



REDEEMER'S UNIVERSITY
COLLEGE OF POSTGRADUATE STUDIES

P.M.B. 230, Ede, Osun State, Nigeria

HANDBOOK FOR
POSTGRADUATE STUDENTS

2022 - 2027

...running with the vision



REDEEMER'S UNIVERSITY
College of Postgraduate Studies
P.M.B. 230
Ede, Osun State, Nigeria

HANDBOOK FOR POSTGRADUATE STUDENTS

Second Edition

2022 to 2027

FORWARD

Dear Postgraduate Student, it is my pleasure to welcome you to Redeemer's University. You will find out that choosing the Redeemer's University for your postgraduate study is one of the most rewarding decisions you have made. Postgraduate study is challenging and at the same time rewarding. Therefore, during your stay at Redeemer's University, you will require adequate information on the procedure for engaging in your research as well as meeting the requirements for the award of your desired degree or certificate. The Second Edition of the postgraduate handbook is here to provide you with a comprehensive information on the rules and regulations governing your postgraduate programme, to enlighten you on what is expected of you and what you should expect from your faculty and course advisors. Once again, you are welcome.

Professor Anthony E. Akinlo

Vice-Chancellor, Redeemer's University

INTRODUCTION AND WELCOME

Dear Postgraduate Student, thank you for choosing to join the Redeemer's University at this stage of your academic pursuit. You will always be glad for making this decision, as you have come to one of Africa's centers of academic excellence.

This handbook has been designed to guide you through the procedures for successfully engaging in your study in the University. I encourage you to consult it as often as necessary. The handbook will provide you with the essential information on your programme, department, faculty and the university and their requirements. It will inform you about the various academic and cognate activities you must participate in order to acquire the requisite postgraduate knowledge and skills in your chosen field.

In addition, your coordinators in the Faculty and Departments are always available to help you in handling the necessary issues relating to your programme. The handbook contains the general and programme-specific information across fields of study. Please, feel free to suggest whatever additional information you think the handbook should provide in the future.

Your programme of study has been carefully designed to prepare you for higher positions in the academic and professional services. Explore all the opportunities available to you while you are here in Redeemer's University. As you take informed steps to meet the academic and other requirements, based on information provided in this book, you can be sure that all those assigned with the responsibility of helping you through the programme will not hesitate to assist you further. You are sincerely welcome to the College of Postgraduate Studies of Redeemer's University.

Professor Ahmed P. Yerima

Provost, College of Postgraduate Studies

ACKNOWLEDGEMENTS

The Editor, on behalf of the Provost and the Board, College of Postgraduate Studies (CPGS), Redeemer's University, wishes to acknowledge and appreciate our team of dedicated Heads of Departments and Deans of Faculties (both past and present), who worked assiduously and contributed immensely to the postgraduate curriculum development and review of the various programmes presented in this handbook. It is a great pleasure to particularly acknowledge our highly esteemed Postgraduate Coordinators and lecturers in the departments and faculties, who played pivotal contributory background roles that are too numerous to mention, including the design and development of new courses. It is worth mentioning that this handbook was preceded by the first edition, published in 2012. Some of the materials in the first edition were incorporated into this second edition. Special thanks to the pioneer Dean (Professor Christian T. Happi) and the immediate past Provost (Professor Gabriel A. Kolawole) for their immense contributions to the first edition and at various developmental stages of this handbook during their tenures in office. Finally, for many stimulating discussions and helpful comments, the members of the Postgraduate Curriculum Committee are duly acknowledged.

Professor U. E. Vincent

Editor & Chairman, Postgraduate Curriculum Committee

Redeemer's University Vision

To be the foremost academic institution, setting standards through continuous commitment to excellence geared towards making a transformative impact on society

Mission Statement

To continuously impact the society through commitment to excellence in education, research, creativity, innovation, entrepreneurship and raising global leaders as change agents imbued with God-fearing attributes

Our Guiding Values

To achieve our Mission, we are guided by the following core values as our 'LIFE PIE':

Loyalty to the Vision, Mission and Community Covenant of the University;

Integrity in all our conduct and dealings;

Faithfulness to God, Humanity and the ideals of the University;

Excellence in all our deliverables to ensure the highest qualities;

Passion and Commitment to selfless and sacrificial service;

Innovation and creativity to provide solutions to societal needs;

Entrepreneurship ecosystem that fosters business development skills and self-reliance.

Vision and Mission of the College of Postgraduate Studies

The Vision of the College is to raise researchers and academia that will proffer solutions to the contemporary challenges of our time at both local and international levels. The College aims to be ranked as a world class College with reputable centers of excellence in Science, Engineering and Technology, Humanities, Management and Administration.

The Mission of the College of Postgraduate studies is enshrined in the Mission of the University, to raise God fearing, truthful, responsible and impactful students. The College prepares students for national and global relevance in research, innovation and capacity building. The College is creating a vibrant academic and research environments that transcend national boundaries through collaboration with National and International bodies. Priority is given to interdisciplinary and cross-functional areas of research.

PRINCIPAL OFFICERS OF THE UNIVERSITY

S/N	NAME	OFFICE
1	Prof. A. E. Akinlo	Vice-Chancellor
2	Prof. A. O. Adebileje	Deputy Vice-Chancellor
3	Mr. O. E. Akindele	Registrar
4	Mrs. M. O. Olutayo-David	Bursar
5	Dr. A. A. Adeleke	University Librarian

Professor Ahmed Parker Yerima, BA (Ife); PG Dip; PhD (Wales)

Provost, College of Postgraduate Studies



Professor Ahmed Parker Yerima is a Professor of Theatre and Cultural Studies

in the Department of Theatre Arts, Redeemer's University. He holds a Diploma and BA degree in Theatre Arts from the Obafemi Awolowo University (1978, 81), Postgraduate Diploma in Theatre Arts, University College Cardiff, Wales, (1982) and PhD in Theatre Arts from the Royal Holloway College, University of London (1986). He is currently the Provost of the Postgraduate College, of the Redeemer's University. A renowned playwright, director, administrator and academic, Professor Yerima has evolved a unique dramaturgy and performance styles with his over seventy published plays, thus making him a leading and significant contemporary Nigerian writer and scholar. He has also written and co-written over twelve scholarly books, which contribute immensely to the academic development of Nigerian drama.

Professor Ahmed Yerima is a former Director-General of the National Theatre and National Troupe of Nigeria. He won the Nigerian Prize for Literature (2006). He is presently a member of the NLNG Advisory Board for the Nigerian Prize for Literature. Being a historical and multicultural dramatist, his research focuses on the Historicism, Despotism, Reconstruction and Deconstruction of the rich cultural heritage of the major tribes of the Nigerian people, the "onomastic patterns of names in Nigerian cultures", and the "emblematic virtues and vices in the human world", This has made him leading and most significant dramatist of the third-generation Nigerian playwrights. He is a Fellow of the Nigerian Academy of Letters, Professor Ahmed Yerima's goal as Provost is to continue the research tradition at the university which he contributed to by presenting the first university inaugural lecture in 2013, and like his erudite predecessors; Professor Christian T. Happi and Professor G.A. Kolawole, reaffirm the Redeemer's University as a foremost Research Quality based institution. His focus to Improve teaching and student experience, ensure that our lecturers and professors are experts in their subject areas and are well connected with the professional world of practice and knowledge acquisition after graduation. And also, encourage collaboration through international affiliation with established distinguished universities in Nigeria and abroad.

