduate Diploma in Disaster Risk Management as the programme is an introduction to the preliminary issues in Disaster Risk Management.

**Stress Areas**

Environmental Systems, Regulation and Monitoring	1
Disaster Risk Management Tools and Techniques	2
Disaster Risk Policy, Legal, Legislation, Economic and Social	

	Issues	3	
	Research Techniques and Methods	4	
	Seminar	5	
<b>MDRM Programme</b>			
<b>First Semester</b>			
DRM 611	Land use and Environmental Systems	2	Servicing Department
DRM 621	Disaster Risk Policy	2	2
DRM 623	Legal Issues in Disaster Risk Management	2	Geoinformatics & Surveying
DRM 631	Geographic Information System (GIS) and Remote Sensing (RS) in DRM	2	Law
DRM 641	Research Methodology in DRM	2	Geoinformatics & Surveying
		10	
<b>Second Semester</b>			
DRM 622	Strategic Emergency Response & DRM	2	Medical Rehabilitation
DRM 624	Community Participation in Disaster Risk	2	Medical Rehabilitation
DRM 632	EIA in Disaster Risk Management	2	CEMAC
DRM 642	Disaster Risk Valuation	2	Estate Management
		8	
<b>Third Semester</b>			
DRM 691	Project/Dissertation	6	
DRM 651	Seminar	2	CEMAC
Elective		2	
		10	
Each candidate is expected to select one elective from the following:			
DRM 613	Flood Studies		
DRM 615	Climate Change & DRM	2	
DRM 625	Disaster Trauma Management	2	Medical Rehabilitation
	2 <i>Medical Rehabilitation</i>		
DRM 627	Public Health and Disaster Risk Management	2	Community Medicine
DRM 629	Occupational Hazards and Safety Management	2	Community Medicine
DRM 633	International Collaboration and Community Participation in DRM	2	CEMAC
<b>PGD Programme (DRM)</b>			
<b>First Semester</b>			
DRM 0611	Overview of Environmental Systems	2	CEMAC
DRM 0613	Built Environment & DRM	2	Architecture
DRM 0621	Environmental Resource Exploitation & Disasters	2	URP
DRM 0631	Principles of Disaster Risk Management Techniques	2	CEMAC
DRM 0651	Seminar	2	CEMAC
<b>Elective</b>		2	
		12	
<b>Second Semester</b>			
DRM 0622	Social Issues in Disaster Risk Management	2	Sociology & Anthropology
DRM 0624	Oil Exploitation and DRM	2	Geology
DRM 0632	Environmental Hazards	2	URP
DRM 0642	Techniques in DRM	2	Geoinformatics & Surveying
DRM 0691	Project	4	
		12	
<b>Elective</b>			
Each candidate is expected to select one elective from the following:			
DRM 0615	Desertification and Deforestation	2	Soil Science
DRM 0617	Soil Erosion	2	Soil Science
DRM 0619	Coastal and Marine Environmental Studies	2	Geoinformatic & Surveying

DRM 0633 Media & Communication in Disaster Reduction 2 Mass Communication  
& Risk Management

### **ICT Unit, Nsukka campus**

O. Okeke, Ph.D.  
I.N. Anigbo  
L.A. Ekeke  
C.E. Akobueze  
R.U. Ezech  
F.U. Ozioko  
A.I. Ugwuja  
G.I. Omeje  
E.J. Ugboaku  
F.N. Eze  
I.E. Agboeze  
M.O. Nwobodo  
E.C. Ukeje  
P. Oranya  
E.S.C. Ogude

### **Customer Services Section**

C.C.Mgboji  
I.A. Anene  
S.C. Ugwu

### **Finance Section**

G. Ojedokun  
O. Ejikeme

### **Hardware Section**

S.A. Salawu  
K.C. Nwabueze-Ekweribe  
C.V. Chinyere  
E.A. Timothy  
U. Onyechi  
C. Alegbesogie  
A. Odubiyi  
N.C. Iloh  
V.C. Ukwueze

### **Innovation Section**

I. Ozoko  
E.F. Nweke  
U.C. Nwokocha

### **Network Section**

J.C. Ngwoke  
C.J. Obaregwu  
A. Ekundayo  
C. Ugwoke  
V.O. Donwa  
C. Okpala  
C. Ibenegbu  
C. Onwuchekwa  
C. Igbokwe  
C.A. Edewor

### **Portal Management Section**

C.I. Chielo  
O.C. Ulochukwu

Director  
Chief Confidential Secretary.  
Ass. Chief Operation Manager  
Chief Mach. Rm. Supervisor  
Prin. Mach. Rm. Supr.  
Chief Patrol Supvr.  
Security Officer  
Senior Mach. Room Superv.  
Senior Mach. Room Superv.  
Chief Data Entry Opt/ACCO  
Chief Data Entry Opt/AEO  
Chief Cleaner/Messenger  
Senior Executive Officer  
Chief Cleaner/Messenger  
Senior Clerical Officer

System Analyst I  
System Analyst II  
Network Engineer II

System Analyst II  
Senior System Analyst

### **Chief.Comp Tech**

Princ. Network Engr.  
Chief Systems Analyst  
Senior Network Engr.  
Senior Network Engr.  
Senior Network Engr.  
Senior Network Engineer  
Network. Engr. II  
Network Engineer II

Senior Engineer  
Senior Engineer  
Engineer II

Chief Maint. Off(Comp)  
Princ. Network Engr.  
Princ. Network Engr.  
Senior Programmer  
Senior Network Engr.  
Principal Network Engineer  
Senior Network Engineer  
Senior Network Engineer  
Network. Engr. II  
Systems Analyst II

Princ. Programmer  
Prin. Mach. Rm. Supr.



N.C. Ogbonna	System Analyst II
C.A. Elvis-Ozoadibe	System Analyst II
A.P. Osuji	System Analyst II
<b>Project Management Section</b>	
O. Shadamoro	Chief System Analyst
A.N. Orji	Chief Mach. Rm. Supr.
R.N. Odimba	Prin. Mach. Rm. Supr.
J. Aneke	Principal Network Engineer
<b>Training Section</b>	
P.C. Oranu	Deputy Director
J. Mgbi	Senior Operation Manager
C.E. Aruogwu	System Analyst II
D.O. Ikwuagwu	Chief Machine Room Supervisor
B.N. Attah	Technical Instructor I
O.S. Kanu	Chief Computer Operator
<b>Webometric Section</b>	
G.C. Ebere	Chief Programmer
F.O. Enem	Princ. System Analyst
<b>Website Management Section</b>	
U. Nwamara	Princ. System Analyst
F.C. Attah	Princ. Mach. Rm. Sup
C.O. Uzowulu	System Analyst I
A. Ijomah	Systems Analyst I

**National Biotechnology Development Agency, South East Zonal Biotechnology Centre, University of Nigeria, Nsukka**

**Staff**

There are staff from both University of Nigeria, and National Biotechnology Development Agency, working at the South East Zonal Biotechnology Centre.

**UNN Staff**

J.C. Ogbonna, B.Sc. (Jos), M.Eng. (Yamanneshi Japan), Ph.D. (Tsukuba Japan)	Director
N. Ogbonna, B.Sc. (Nigeria), M.Sc. (Tsukuba Japan), Ph.D. (Ebonyi)	Senior Research Fellow
F.S.O. Ugwu, PGD. (AIMLT), M.Sc. Ph.D. (Awka)	Research Fellow/ Lecturer I
C.G. Nkwonta, B.Sc. M.Sc. (Nigeria), Ph.D. (Uk)	Research Fellow I
E.N. Anaele, B.Sc. M.Sc. (Nigeria)	Research Fellow II
U. Oyeagu, B.Sc. M.Sc. (Nigeria)	Research Fellow II
C.E. Onyia, B.Sc. (Nigeria), M.Sc. (Michael Meb, UK)	Research Fellow II
O.H. Ekwem, B.Sc. M.Sc. (Nigeria)	Research Fellow II
B.U. Ugwu, B.Sc. M.Sc. (Nigeria)	Principal Technical Officer
E. Akobueze, B.Sc. (Nigeria)	Senior Technical Officer
<b>NABDA Staff</b>	
C.B. Aruah, B.Agric. M.Sc. (Nigeria)	Deputy coordinator
A.C. Onuigbo, B.Sc. M.Sc. (Nigeria)	Assistant Chief Scientific Officer
S.O. Udentia, B.Sc. (Abia)	Principal Accts/ Auditor
J.K. Njoku, B.Sc. (Nigeria)	Senior Admin Officer
N.P. Nwokolo, B.Sc. (Enugu)	Senior Admin Officer
N. Alio, B.Eng. (Enugu)	Senior Engineer
U. Anakebe, B.Eng. (Awka)	Senior Engineer
I.E. Okonkwo, B.Sc. (Nigeria)	Principal Executive Officer
A.U. Anulobi, B.Sc. (Okija)	Principal Executive Officer
S. Entonu, B.Sc. (Zaria)	Senior Admin Officer
A.O. Enoyi, B.Sc. (Nigeria)	Senior Admin Officer
C.Ejike, B.Sc. (Zaria)	Senior Scientific Officer
B. Kumbo, B.Sc. (Calabar)	Senior Admin Officer
C.C. Amulu, B.Sc. (Nigeria)	Senior Scientific Officer