Dr. Femi Ayoade, BSc (Ibadan); MSc (Saga, Japan); PhD (Kagoshima, Japan)

Sub-Dean, College of Postgraduate Studies



Dr. Femi Ayoade is the Sub-Dean of the School of Postgraduate Studies, Redeemer's University (RUN), Ede, Osun State, Nigeria. He is a Reader (Food and Environmental Biotechnology) in the Department of Biological Sciences of the University. He obtained his BSc and MSc. Degrees in Agricultural Biology in 1988 and 1990 respectively from the University of Ibadan, Ibadan, Nigeria, a second MSc. Degree in Entomology from Saga University, Japan (1994) and a PhD Degree in Agricultural Biology (Entomology) in 1997 from Kagoshima University, Kagoshima, Japan. Dr. Ayoade worked for some years in the Biotech and Pharmaceutical

Industries and in the year 2009, was employed by the Redeemer's University, as a Lecturer I. He rose through the ranks to his present rank of Reader in the year 2019.

Prior to his appointment as Sub-Dean, School of Postgraduate Studies in August 2022, Dr. Femi Ayoade also served the University in various capacities including that of Sub-Dean, Faculty of Natural Sciences; Acting Head, Department of Biological Sciences; Member, Business Committee of Senate among others.

Dr. Ayoade has served as External Assessor (Internal) at *viva voce* to Doctoral and Masters candidates of the University. He has successfully supervised five MSc graduates. He is currently supervising 3 Masters and 3 Doctoral students. He is a Chartered Biologist, (C. Biol.) and holds membership of professional bodies including American Society of Microbiologists (ASM), Member, Biotechnology Society of Nigeria (BSN), among others.

His research interest is in the development of biotechnologies for solving food and environmental problems. He has published over 30 scholarly articles in reputable journals including the famous journal, ***Science*** with more than 140 cumulative impact factor points.

He is married and blessed with children.

Mr. Kolawole E. Adeyanju, BA (Ife), MPA (Ife)

Principal Assistant Registrar and Secretary, College of Postgraduate Studies



Mr. Kolawole E. Adeyanju, holds a B. A. (Ed) History in 1997 and Master of Public Administration (MPA) in 2001 from the prestigious Obafemi Awolowo University, Ile-Ife. Nigeria. He joined the services of the Redeemer's University in October, 2005 as Administrative Officer I. He has worked in different units of the University such as the pioneer College Officer of the College of Management & Social Sciences (now Faculty of Social Sciences), Academic Affairs Division, Students' Affairs Office and the Human Resources Division. He was later redeployed to the College of Humanities and College of Social Sciences as the College Officer.

He had served as Secretary to many Committees of the University, such as the University Health Services Management Committee, University Information Technology Committee, University Examinations Malpractices Committee, University Ceremonials Committee, Facts-Finding Investigating Panel, Appointment and Promotion Committee (Academic Staff) and Awards and Recognition Committee, among others.

Since his appointment in the University, he has attended several seminars and conferences. He is a member of various Associations such as the Association of Nigerian University Professional Administrators (ANUPA), and an Associate Member of the Chartered Institute of Personnel Management of Nigeria.

He was appointed the Secretary to the College of Postgraduate Studies (CPGS) to provide administrative support for the day-to-day smooth running of the College.

THE PAST AND PRESENT COLLEGE STAFF

Professor Christian Happi (Pioneer Dean, CPGS) 2012- 2016

Dr. D. O. Oni (Sub-Dean, CPGS) 2014 -2015

Mr. D. O. Esseh (Pioneer Secretary, CPGS) 2012-2014

Mr. Zaccheaus Olusegun Ogunkanmi (Secretary, CPGS) 2014 – 2020

Mrs. Toyin Huvenu (Secretary to the Dean, CPGS) 2012 -2014

Mrs. Temitope Oyelade (Secretary to the Dean, CPGS) 2014 – 2018

Professor G. A. Kolawole (Dean, CPGS) 2016 -2021

Dr. Olumide Ekanade (Sub-Dean, CPGS) 2017 -2019

Dr. Francis Uzonwane (Sub-Dean, CPGS) 2019 - 2020

Mrs. Ehiosu Theodora Ogar-Mfongang (Secretary to the Provost, CPGS) 2018 – 2022

Professor Ahmed Yerima (Provost, CPGS) 2021 – date

Dr. Omowale Adelabu (Sub-Dean, CPGS) 2021 – 2022

Dr. Femi Ayoade (Sub-Dean, CPGS) 2022 – date

Mrs. Angelina O. Ezeh (Secretary to the Provost, CPGS) 2022 – date

Mr. M. K. Adeyanju (Secretary CPGS) 2020 – date

Table of Contents

CHAPTER ONE	13
ADMISSIONS, REGISTRATION AND ORIENTATION	13
CHAPTER TWO	18
CODE OF CONDUCT FOR STUDENTS	18
CHAPTER THREE	24
ESTABLISHMENT OF POSTGRADUATE PROGRAMMES	24
CHAPTER FOUR	36
FORMAT FOR ORAL DEFENCE	36
CHAPTER FIVE	44
FORMAT FOR PROJECT/DISSERTATION/THESIS PRESENTATION	44
CHAPTER SIX.....	50
DEPARTMENT OF ENGLISH	50
CHAPTER SEVEN	71
DEPARTMENT OF HISTORY AND INTERNATIONAL STUDIES	71
CHAPTER EIGHT.....	86
DEPARTMENT OF CHRISTIAN RELIGIOUS STUDIES AND PHILOSOPHY	86
CHAPTER NINE	102
DEPARTMENT OF THEATRE ARTS.....	103
CHAPTER TEN	131
DEPARTMENT OF ACCOUNTING	131
CHAPTER ELEVEN	146
DEPARTMENT OF FINANCE	146
CHAPTER TWELVE	159
DEPARTMENT OF BUSINESS ADMINISTRATION AND MARKETING.....	159
CHAPTER THIRTEEN.....	216
DEPARTMENT OF TRANSPORT MANAGEMENT	216

CHAPTER FOURTEEN	231
DEPARTMENT OF BEHAVIOURAL STUDIES	231
CHAPTER FIFTEEN	277
DEPARTMENT OF ECONOMICS	277
CHAPTER SIXTEEN	306
DEPARTMENT OF MASS COMMUNICATION.....	306
CHAPTER SEVENTEEN.....	332
DEPARTMENT OF POLITICAL SCIENCE AND PUBLIC ADMINISTRATION.....	332
CHAPTER EIGHTEEN	339
DEPARTMENT OF TOURISM STUDIES	339
CHAPTER NINETEEN	358
DEPARTMENT OF BIOLOGICAL SCIENCES	358
CHAPTER TWENTY.....	379
DEPARTMENT OF CHEMICAL SCIENCES	379
CHAPTER TWENTY-ONE	390
DEPARTMENT OF COMPUTER SCIENCE	390
CHAPTER TWENTY-TWO	412
DEPARTMENT OF MATHEMATICS AND STATISTICS.....	412
CHAPTER TWENTY-THREE	437
DEPARTMENT OF PHYSICAL SCIENCES.....	437
CHAPTER TWENTY-FOUR	459
DEPARTMENT OF BIOCHEMISTRY.....	459
CHAPTER TWENTY-FIVE	474
CENTRE FOR GENDER AND DEVELOPMENT STUDIES IN COLLABORATION WITH THE DEPARTMENT OF BEHAVIOURAL STUDIES	474
FORMAT FOR PRESENTATION OF POSTGRADUATE RESULTS.....	488
MISCELLANEOUS FORMS AND APPENDAGES.....	496

CHAPTER ONE

ADMISSIONS, REGISTRATION AND ORIENTATION

Admissions

(a) Full-Time Admission

Full-Time Admission will be offered to candidates **who provide satisfactory evidence that they are not employed (or have obtained study leave from their employers) and are not undertaking full-time studies elsewhere**. A false declaration by any candidate shall lead to withdraw from the University.