I.G. Umeh, B.Sc.(Enugu)  
 V.E. Etim, B.Agric. (Uyo)  
 M.O. Ibegbunam, B.Sc. (Awka)  
 N. Ezeja, B.Eng. (Enugu)

Senior Scientific Officer  
 Scientific Officer I  
 Scientific Officer I  
 Scientific Officer II

South East Zonal Biotechnology Centre, University of Nigeria, Nsukka was established in 2004 as one of the regional Centres of National Biotechnology Development Agency (NABDA) – a parastatal under the Federal Ministry of Science and Technology. The National Biotechnology Development Agency (NABDA) was established in 2001 as an institutional framework for implementing the National Biotechnology Policy with the following specific mandates: promotion of a healthy environment, ensure national food security, provide affordable health care delivery and poverty alleviation. The vision of NABDA is to use Biotechnology to contribute to healthy economic development of Nigeria.

At the South East Zonal Biotechnology Centre, we aim at developing an eco-friendly, sustainable and yet economical biotechnology models for the sustenance of man and his environment. We are working to develop a pilot model of such a system employing five projects; namely Plantain and banana macro-propagation, Vegetable farming, Mushroom production, Snail farming, and Biogas production. Although plantain and banana are important crops in Nigeria with huge potential for export and local processing, establishment of large plantation farms is besieged with the problems of lack of disease-free elite species. Here, healthy, disease-free, high yielding and nutritionally balanced species are macro-propagated. The wastes from this are used to feed snails, and the excess used as raw materials for biogas production. Snails are also very important but rather neglected bio-resource in Nigeria. There are many species of snails with many nutritional and medicinal values. We select and rear elite species of snails, using spoilt and excess vegetables from our vegetable farm as the feed. There are also many species of mushroom growing in the wild. Although many of these species are highly nutritional and some are used to treat various diseases, they are usually collected from the wild and there are very few mushroom farms in Nigeria. At the South East Zonal Biotechnology Centre, we select good species of mushroom, establish their spawns, optimized their culture conditions and help individuals establish mushroom farms. A lot of spent substrates (mainly saw dusts) are generated from our mushroom farm. These wastes, including those from the snail, vegetable and plantain/banana farms are used as raw materials for production of biogas, an eco-friendly and renewable energy. In turn, the digested waste from the biogas digester is very good organic manure and is used to fertilize the vegetable and plantain farms. In this way, there are almost no wastes generated from the five projects while we obtain snails, plantain/banana suckers, mushrooms, vegetables and biogas.

These projects are supported by active research and development as well as training programmes in various aspects of Biotechnology. Some on-going research projects include bioenergy (biogas, bioethanol and biodiesel) production, BARCODING of various bio-resources in Nigeria, and improvements in techniques for mushroom production and processing. The current training programmes include basic techniques in Molecular Biology and Biotechnology, mushroom production, snail production and Microalgae Biotechnology.