(b) Part-Time Admission

Part-Time Admission will be offered to candidates who are on full-time employment in any organization. **Candidates belonging to this category may be asked to show evidence of release by their employers.**

(c) Admission as Occasional Students

There are two types of occasional students

(i) Occasional Degree Students: Candidates who satisfy minimum entry requirements but are deficient in the specific study area, shall be recommended to undergo a remedial course for a particular period to compensate for deficiencies in their present qualifications and prepare them for the main programme.

(ii) Occasional /Non-degree Students: Students who are registered in their respective home Universities where they would eventually obtain the degree in view, but are seeking attachment to a department to carry out research in their areas of study for a specific period, shall be considered on a case-by-case basis.

(d) Staff Candidate

A full-time member of the academic staff or any person engaged in a full-time employment within the University, having met the specific admission requirements, may be admitted to pursue a higher degree subject to the following conditions:

(i) notwithstanding other regulations relating to part-time study, the Senate, on the recommendation of the Board of Postgraduate Studies, may prescribe a minimum period of study and research, not less than would be defined for full-time study.

(ii) where a person who has been a student under the regulation ceases to be a member of the academic staff of the University, he/she shall apply to the Board of Postgraduate Studies to review their status.

Duration of Courses: In principle, the duration of the part-time equivalent of postgraduate academic programmes shall be one and a half times that of the full-time courses.

Registration

Registration for courses takes place in the first week of a given semester. Students who cannot meet this deadline are allowed to do late registration on the payment of ₦10,000.00 (Ten Thousand Naira only). However, no registration is allowed after four weeks from the beginning of a given semester.

Orientation

An orientation programme is always arranged for new students by the College of Postgraduate Studies in cooperation with other relevant departments. The orientation programme is intended to enable new students to settle down and adjust to the postgraduate programme. They are also acquainted with the ethos of the University

As part of the Orientation exercise, new students are able to interact with the Vice Chancellor and other Principal Officers, Deans of Colleges/Faculties and other officials of the University. They are also introduced to the various facilities in the University, including the use of the University's Library.

Matriculation and Matriculation Number

Every student will be required to take part in the matriculation ceremony, which is the official acceptance of new students to the University system.

Each student is required to take an oath and sign a declaration to signify that he/she will observe the statutes, rules and regulations of the University. After the oath taking, students sign the matriculation register which contains the names of all the matriculants serially arranged, by department, and in alphabetical order.

Use of Matriculation Number

Each student is assigned a matriculation number upon registration. No official student paper or document may be regarded as complete or valid unless it carries the correct matriculation number. Students are therefore strongly advised to know and to be always definite about their matriculation numbers and to use these numbers on all official transaction, including payment of tuition fees.

Matriculation numbers are to be retained by students even if he/she changes Faculty or course of study.

Identity Card

Every registered student is to collect an official student's identification card from the Students' Information Technology (IT) Unit, upon the payment of the prescribed fee. The Identity card is renewable every session, at no additional cost.

Any person, while in the University may be required for reasonable course to identify himself / herself upon request by authorized officials acting in performance of their duties. All registered students are expected to have their card on with the University Lanyard at all times in the University premises. Some University facilities are open to students who are able to show valid identity card. Students are therefore strongly advised to carry their identity cards with them always and be ready to produce them at any time on demand.

The Tekena Tamuno Library

The Tekena Tamuno Library is the main University Library. It came into being when the parent institution received its license to operate. It is rich in the latest resources in Natural Sciences, Engineering, Environmental Sciences, Management Sciences, Social Sciences, Humanities, Education and Law.

It has a collection of approximately 32,000 volumes and still growing fast. There are back issues of journals in most of the disciplines listed above. It also has a fair number of non-profit materials, videos, tapes, CDS etc. The Library collection is well catalogued and classified appropriately.

The library is automated and materials can be accessed online from any location in the University through the Library Database.

Mission

The mission of RUN Library is to serve as a gateway to the latest information resources needed by the University staff and students irrespective of location, to enhance the learning, teaching and research in a prompt, cost-effective and painless manner.

Membership

The Library is open to all registered bona-fide students and staff of the University who carry genuine staff or students ID cards. The Library does not issue a separate ID card for use of its services and facilities.

Library users are expected to produce current ID cards before they can be allowed into the Library. Students and staff of sister Institutions are expected to produce guarantees of current registration with their respective libraries as well as letters of request to use the RUN library from either their University or College Librarians. Admission to use library facilities is a privilege and not a right and there is a need for strict observance of rules and regulations governing such a use.

Resources

Our library is organized along subject lines. Resources are collected at present in the subject areas offered for teaching and related areas needed to broaden learning and research ability of academic staff and students.

Hostel Regulations

Admission into the Halls of residence

- (a) Admission to the hall of residence is by the authority of the College of Postgraduate Studies.
- (b) Evidence of full payment of boarding fee must be presented before admission into the hall of residence.
- (c) Full academic session or Semester fees must be paid before allocation into rooms.
- (d) Final allocation into rooms in the hall shall be made by the Secretary, College of Postgraduate Studies or his delegate.

(e) The right to occupy a room is not transferable.

Illegal Occupancy of Room (Squatting)

(a) All students who are legitimately allocated rooms in the halls of residence shall not harbour any other student or person.

(b) Any student who keeps a squatter shall automatically forfeit his/her rooms without any refund of accommodation fees earlier paid. The student and the squatter will be ejected from any of the University halls of residence.

(c) If an already ejected student or squatter is found again squatting with another student in the Hall, the squatter, now a second offender, will be subject to further disciplinary measures while the student harbouring the squatter, who is now a first offender, forfeits his/her room allocation without refund.

Guests and Visitors

(a) Visitors are not allowed in the students' rooms; however, they can visit between the hours of 4:00 pm and 7:00 pm on weekdays (Monday to Friday inclusive) and between the hours of 10:00 am to 7:00 pm on Saturdays and Sundays and public holidays. Visitors can only be received in the Common Room.

(b) No visitors of the opposite sex shall be allowed into the students' hostel after 7:00pm

(c) Undergraduate students of opposite sex are not allowed in the student hostel

(d) No Visitor/spouse is allowed to sleep in a student's room without official permission from the College of Postgraduate Studies.

(e) Prior permission of the Provost, CPGS must be obtained for the spouse of student to pass a night in the student hostel.

Electrical Appliances

(a) Installation and use of high wattage appliances (cookers, washing machines and freezers) is prohibited in student's room. A small refrigerator may be allowed following due permission of the College.

(b) Under no circumstances must any student tamper with or alter, in any way, electrical installations in any section of the room. Culprits shall be expelled from the Hall of residence and /or be made to pay for any damage.

(c) Students' luggage may be checked before being allowed into the halls.

(d) Any student who brings electronic appliances must register such with the porters. Wireless or any musical appliances must not be played at any time to avoid disturbing the peace of others; and they are strictly forbidden during hours of silence (night).

Antisocial Behaviour in Hall of Residence

(a) Noise: Noise making through the use of record players, stereo equipment and other means in the hall is prohibited. Any persistent violation will lead to the expulsion of the student from the Hall of

residence.

(b) Cooking is not allowed.

(c) Careless or willful destruction to Hall properties is punishable by a fine to be imposed by the CPGS after seeking advice from the maintenance officer, as to the cost of replacement and/or repairs.

University/Hall Property: Keys

Door and locker keys are properties of the University; issued to students as a mark of their tenancy. At the end of their tenancy, students must return all the keys to the College of Postgraduate studies or designated Porters in-charge. Under no circumstances shall keys be taken away from the University.

Information to Women Students in the Hall

(i) The Hall official shall not accept any liability for arrangement of ante-natal or delivery services of pregnant women. The University health services will undertake to advise and direct students generally as may be necessary.

(ii) A married student becoming pregnant will report her condition early to the Chief Medical Officer. The Chief Medical Officer will inform the Secretary, CPGS of her state.

(c) The husband of the pregnant student or putative father of her expected baby will produce to the College written undertaking accepting responsibility for the students' condition and any complications from it. He will make necessary arrangement for her ante-natal, surveillance and delivery.

(d) Pregnant students will be allowed in the Hall of Residence and take part as fully as they may wish in all Hall activities until six weeks before their expected date of delivery when they shall move out of the hall until six weeks after the delivery.

Procedures for Airing Grievances and Seeking redress to them

1. Any student who has grievances to air shall do so to the Secretary or designated Hall Official if the grievances are on matters relating to Halls of Residence, and to the Head of Academic departments, in the case of academic matters. Where the matters are of serious nature beyond the Hall Official, they shall be referred to the Secretary, CPGS. Such grievances shall be put in writing for record purpose.

2. The Vice-Chancellor's office shall be consulted only as a last resort and this must be done through the Head of Department, Dean of the College and Provost, College of Postgraduate Studies.

Boycott of Lectures

Under no circumstances should students boycott lectures. Only the University Senate can decide lecture free days.

Channels of Communications for Student

Where it becomes necessary for any student or group of students of the University to correspond with the University administration on Non-academic matters, it shall always be routed through Secretary of the College of Postgraduate Studies to the Registrar.

CHAPTER TWO

CODE OF CONDUCT FOR STUDENTS

All students must:

- (a) obey the laws and regulations of the University including the matriculation oath;
- (b) respect statutory rights of staff and fellow students. The University will not tolerate students' behaviour that violates the rights of others including, but not limited to harassment, physical abuse, disruption of lectures or official gatherings etc;
- (c) not be rude to the University officials;
- (d) not engage in criminal behaviours such as hemp smoking, sale and distribution of drugs, alcohol, drunkenness, theft and sexual abuse;
- (c) comply with all rules and regulation guiding hostel accommodation;
- (f) not be involved in students' demonstration resulting in the destruction and/or theft of University properties and that of other staff;
- (g) not engage or be a member of, or sponsor any secret cult inside or outside the University;
- (h) not obtain accommodation by fraudulent means;
- (i) not sell or lease University hostel accommodation and any other property for unauthorized activities including religious meetings and social gatherings;
- (j) register for each semester and have not less than 70% attendance to qualify to write semester examinations;
- (k) register and submit course registration forms within the time stipulated by the University authority and must not register on behalf of another student;
- (l) be punctual to lectures/practical/tutorials/workshop /field trips;
- (m) switch off cell phones in the Library, during lecture hours and any other formal gathering including especially devotion and church activities;
- (n) not be involved in any form of examination misconduct including impersonation or aiding or abetting others in doing so.
- (o) not offer money, sex or any other enticement in exchange for higher grades/alteration of records/documents and must not be involved in any form of forgery;
- (p) dress decently and be polite to all staff and the general public;

(q) not do anything to tarnish the image of the University;

(r) not deface University property, and buildings through placement of posters and handbills;

(s) not litter University premises with pieces of paper, polythene bags, water sachets/bottles, food packages, etc;

(t) not walk on or cross lawns;

Examination Offences and Penalties for Students

Students are hereby informed that actions which prejudice the integrity and sanctity of the University examinations shall be considered punishable by appropriate disciplinary measures.

It should be noted that the Redeemer's University is committed to promoting discipline and integrity at all times, including in the University examination system. Students are therefore charged to read and familiarize themselves with the rules, guidelines, offences and penalties as stated below. Full implementation will be enforced by the authorities of the University for any breach of the examination regulations.

Below are the examination offences and prescribed penalties. After a thorough investigation by the Examination Malpractice and Irregularities committee, appropriate penalties will be imposed on anyone found guilty.

1. Impersonation

If a student is discovered impersonating or helping another student to sit for an examination, both the impersonator and the impersonated student shall have committed an offence.

Penalty: Rustication for 2 semesters

2. Assault on Invigilators/Examination Attendant

If a student physically attacks or assaults an invigilator or is involved in any unruly behaviour leading to the disruption of an examination, such a student has committed an offence.

Penalty: Rustication for 2 semesters and Letter of Apology to those concerned

3. Coming to the examination hall with prepared answered sheet/script

A student who comes to the examination hall with prepared answer scripts written on paper, on the body, on clothing, and so on is liable to a penalty.

Penalty: Rustication for 2 semesters

4. Smuggling Question Papers out of Examination Halls

A student caught smuggling question papers out before examinations commence or during examinations has committed an offence.

Penalty: Rustication for 2 semesters

5. Being found in the examination hall with jotted notes

Any student found with jotted notes, cribs or chips on body, under the locker or in the vicinity, writing relevant materials on palms and other places has committed an offence.

Penalty: Rustication for 2 semesters

6. Soliciting for the assistance of fellow students

Any student caught soliciting information or assistance, for example copying, exchange of answer sheets or question papers in the examination hall, has committed an offence.

Penalty: Rustication for 2 semesters

7. Destruction of evidence related to examination misconduct

Any student who destroys evidence related to an examination misconduct has committed an examination offence.

Penalty: Rustication for 2 semesters

8. Spying in the examination hall

Any student caught spying on the work of another student, or cheating on some other student's paper has committed an offence.

Penalty: Letter of warning for first offender

Persistent offender: more serious punishment to be determined by the Disciplinary Committee

9. Failure to appear before Examination Misconduct Panel

A student who fails to appear before the duly constituted Examination Malpractice and Irregularities Committee is subject to disciplinary measure.

Penalty: Expulsion

10. Influencing Invigilators/Examination Officials

If a student is found attempting to gain favour by influencing an invigilator or examination officials through oral, written or other means, the student involved has committed an offence.

Penalty: If backed up with evidence, the student should be sanctioned by Disciplinary Committee.

11. Consulting recommended books or lecture notes

Any student caught consulting recommended books or lecture notes during examinations, except otherwise directed by the Examiner, has committed an offence.

Penalty: Rustication for 2 semesters

12. Unauthorised changing of sitting position

If a student fails to consult the invigilator before changing his/her sitting position, such a student has committed an offence.

Penalty: Letter of warning

13. Refusal to complete Examination Misconduct Forms

Any student who refuses to complete Misconduct Form has committed an offence.

Penalty: Rustication for a minimum of 1 semester

14. Stealing question papers, marking scheme and other examination materials

Stealing of question papers, marking schemes and other examination materials from a University official is a serious offence.

Penalty: Expulsion

15. Re-submission of used materials

Any student who re-submits a test paper, an essay, a report or an assessment for a course after such had already been graded or is being graded has committed an offence.

Penalty: Letter of warning and award of zero for that assessment

16. Coming late into the Examination Hall

If a student comes thirty minutes late after the commencement of an examination, he or she has committed an offence.

Penalty: Without genuine reason, the student is not allowed into the examination hall, and scored zero in that academic exercise; If the student has a genuine reason, he/she is allowed to retake the examination at the next available opportunity without penalty.

17. Aiding and abetting others

Any student caught aiding and abetting others to copy from unauthorized material while examination is in progress has committed an offence.