## Chapter 13

### University of Nigeria Linkage Programmes

The idea of establishing Linkage programmes with some foreign universities came to fruition with the introduction of the Structural Adjustment Programme (SAP) by the Federal Military Government. The idea was conceived or hatched in order to provide solution to scarce foreign exchange required for procurement of teaching and research materials. The programme provides great opportunities for students and staff to acquire knowledge through exposure and cross-fertilization of ideas.

Linkage Programmes aim at establishing Educational and Cultural Cooperation between the University of Nigeria, Nsukka and the collaborating University or Institution. Basically, Linkage programmes are pursued through either of the following modes:

- (i) Academic Staff Visits.
- (ii) Supply of necessary teaching research and learning aids by the cooperating University where necessary.

The cooperating Institutions or the Government of the Collaborating achieve the above aims and objectives.

#### 1. Service and Training Centre

In May 1989, a linkage agreement was concluded between the Katholieke University of Leuven, Belgium and the University of Nigeria, Nsukka. The aim of the linkage is to develop a maintenance culture at the University of Nigeria, Nsukka, to strengthen the teaching capacity and to restore conditions for research to an acceptable level. Under this linkage, a Service and Training Centre (STC), has been installed. The Main function of the STC is to provide training for laboratory personnel in preventive equipment maintenance and proper use of laboratory equipment, in diagnosis of faults and repair of faulty equipment, STC will also establish a spare-parts policy and may advise the University in formulating a policy for purchase and replacement of equipment.

The linkage is financed by the European Development Fund (EDF) under the Lome III Treaty. The National Universities Commission has also provided some funds for the renovation of facilities housing the STC. The Centre has staff positions established by the University of Nigeria including six technical and seven support staff. These positions have been filled by re-deployment of existing staff from other units in the University. A Chief Technologist at the Katholieke University of Leuven was seconded by his institution to the STC. He supervised the installation of the STC and achieved a high quality realisation.

At present the STC operates under the linkage agreement between the KU Leuven and the University of Nigeria, Nsukka. It is however envisaged that the STC will eventually be officially recognised and approved as a teaching support unit with appropriate provisions in the University budget.

The linkage agreement was concluded in May 1989 between the KU Leuven and University of Nigeria, Nsukka. It came into force on the date of its endorsement by the Commission of the European Community, and will be valid for a period of four years, but renewable thereafter. The agreement is intended to provide the basis for a link of longer duration. Extension of the duration will be subject to a renewal of the agreement and the possibility of generating funds. Nevertheless, it is envisaged that the STC when completely installed and fully operational would clearly fulfill a support function to scientific teaching and research and therefore would become a permanent teaching support unit of the University of Nigeria even when the linkage agreement expires.

#### 2. University of Nigeria-University of Nottingham Link Based in the Department of Veterinary Parasitology & Entomology

The immediate aims and objectives of the linkage programme are:

- (i) To provide short-term specialised training to academic and technical staff of the University of Nigeria in the theoretical and practical aspects of immunology; immunoparasitology and parasite epidemiology at Nottingham University.
- (ii) Provision of short-term and long-term postgraduate research training in Veterinary Parasitology for Nigerian graduates.
- (iii) Provision of specialised immunochemical and other Laboratory consumable to initiate a pilot on protozoan-hemline interactions in indigenous small ruminants.
- (iv) Development and introduction of a course in modern parasite immunology into our undergraduate and post-graduate programmes.
- (v) To provide access to staff and postgraduate of Nottingham University to natural field cases of parasitism in tropical livestock.
- (vi) Preparation of a comprehensive joint research proposal on parasitic disease problems of

West African dwarf sheep and goats and their control, for submission to International Funding Agencies.

The long-term objectives of the linkage programme are:

- (i) Provision of well-qualified human resources in contemporary parasite immunology, epidemiology and control.
- (ii) To develop effective postgraduate programmes in Veterinary parasitology at the University of Nigeria.
- (iii) To contribute to the improvement of health and productivity of indigenous small ruminants through control of their parasitic diseases.

The link in its present form is funded by the British Overseas Development Administration, through the British Council. The University of Nigeria has been responsible for hosting our link partners visiting from Nottingham. Major financial commitments are not expected until a funding agency is found for the joint research proposal.

This linkage programme which commenced in January 1991 is expected to run for three years in the first instance. So far under the programme two exchange visits have already been undertaken, parasite immunology has been introduced in our graduate Parasitology Course, and a postgraduate course is being prepared and a comprehensive joint research proposal is in the pipeline.

### **3. CIDA-TUNS-UNN Linkage project**

The CID-TUNS-UNN Linkage project is based in the Agricultural Engineering Department, University of Nigeria, Nsukka. It is sponsored by the Canadian International Development Agency (CIDA) and is specifically between Agricultural Engineering Department at the Technical University of Nova Scotia (TUNS), Halifax, Canada and Agricultural Engineering Department, University of Nigeria, Nsukka.

In this Linkage project, the University of Nigeria is expected to contribute to the Project in terms of provision of infrastructural facilities such as laboratories and general support for the day-to-day operations of the Project; provide salaries of Nigerians (academic and technical staff) involved in the project; cater for all Canadians visiting the University under the linkage Project; and pay for costs associated with local activities of the project in Nigeria.

The Technical University of Nova Scotia is responsible for salaries of Canadian (academic and technical staff); provision of office and laboratory space, as well as research equipment for all Canadians and Nigeria engaged in research in Canada under the Linkage while in Canada.

The main objective of this Linkage Project is Human Resource Development and Transfer of Agricultural Engineering technology. To achieve this objective, the following specific aims and objectives are identified:

- (a) a staff training programme providing for training at the postgraduate level (Ph.D.);
- (b) a staff short-term development providing for up to 5 Nigerians academic staff for a period of up to 3 months each; and
- (c) Provision for obtaining equipment required for effective teaching and research.

The Project is executed with provision for financial contributions from three main sources, namely:

- (i) Canadian International Development Agency (CIDA) - (Can.\$1,263,507);
- (ii) Technical University of Nova Scotia (TUNS) - (Can \$576,000 - in cash and kind);
- (iii) University of Nigeria (UNN) - (Can. \$543,675 - in cash and kind).

The CIDA-TUNS-UNN Linkage Project officially started in August 1987 and was initially for five years; however, due to the fact that the set of our academic staff who are under-going postgraduate training at TUNS under the Linkage will have their programme extended beyond this period, approval was sought and obtained from CID for this project, to end in 1993 (1987-1993). It should be stated here that already a new proposal in the area of rural development is being developed by our Department and TUNS for consideration by CIDA. The extended Linkage Project is expected to commence in September 1993.

Three staff of the Department of Agricultural Engineering have already undergone the postgraduate training at TUNS and obtained their Ph.D. degree and two other staff are currently on their Ph.D. programme at TUNS. In addition to this, four other staff members of the Department have undertaken the three-month (short term) staff development visit to TUNS.

An important activity which has greatly sustained and cemented the Linkage is the period visit of functionaries of UNN and TUNS to the respective institutions.

The Linkage Project has provided vital, specialized, scientific, technical and communications equipment to our Department here at UNN. These are usually purchased and shipped from Canada to UNN; prominent among these are 4 personal computers, some printers and some computer software. A good deal of research equipment for Soil and Water Engineering; Agricultural Process Engineering, Post-harvest Technology as well as Photographic equipment and side/over head projectors have been supplied. Some teaching and research equipment for the Waste Management and Food Engineering Laboratories have been

recently received.

The Department is expecting shipment of the Soil Bin equipment and its associated instrumentation. The Soil Bin is a state-of-the-art research facility for soil dynamic studies. The building for this facility is a contribution by UNN. When fully installed, this research facility will be the first in Nigeria, and, as far as we are aware, in Black Africa.

#### **4. UNN/DAE/KUL/CIE Linkage Project**

The Department of Agricultural Engineering (DAE) of the University has a linkage programme with the Centre for Irrigation Engineering (CIE) of the Katholieke University Leuven (KUL) on Water Resources Development for Domestic Use and small-scale Irrigation Scheme in South Eastern Nigeria.

This cooperation agreement between the UNN (DAE) and KUL (CIE) which was signed in May/June 1990 is funded by the Belgium Administration of Department Cooperation (BADC).