Penalty: Rustication for 2 semesters

18. Involvement in any form of activity that is related to examination leakage is an offence.

Penalty: Expulsion

19. Disobeying any lawful examination instructions

Any student found disobeying any lawful examination instructions from examination officials while the examination is in progress, such as failure to stop writing or writing before the examination starts has committed an offence.

Penalty: Letter of warning

20. Second Offender

A student who had been issued letter of warning for one Semester or session on account of examination misconduct(s) and is subsequently found guilty of any other offence under examination.

Penalty: Rustication for 1 semester plus the penalty for the offence.

21. False Medical Certificate

Submitting a false medical or other certificate(s) or obtaining such certificates under false pretence for examination purposes is an offence.

Penalty: Rustication for 1 semester.

22. Sitting for examination without qualification

Sitting for an examination for which a candidate is not qualified, such as not meeting the percentage attendance at lecture/practical.

Penalty: The result of the student in the course shall be canceled.

23. Leaving the examination hall without the permission of the Chief Invigilator

Penalty: The student shall be scored zero in the examination.

24. Failure by a candidate to submit his/her answers scripts after taking part in an examination.

Penalty: rustication for 2 semesters

25. Improper behaviour in Laboratory during Examinations

Any behaviour in the laboratory or workshop during examinations, in a manner violating safety regulations or constituting a threat to the safety of others in the laboratory or workshop.

Penalty: Disciplinary measure as recommended by the appropriate Committee

26. Other Examination Misconduct

Other types of examination misconduct/offences not specifically listed above but related.

Penalty: Disciplinary measure as recommended by the appropriate Committee.

SOME RULES AND REGULATIONS FOR STUDENTS**1. Punctuality and Regularity**

Student must be punctual and regular at all lectures and other official programmes which they are expected to attend so that they can participate fully and effectively in such activities.

Since attendances at lectures are compulsory, the University does not condone truancy. In this regard, lecturers are expected to keep accurate attendance of students in every lecture.

2. Plagiarism

This is a serious academic offence and a form of violation of international copyright laws to which Nigeria is a signatory. It is committed by using or taking someone else ideas, words, arts drawing etc., without due acknowledgements as one's own. Students who write term papers, projects, theses, dissertations etc., without due acknowledgement must ensure that they don't plagiarize other people's work as this will attract serious sanctions, including termination from the affected academic programme without prejudice to any court charges that might be instituted against the offender. The College upholds a threshold of 20% plagiarism index and the evaluation is handled by the University Library with Turn-it-in software or any other software approved and certified by the University Library.

3. Robbery and Stealing

Any student accused of robbing or stealing in the University or outside the University will be suspended

immediately from the institution pending the outcome of the investigation by appropriate authorities. Upon conviction, the affected student will be dismissed from the University. An accused that is completely exonerated by a competent authority may be re-admitted but will have to make up for the lost semesters or sessions.

4. Safety of Lives and Property

No student should bring to the University campus or Halls of Residence dangerous weapons such as guns, ammunitions, axes, machetes, fireworks etc. that could cause harm to self and to other members and property of the institution.

CHAPTER THREE

ESTABLISHMENT OF POSTGRADUATE PROGRAMMES

1.0 Accreditation of Programmes

The postgraduate programmes commenced in the 7th year of the university. The university would have gained considerable experience from running the different undergraduate programmes and therefore in better position to articulate the curricula for the postgraduate programmes. Postgraduate Programmes commenced in 2012/2013 Academic Session with National Universities Commission's (NUC) approval for the following programmes in Humanities: Master of Arts, History and International Studies, English and Theatre Arts; in Management Sciences: PGD, MSc, PhD Psychology and Master of Managerial Psychology (MMP); Natural Sciences started with MSc and PhD in Microbiology and Physics as listed in Table 3.1. Subsequently establishment of many other programmes in the various faculties were approved by the NUC. The list of all accredited programmes, including areas of specialization are given below.

FACULTY OF HUMANITIES

Department of English

MA, MPhil, MPhil/PhD, PhD English (Language and Literature)

Areas of specialization

- A. Language Emphasis
 - i. Sociolinguistics
 - ii. Discourse Analysis
 - iii. Syntax
 - iv. Pragmatics
 - v. Stylistics
 - vi. Phonology
 - vii. Corpus Linguistics

- B. Literature Emphasis
 - i. Oral Literature
 - ii. Comparative Literature
 - iii. African Literature
 - iv. African Diaspora Literature
 - v. English Literature
 - vi. World Literature

Table 3.1 Approved Programmes at the Commencement of Redeemer’s University Postgraduate during 2012/2013 Academic Session

S/N	FACULTY	PROGRAMMES		
		POSTGRADUATE DIPLOMA	MASTERS	DOCTORATE
1.	Humanities		1. English 2. Theater Arts 3. History and International Studies	English Theatre Arts
2.	Management Sciences	1. Accounting 2. Management	3. Management with specializations in 4. Accounting 5. Master of Business Administration (MBA)	1. Accounting
3.	Social Sciences	1. Psychology 2. Communication and Media Studies	1. Psychology 2. Communication and Media Studies 3. Managerial Psychology	1. Psychology 2. Communication and Media Studies
4.	Natural Sciences	1. Computer Science	1. Microbiology 2. Physics 3. Environmental and Analytical Chemistry 4. Materials Chemistry 5. Biochemistry 6. Computer Science 7. Statistics 8. Mathematics 9. Molecular Biology and Genomics	1. Microbiology 2. Physics 3. Mathematics 4. Statistics

Department of History & International Studies

PGD, MA, MPhil/PhD, PhD

Areas of specialization

- (a) Comparative Fiscal Federalism
- (b) International Relations
- (c) African History
- (d) Conflict and Conflict Resolution
- (e) Strategic Studies
- (f) Gender and Development Studies
- (g) Economic History
- (h) Social History
- (i) Legal History
- (j) Inter-Group Relations
- (k) Health Diplomacy/ Global Health Governance

Department of Christian Religious Studies and Philosophy

PGD, MA, MPhil, MPhil/PhD, PhD (Christian Religious Studies)

Areas of specialization

- (a) African Traditional Religion
- (b) Biblical Studies, Old Testament
- (c) Biblical Studies, New Testament
- (d) Church History
- (e) Christian Theology
- (f) Philosophy of Religion
- (g) Sociology of Religion
- (h) Social Ethics

Department of Theatre Arts

PGD, MA, MPhil, MPhil/PhD, PhD (Theatre Arts/Film)

Areas of specialization

1. Historicism
2. Drama and Performance Studies
3. Technology/ Scenography and Aesthetics
4. Theatre/ Arts Management
5. Cultural Studies
6. Media Studies
7. Applied Theatre/ Theatre for Development Film Studies

FACULTY OF MANAGEMENT SCIENCES

Department of Accounting

PGD, MSc, PhD (Accounting)

Department of Finance

PGD, MSc, PhD (Finance)

Department of Business Administration and Marketing

PGD, MSc, PhD (Management)

PGD, MSc, PhD (Business Administration)

MBA (Business Administration)

Department of Transport Management

PGD, MSc, PhD (Transport, Transport & Logistic and Supply Chain Management)

FACULTY OF SOCIAL SCIENCES

Department of Behavioural Studies

PGD, MSc, MPhil, MPhil/PhD, PhD (Social Work)

PGD, MSc., MPhil, MPhil/PhD, PhD (Sociology)

MMP (Professional Master's in Managerial Psychology)

PGD, MSc, MPhil, MPhil/PhD (Gender and Development Studies)

Areas of Specialization

- a. Clinical Psychology
- b. Developmental Psychology
- c. Industrial/Organizational Psychology
- d. Social Psychology

Department of Economics

PGD, MSc, PhD (Economics)

Department of Mass Communications

PGD, MSc, PhD (Media and Communication Studies)

Areas of Specialization

- (a) Print Journalism
- (b) Radio/Television and Film
- (c) Advertising and Public Relations**

Department of Political Science

MSc, PhD (Media and Communication Studies)

Areas of Specialization

- (a) International Relations
- (b) Political Economy
- (c) Public Administration and Local Government Studies
- (d) Comparative Politics
- (e) Gender, Politics & Governance
- (f) Conflict, Peace and Strategic Studies
- (g) E-Governance and Cyber Politics

Department of Tourism Studies

PGD, MSc, PhD (Tourism Studies)

Areas of Specialisation

- (a) Sustainable Tourism
- (b) Hospitality Studies

FACULTY OF NATURAL SCIENCES

Department of Biological Sciences

MSc, PhD (Microbiology)

MSc, PhD (Molecular Biology and Genomics)

Areas of Specialisation:

- a) Food Microbiology
- b) Medical Microbiology (Bacteriology, Virology, Mycology)
- c) Environmental Microbiology
- d) Molecular Biology and Genomics

Department of Chemical Sciences

MSc., MPhil, MPhil/PhD, PhD (Chemistry)

Areas of Specialisation

- a) Materials Chemistry
- b) Analytical Chemistry
- c) Environmental Chemistry

Department of Computer Science

PGD, MSc., PhD (Computer Science)

Areas of Specialisation:

- a) Artificial Intelligence
- b) Machine Learning
- c) Data Mining
- d) Data Sciences
- e) Data Communication
- f) Database Systems
- g) Information and Knowledge Management Systems
- h) Mobile Agent Systems
- i) Modelling and Network Management
- j) Software Engineering
- k) Computer Networks
- l) Computer and Network Security

Department Of Mathematics and Statistics

MSc., MPhil, MPhil/PhD, PhD (Statistics)

Areas of Specialisation:

- (i) Survival Analysis
- (ii) Econometrics
- (iii) Statistical Quality Control/ Statistical Process Control
- (iv) Time Series Analysis
- (v) Design of Experiments
- (vi) Sampling Techniques
- (vii) Multivariate Analysis
- (viii) Biostatistics
- (ix) Environmental Statistics
- (x) Computational Statistics
- (xi) Statistical Machine Learning

MSc., MPhil/PhD, PhD (Mathematics)

Areas of Specialisation:

- (i) Algebra
- (ii) Differential Equations
- (iii) Mathematical Modeling
- (iv) Numerical Analysis
- (v) Optimization
- (vi) Fluid Mechanics
- (vii) Topology
- (viii) Functional Analysis
- (ix) Complex Analysis

Department of Physical Sciences

MSc., MPhil, MPhil/PhD, PhD (Physics)

Areas of Specialisation:

- (a) Communication Physics
 - a. Theoretical and Computational/Condensed Matter Physics
 - b. Lower Atmospheric and Space Physics
 - c. Electronic Instrumentation and Measurement
 - d. Renewable Energy Physics
 - e. Radiation & Health Physics
 - f. Solid Earth/Geophysics

FACULTY OF BASIC MEDICAL SCIENCES

Department of Biochemistry

Areas of Specialisation:

- (a) Food and Nutritional Biochemistry
- (b) Molecular Biology
- (c) Biotechnology
- (d) Drug Metabolism and Molecular Toxicology
- (e) Neurobiochemistry and Enzymology
- (f) Computational Biochemistry and Bioinformatics.

2.0 General Information on Postgraduate Degrees

A. Diploma Programme (PGD)

Postgraduate Diploma programme is acceptable in some of our departments. In addition to satisfying the minimum UTME requirements for admission to undergraduate programmes in the University, a candidate may possess any or combination of the following:

- 1) A first degree with at least a 3rd Class Grade in any discipline acceptable to Senate.
- 2) HND with at least lower credit pass in any related field from a recognized institution with at least 2 years post HND experience in the industry.
- 3) Any other qualifications as may be approved from time to time by Senate on the recommendations of the departments.
- 4) All admissions would be subject to the availability of Supervisors.
- 5) Each candidate shall be required to register for a minimum of 24 credit units of course-work and 6 units of research (including the diploma project). Part-time candidate shall register for not more than half the number of units for the full-time equivalent.

Duration of the Programme

The minimum duration for the full-time PGD programme shall be two semesters, while the part-time programme will run for a minimum duration of three semesters.

Classification of the Postgraduate Diploma shall be based on the Cumulative Grade Point Average CGPA, as follows:

i.	Distinction	-	4.50 – 5.00
ii.	Upper Credit	-	3.50 – 4.49
iii.	Lower Credit	-	3.00 – 3.49
iv.	Merit	-	2.00 – 2.99
v.	Fail	-	0.00 – 1.99

B. Masters Degree Programmes

1. Candidates applying for Masters' degree programme must have a minimum of Second-Class Honours (Lower division) in their first degree or 2.4/5.0 in their postgraduate diploma.
2. The duration for full-time Masters Degrees shall be a minimum of 18 calendar months and maximum of 36 calendar months, while part-time will run for a minimum of 27 calendar months and maximum of 54 calendar months.
3. In exceptional circumstances, Senate may grant an extension of time to a candidate on the recommendation of the Faculty Postgraduate Board and the Board of the Postgraduate College. Such extension will not exceed 12 months.
4. Each full-time candidate shall be required to register for a minimum of 24 credit units of course-work and 12 units of research (including dissertation writing). Conversely, part-time candidates shall register for not more than half the number of units for the full-time equivalent.
5. There shall be a written examination in each taught course at the end of every semester. To qualify for examination, the candidate must have attended at least 70% of the lectures in that course.
6. Taught courses shall be externally examined. After the examiners have approved the grades, they shall be passed through the Departmental Postgraduate Board, the Faculty Postgraduate Board, the Board of Postgraduate College and to Senate for approval.
7. Students must successfully complete their required course work before starting research work.
8. For each postgraduate student, there shall be one or two Dissertation Advisor(s) with responsibility for guiding and supervising the students as well as approving all aspects of the dissertation before submission to the College of Postgraduate Studies for external evaluation by an approved External Examiner.
9. All postgraduate students shall submit a dissertation (in the prescribed format) in partial fulfillment for the various degrees they have registered for.
10. There shall be an oral defence of the dissertation, and each student must satisfy his/her examiners in this defence to qualify for the award of the degree.
11. For each postgraduate student, there shall be a Board of Examiners, for dissertation defence, comprising the Dissertation Advisor(s), the External Examiner, a representative of the Postgraduate School, the Head of the Department acting as the Chairman, the Faculty Postgraduate Coordinator, the Department Postgraduate Coordinator and the students' Main adviser.
12. Three copies of the final draft of the dissertation, spiral bound, shall be submitted to the examiners. After the defence, the candidate shall make all necessary corrections and submit

four copies of the properly bound dissertation with certification by the Board of Examiners to the Postgraduate College. The dissertation must be accompanied by plagiarism clearance certificate issued by the University Library.

13. For the award of the degree, candidate shall be required to pass not less than 30 units including all compulsory courses.
14. The Masters degree is classified as shown in Table 3.2. The level of performance of the candidates will be reflected in the calculated weighted average. This is to be reflected in the transcripts of each candidate.