The need to address the problems posed to present farmers by severe scarcity of water during the dry season was identified and the aim of the Project is to contribute towards the alleviation of the problem. The objectives of the project are:

- (i) To develop simple techniques for harnessing and storing the abundant annual rainfall.
- (ii) To design and develop appropriate low cost techniques for utilizing the stored water for domestic purpose and small-scale irrigation applications.
- (iii) To investigate the development of other water resources of the rural areas (perennial and non-perennial streams, spring, shallow wells) using low-tech methods.
- (iv) To educate and train the rural inhabitants on how to execute and apply the developed techniques by themselves in a do-it-yourself scheme.

The project which has duration of five years in the first instance commenced in February 1991 with the arrival of the two long-term research assistant from KUL.

BADC will contribute an amount not exceeding 23,920,000.00 items as specified in the projected implementation details listed below:

- Long-term staff CIE, KUL seconded to DAE, UNN;
- Exchange visits of staff of CIE and DAE;
- Short-term training of staff of DAE, UNN in Belgium;
- Provision of research equipment, training aids and associated supplies;
- The provision of field equipment for monitoring hydrological data;
- The provision of field equipment for the harnessing, and distribution of the abundant annual rainfall and other water sources;
- The provision of vehicles (an all-terrain vehicle and a general purpose station wagon);
- The training of graduates, extension people, and farmers locally on the design, construction and maintenance of water harnessing, water harnessing, storage and water distribution facilities;
- The provision of accommodation for the long-term staff of CIE, KU Leuven by UNN;
- The provision of salaries of participating scientists who are staff of UNN;
- The licensing and payment of the insurance fee of the project vehicles by UNN;
- The provision of assistance for getting equipment and other materials for the project imported duty free from Belgium.

## Chapter 14

### Honorary Graduates

Name	Honorary Degree	Awarded
The Right Reverend J.C. Anyogu	D.Litt,	961
Sir Eric Ashby	D.Sc.,	1961
Chief Obafemi Awolowo	LL.D.,	1961
The Right Honorable Chief Dr.Nnamdi Azikiwe	D.Litt,	1961
Alhaji Sir Ahmadu Bellow	LL.D.,	1961
Sir J.W. Cook	D.Sc.,	1961
Dr. J.A.Hannah	D.Sc.,	1961
Professor William Leo Hansberry	D.Litt.,	1961
Dr. Michael I. Okpara	LL.D.,	1961
Sir Adetokunboh Ademola	LL.D.,	1963
Dr Francis Akanu Ibiam	D.Litt.,	1963
Sir Samuel Manwa	D.Sc.,	1963
Sir Louis Mbanefo	LL.D.,	1963
Sir Odumegwu L.P.Ojukwu	LL.D.,	1963
The Most Reverend C.J. Patterson	D.D.,	1963
Mr. T.K.E. Phillips	D.Mus.,	1963
The Reverend J.O.E. Soremekun	D.D.,	1963
Alhaji Sir Abubakar Tafawa Balewa	D.Litt.,	1964
Sir Odeleye Fadahunsi	LL.D.,	1964
Sir Kashim Ibrahim	LL.D.,	1964
Mr. Eyo Ita	D.Litt.,	1964
Dr. George Marion Johnson	LL.D.,	1964
Chief S.J.Mariere	LL.D.,	1964
The Reverend S.W. Martin	D.D.,	1964
The Venerable E.C. Nwosu	D.D.,	1964
Chief D.C. Osadebay	LL.D.,	1964
Chief Simeon O.Adebo	LL.D.,	1965
Chief Ibanga Udo Akpabio	D.Litt.,	1965
Professor Eni Njoku	D.Sc.,	1965
Alhaji Ado Bayero	LL.D.,	1966
Dr. Pius N.C. Okigbo	LL.D.,	1966
The Right Reverend Seth I, Kale	D.D.,	1996
His Excellency Ukpabi A. Asika	D.Litt.,	1971
Dr Ishaya Shaaibu Audu	D.Sc.,	1971
His Excellency Brigadier Udokaha Jacob Eusene	LL.D .,	1971
His Excellency Brigadier Samuel Osaigbovo Ogbemudia	LL.D.,	1971
Professor Hezekiah Adedumola Oluwasanmi D.Sc.,		1971
The Honorable Dr. Taslim Olawale Elias	D.Litt.,	1973
His Excellency General Yakubu Gowon	LL.D.,	1973
His Excellency Sayed Gaafar Mohammed Nimeiry	LL.D.,	1973
Dr. Okori Arikpo	LL.D.,	1974
Chief A.Y.Eke	LL.D.,	1974
His Highness Alhaji Sir Saddiq Abubakar III	D.Sc.,	1976
Professor T. Adeoye Lambo	D.Sc.,	1979
Honorable Justice C.D. Onyeama	LL.D.,	1979
His Highness Alhaji Mustapha El-Kanemi	LL.D.,	1979
Professor Kenneth Onwuka Dike	D.Litt.,	1980
Professor Chinua Achebe, O.F.R.	D.Litt.,	1981
Chief Enoch Ifediora Oli, M.B.E, M.F.R.	D.Litt.,	1981
Professor Charles Thurstan Shaw	D.Sc.,	1981
Professor Bede N.Okigbo	D.Sc.,	1981
Engineer Chief E.C. Iwuanyanwu	D.B.A.,	1986