Table 3.2: Classification of MA and MSc. Degree

Less than 50%	Fail
50-54.99	MPhil
55-59.99	MPhil/PhD
60% and above	Proceed to PhD

C. Course Evaluation

Each course shall be evaluated normally on the basis of written examination and continuous assessment. The continuous assessment shall not be more than 30%. The pass mark shall be 50% and above.

The grading system shall be as follows:

% Scores	Grade	Grade point
70 -100	A	5
60 - 69	B	4
50 - 59	C	3
0 – 49	F	0

D. Guidelines for Transition

MPhil Programme

1. A candidate who scores a weighted average of 50% to 54.99% at masters level shall be considered for admission into the MPhil programme.
2. MPhil programme will consist of Course work and MPhil dissertation to be completed within a minimum of one (1) academic session and a maximum of two (2) academic sessions (for a Full-time programme), while the duration for part-time shall be a minimum of three semesters and a maximum of six semesters.

3. The Course work shall be as determined or recommended by the Postgraduate Committee in each Department and Faculty.
4. A candidate shall be required to register for and pass a minimum of 16 Units and a maximum of 22 units, which include 6 units of dissertation.
5. The dissertation shall be examined by an External Examiner following the process as stipulated for the Masters' programme.
6. A candidate shall be considered to have passed MPhil Programme if the candidate obtains a minimum score of 50% and shall be awarded MPhil Certificate.
7. A candidate who obtains 60% in his/her MPhil Degree shall be eligible for admission to PhD.

MPhil/PhD Programme

1. A candidate who scores from 55% to 59.99% at Masters' level shall be considered for admission to MPhil/PhD programme.
2. Such candidate may be required to register for course work as recommended by the Departmental and /College Postgraduate Committee.
3. He/she shall present an acceptable research proposal and preliminary results.
4. The candidate shall undergo a conversion examination to be conducted by an examination panel.
5. The examination panel shall consist of the Head of Department as the Chief Examiner, Department and /Faculty Postgraduate Coordinators, Representative of the College of Postgraduate Studies, Supervisor and Internal-External Examiner.
6. The candidate shall be required to score a minimum of 60% to proceed to PhD.
7. A candidate who fails to meet the required 60% minimum to proceed to PhD shall complete his/her dissertation and be awarded MPhil Degree provided the candidate scored a minimum of 50%.
8. A candidate who meets the requirement to proceed to PhD but fails to proceed within the immediate session shall be required to re-apply.

E. Doctoral Programmes

Some Master and Doctoral Programmes started in year 8 of the strategic development plan of the University. It was expected that some of the Masters graduates would have the potential for careers in teaching and research and this programme would be useful to fully realize this potential. The programme would also provide a source of qualified candidates who will proceed to undertake rigorous advanced research leading to a PhD degree; in addition to being a source of qualified lecturers for the different Departments in the University as well as at other institutions. The objective of the PhD programme is to train researchers of an interdisciplinary

nature in different fields to enable them to carry out teaching, research and professional consultancy services.

A candidate for the degree of PhD shall have one or more advisers who must have a **minimum of three years of post-doctoral research/teaching experience and not below Lecturer Grade 1.**

Designation and Duration

1. A higher degree programme that shall consist of approved course work and or advanced research shall be provided and shall be designated by the letter PhD.
2. The programme can be full-time or part-time.
3. Full-time programme shall be for a minimum of six (6) semesters and maximum of eight (8) semesters from the date of first registration while part-time programme shall be for a minimum of eight (8) semesters and maximum of ten (10) semesters
4. A candidate may apply for an extension of no longer than one (1) year in the event of inability to complete studies on schedule.
5. A candidate's registration shall normally lapse if he/she has not fulfilled the requirements for the award of the degree after 5 years of full time or 6 years of part-time studies

General Admission Requirements

The general requirements for admission to the degree of Doctor of Philosophy of the university are stipulated below:

1. All candidates will normally have completed a Masters degree as a condition for admission. Masters graduates from Redeemer's University are expected to have obtained a minimum Weighted Average score of 60% at the end of the Masters programme to be eligible.
2. Masters graduates from other Senate-approved universities may be admitted provided the degree is comparable to that of Redeemer's University and the candidate's performance during validity interview is judged to be equivalent to minimum of 60% Weighted Average of Redeemer's University.
3. All candidates will follow a structured programme, in the first year of which about half the time will be spent on basic compulsory courses and some specialization courses relevant to their research interest (if required). Each of these courses will be examined at the end of the first year. Also, in the first year students will attend a seminar in research strategy, to help them select appropriate research topic. The aim is to ensure that, midway through the first year every student has a well-chosen and feasible research topic and has been matched with an appropriate advisor. Each student will also be expected to give a research seminar at the end of the year.

4. At the end of the first year, the progress of each student will be reviewed in the light of his/her results in the examinations, seminar performance and advisor's report. Candidates with satisfactory performance level will be judged successful and be permitted to proceed to undertake the approved PhD research work.

5. A progress report is lodged at the CPGS for all PhD students on completion of first year and thereafter every successful year until the programme is completed.

Final Assessment

1. Students must ensure that plagiarism certificate obtained from the University Library and a proof of publication/acceptance of two journal articles indexed in Web of Science or Scopus are enclosed with the thesis.

2. The candidate is expected to make a departmental seminar presentation of his/her work to a gathering of interested members of the community (internal and external). If the Departmental Postgraduate Board is satisfied with the candidate's presentation, he/she shall be requested to submit his/her thesis with the approval of the Main Advisor.

3. Upon the submission of the thesis with the approval of the candidate's Faculty Postgraduate Board, the Provost of the Postgraduate College will constitute a panel of examiners (one external and one internal) to assess the thesis. Upon receiving positive reports of assessment from the examiners, the candidate will be invited for the final defence of his/her thesis by a panel comprising:

- (i) An External Examiners
- (ii) Chairman/Chief Examiner (HOD or his representative)
- (iii) Main Advisor
- (iv) Co- Advisor
- (v) Examiner (Faculty Postgraduate Coordinator or his Representative)
- (vi) A representative of College of Postgraduate Studies
- (vii) An Internal-External Examiner

The degree is awarded upon a successful defence of the thesis and satisfaction of other condition required by the programme.

CHAPTER FOUR

FORMAT FOR ORAL DEFENCE

1.0 Oral Examination for award of Masters/Postgraduate Diploma Degrees

- (i) Where prescribed, all course-work would have been completed and passed prior to consideration of project/dissertation of any candidate.
- (ii) Candidate for the Degree of Masters or Postgraduate Diploma shall be required to submit a Dissertation or a Project Report for the award of the relevant higher degree or diploma upon successful completion of all written examinations.
- (iii) The Departmental Postgraduate Committee shall be constituted and shall consist of all lecturers of Grade II (with PhD) and above. The Committee shall assess the candidate(s) post field report presented as a seminar and determine, among other elements, the **design and execution of the research, relevance and adequacy of literature review, candidate's knowledge of subject matter, literary quality of work, contribution to knowledge, merit of work and general suitability of the work for external assessment.**
- (iv) The approved External Examiner shall be invited to examine the candidate(s) provided there is evidence of full payment of all outstanding fees and registration for the current session by the student.
- (v) The examination panel shall, in addition to the External Examiner, consist of
 - Chairman/Chief Examiner – HOD or his representative
 - Major Advisor
 - Co-advisor(if any)
 - Examiner – College Postgraduate Coordinator or his representative
 - A Representative of CPGS
- (vi) The report of the External Examination (see Appendix IIa) together with the result of the candidates shall be presented to the Postgraduate Board of Examiners in the respective Faculties for ratification.
- (vii) The Dean of the respective Faculties will forward a duly signed report on the results to the Provost, College of Postgraduate Studies for consideration and possible ratification by the Board of Examiners of the College of Postgraduate Studies.
- (viii) This should be accompanied by submission of the fully bonded and certified copies of the dissertation/project report. A plagiarism certificate, issued by the Library, should accompany each report/dissertation. The CPGS would turn down the results of candidates who fail to comply.