His Eminence Francis Cardinal Arinze	D.Litt., 1986
Mr. Morkwugo Okoye	D.Litt., 1986
Professor Gordian Ezekwe	D.Sc., 1986
Professor Babs A. Fafunwa	LL.D., 1986
Professor Edward Blyden III	D.Litt., 1986
Chief John U.Nwodo	LL.D., 1986
Mrs. Adeota Adejumbi Adegbite	LL.D., 1988
Dr. Okechukwu Ikejiani	D.Sc., 1988
Chief Augustine Ejikeme Iiodibe	D.B.A., 1988
Chief Fredrick Chidozie Ogbalu	LL.D., 1988
His Excellency Dr. Richard von Weizsacker	LL.D., 1988
Chief Sir Reuben Ibekwe Uzoma	LL.D., 1990
Professor Benjamin Obi Nwabueze	LL.D., 1990
Chief Dr. Gabriel Osawaru Igbinedion	D.B.A., 1990
Chief Eleazer Chukwuemeka Anyaoku	LL.D., 1991
Professor Thomas R. Odhiambo	D.Sc., 1991
Sir Dr. Joseph Nwankwu	D.B.A., 1991
Dr. Mrs. Niara Sudarkasa	D.Litt., 1992
Mrs. Maryam Babangida	LL.D., 1992
Professor Simon Ottenbery	D.Litt., 1992
Chief Ferdinand A. Anaghara	D.B.A., 1992
Chief Gilbert Ekwenugo Okeke	LL.D., 1992
Chief Benjamin Uzoukwu Nzeribe	LL.D., 1992
Professor Glen L. Taggart	LL.D., 1992
Professor John A. Dibiaggio	LL.D., 1992
Mr. E.C. Ezekwesili	LL.D., 1996
Chief Sonny Odogwu	LL.D., 1996
Lt.Gen. M.B. Haladu	LL.D., 1996
Commodore O. Ebitu Ukiwe	D.Litt., 1996
Ogiamé, Atuwase II	LL.D., 1997
Professor Chike Obi	D.Sc., 1997
Chief Chimezie Ikeazor	LL.D., 1999
Senator Ali, M.Sheriff	D.B.A., 1999
Professor Chukwumeka Vincent Ike	D. Litt., 1999
Mr. Christian Adimorah	LL.D., 1999
Chief Michael Ade Ojo	D.B.A., 1999
Professor Bartholomew O. Nnaji	D.Sc., 1999
His Highness, Alhaji Shehu Idris, CFR	D.P.A., 2001
Mr C.M. Maduka	D.B.A., 2003
Brigadier-General M.B. Marwa (rtd)	D.P.A., 2003
His Excellency, Dr Chimaroke Nnamani	D.Sc., 2003
Mr Raymond C. Obieri	D.B.A., 2003
His Excellency, Dr Peter Odili	D.Sc., 2003
Mr Joseph Oladele Sanusi	D.B.A., 2003
Dr. Sam Ominyi Egwu	DSC, 2006
Mr. Festus Boniface Oha Odimegwu	DBA, 2006
Igwe James Ogbonna Mamah	DBA, 2006
Mr. Kalu Uke Kalu	DBA, 2006
His Eminence Sunday Mbang	DD, 2006
Prof. Chukwuka Okonjo	D.LITT, 2006
Mr. Tony Onyemaechi Elemelu	DBA, 2008
Engr. Ernest Chukwuka Anene Ndukwe	DSC, 2008
Chief dr. Mrs. Olutoyin Olusola Olakunri	DPA, 2008
Prof. Chukwuma Charles Soludo	DSC, 2009
Hon. Farouk Mohammad Lawan	DPA, 2009
Chief Vincent Amachi Obianodo	DBA, 2009
Sir Ernest Nnaemeka Azudialu	DBA, 2009

His Excellency Mallam Ibrahim Shekarau	DPA, 2009
His Excellency Alhaji Dr. Muhammed Danjuma Goje	DPA, 2010
His Excellency Dr. Godswill Obot Akpabio	LLD, 2010
Mr. Cletus Madubugwu Ibeto	DBA, 2011
Mr. Olutanyo Aderinokun, MFR	DPA, 2011
Alhaji Sanusi Sanusi Lamido Aminu	DBA, 2011
Rear Admiral Alison Amaechina Madueke	DBA, 2011
Mr. Ihejialu Reginald	DBA, 2012
Mr. Olisa Agbakoba	LLD, 2012
Prof. Utomi Patrick Okedinachi	DBA, 2012
Senator Anyim Pius Anyim	LLD, 2013
Prof. Jega Attahiru Muhammadu	DPA, 2013
Dr. Alex Otti	DBA, 2013
Tajudeen Afolabi Adelola	DPA, 2013
Mrs. Folarunso Alakija	DBA, 2014
Mr. Samuel Maduka Onyishi	DBA, 2014
Late General Chukwuemeka Odumegwu Ojukwu (Posthumous)	DLL, 2014
Chief Innocent Chukwuma	DBA, 2014
His Excellency, Senator Ike Ekweremadu	LLD, 2015
Lady Chief Dr. (Mrs) Valerie-Janette Ogonna Azinge	LLD, 2015
Mr. Ojunekwu Augustine Avuru	DBA, 2015
Dr. Musa Babayo	DPA, 2015
Igwe Alfred Achebe	DPA, 2016
Alhaji Ibrahim A. Coomassie	DPA, 2016
Ambass. Godwin Alaoma Onyegbula	DPA, 2016
Prince(Dr) Anthur Eze (OFR)	DBA, 2016
Hon. Justice Eze Ozobu	LLD, 2016
Pst. Enoch Adejare Adeboye	DD, 2017
Sir, Engr. Emeka Obiorah Okwuosa	DBA, 2017
Engr. John Obinna Chukwu	DPA, 2017



**Chapter 15****Professors Emeritus of the University of Nigeria****2003**

Professor F.A.O. Udekwu

**2006**

Professor C.C. Nwosu

Professor J.A. Umeh

Professor J.O.C. Ezeilo

Professor A.O.E Animalu

Professor G. Onuaguluchi

Professor C.C. Chineme

Professor C.H. Anyanwu

**2015**

Professor Paul Iwe Akubue

Professor P.N. Okeke

**2016**

Professor Frank N. Ndili

Professor E. Anatsui

Professor Ola Oloidi

Professor Cornelius Ikechukwu Ezekwe

Professor Louis Umeh

Professor Sammy Izundu Agajelu

Professor P.O. Okonkwo

Professor Nene E.N. Obianyo

Professor J.C. Azubuike

Professor Jonnie M. Oli

Professor Peter Onyekwere Ebigbo

Professor Uchenna Megafu

Professor C.O. Okogbue

Professor J.C. Amazigo

Professor E. Okeke

Professor Charles Okolo Okafor

Professor E.C. Okafor

Professor J.N. Adichie

Professor Silvanus Maduka Anika

**2017**

Professor W.I. Beniah Onuigbo

Professor Anthony Okay Odukwe

Professor Samuel Onuorah Onyegegbu

Professor Francis Igboji Idike

Professor Samuel Nnagbo Chiejina

Professor Emmanuel Uchechukwu Odigboh

Professor Benson Omeniha Oluikpe