2.0 Oral Examination for award of PhD

SECTION A: Guidelines for Oral Examination

- i. Where prescribed, all course-work would have been completed and passed prior to consideration of thesis of any candidate.

- ii. Candidate for the Degree of Doctor of Philosophy shall be required to submit a thesis for the award of the relevant PhD degree and should familiarize self properly with the requirements contained in Section B below.
- iii. The Department Postgraduate Committee shall be constituted and shall consist of all lecturers of Grade I (with PhD) and above. The Committee shall assess the candidate(s) post field report presented as a seminar and determine, among others, **the design and execution of the research, relevance and adequacy of literature review, candidate's knowledge of subject matter, literary quality of work, contribution to knowledge, and merit of the work and general suitability of the work** for external assessment. In addition, each candidate must submit evidence that a minimum of two articles based on his/her thesis has been published/accepted in a journal accredited to be of high quality by the College, on the recommendation of the Department before the thesis is presented for examination.
- iv. Prior to the submission of the thesis for external examination, the candidates shall seek the approval of title and abstract registration (see Appendix IIb) through their College Postgraduate Committee, on the recommendation of the Department, to the College of Postgraduate Studies (CPGS). This approval for title and abstract registration must be accompanied by the Advisors' final Progress Report on the candidate (See Appendix IIc).
- v. The thesis title shall not be more than 20 words, while abstract shall not exceed 500 words and contain no more than 5 keywords.
- vi. No application for title and abstract registration for a PhD degree shall be entertained until after at least 4 semesters of full-time registration or 6 semesters of part-time registration with evidence of full payment of all outstanding fees by the student.
- vii. The application for title and abstract registration should be made on the prescribed College of Postgraduate Studies forms.
- viii. Upon the approval of the title and abstract and completion of the thesis, 6 copies of the duly certified copies of the thesis shall be prepared in temporary binding and submitted through the relevant Department to the College of Postgraduate Studies according to the prescribed procedure. An oral examination shall hold on receipt of positive examiners' reports, including that of External Examiner by the College of Postgraduate Studies. Evidence of having published or acceptance of two journal articles has been submitted to the main advisor should accompany the thesis.
- ix. The examination panel shall consist of:
 - a. Chairman/Chief Examiner – HOD or his representative
 - b. External Examiner
 - c. Major Advisor
 - d. Co-Advisor(s)
 - e. Examiner – College Postgraduate Coordinator or his Representative
 - f. A Representative of CPGS
 - g. An Internal/External Examiner appointed from another relevant Department.
- x. The Chairman of the Panel of Examiners shall submit to the Provost of the College of Postgraduate Studies the final assessment report (See appendix II d) duly signed by all the examiners on the approved form not later than seven working days after the completion of the oral examination except where the examiners cannot agree on a recommendation and are, therefore unable to submit a joint report. Individual examiners may submit separate reports to

the Secretary of the College of Postgraduate Studies, through the Dean of the relevant Faculty, who shall have no discretion on the matter.

- xi. In a case where minor corrections are recommended by the Panel of Examiners, **certification to this effect has to be done within one month from the date of successful oral examination. There shall be no extension of this period. Failure to submit within the stipulated period shall be construed as an indication that the corrections are major and the thesis shall therefore require re-examination which cost shall be borne by the Candidate.** The effective date of the award of the degree shall be the date of the oral examination (if the certified corrected thesis is submitted within a month from the date of oral examination otherwise it will be the date the corrected thesis is submitted to the College of Postgraduate Studies).
- xii. In cases where the Panel is unable to agree on a joint report as indicated in (x) above, the Board of the College of Postgraduate Studies shall exercise its discretion to seek the opinion of an assessor, or assessors from outside the University. Under no circumstances shall this function of the Board be delegated.

SECTION B: Advisors/Mentors, Thesis Advisory Committee, Examination Committee and Defense.

i. Advisor/Mentors

Quality mentorship and research advising are the cornerstones of effective graduate training. Redeemer's University has on its staff, many potential thesis advisors in different areas of interest. The University faculties include many leaders in their respective fields, and the culture of the postgraduate programme is to make these prominent scientists highly accessible to promote excellence in research training. Thus, establishing a good relationship between students and their thesis advisors/mentors is arguably the most critical factor for thesis success. An excellent advisor relationship with students has been invariably linked to outstanding thesis writing. In contrast, poor thesis writing experiences are often linked to poor advisor-student relationships.

We want to advocate and reinforce the capacity of our faculties to be "truly complete mentors". In other words, "individuals who are able to serve as advisors/guides, developers of talent/coaches, opener of doors/advocates, role models, interpreter of organizational or professional rules, protectors, rule setters/bosses" - and carry on all of these functions on a long term basis. Thus, primary thesis Advisors/Mentors will be assigned to students by matching the research interest of the student with that of faculty members in the department where the student is enrolled. A co-advisor/advisor from a different Department in which a student enrolls may be appointed if the research to be embarked upon by the student is multidisciplinary. The assignment/nomination of primary thesis advisors/mentors and co-advisors to students should be done before students start their research work in the laboratory or the field. The primary advisor/mentor and the student, along with the Head of Department where the student is registered, will select two additional faculty members within the University who will serve in

the student thesis advisory Committee (TAC). All these nominations/assignments (Advisors/mentors, Co-advisors and members of the TAC), would be communicated to Provost of the CPGS for approval.

Primary Advisors/mentors are to meet regularly with their advisees in order to assess their progress. (see Appendix IIIi.)

Yearly progress report is mandatory to be submitted to the CPGS.

ii. Thesis Advisory Committee

Organization and functions:

The purpose of the Thesis Advisory Committee (TAC) is to help set research goals and to monitor progress toward the completion of degree requirements. Ordinarily, the TAC is composed of three faculty members (among which is the Head of Department), in addition to the thesis Advisor, who serves in an ex-officio capacity. At least one member must be outside the student's department and at least one member must be part of the College's faculty. All members of the TAC should be PhD holders, and not below Lecturer Grade 1, who are also involved in advising students. Selection of the TAC should be made by the primary thesis advisor in consultation with the student and the Head of Department and communicated to the Provost of the CPGS.

Ordinarily, the TAC Chair will be the Head of the Department where the Student is registered. In situations where a Head of Department is the primary advisor, another professor in the Department or programme or Faculty, is to chair the TAC. The Head of Department and the primary advisors bear primary responsibility for setting up the TAC and ensuring that it meets, every six months to assess student progress. At least three out of four members of the TAC should be present at each meeting. A formal report must be prepared by the Chair after each TAC meeting and filed with the CPGS after each meeting documenting progress to date and recommendations for further work. This report that is signed by all TAC members includes a self-evaluation by the student, feedback from the dissertation/thesis advisor, and recommendations from the TAC committee. Immediate submission of the TAC report is important, not only because potential problems can be remedied quickly, but also the student's registration status is not jeopardized.

The CPGS will subsequently distribute copies of the report of each TAC meeting to students, Department and Faculty Postgraduate Coordinators and Deans of Faculties

The TAC determines when students have met all the research goals toward compliance with the degree requirements and recommends students for defense of their thesis.

The first TAC meeting will focus on the student's thesis proposal as described below:

Students submit written thesis proposals to their respective TAC within six months of successfully completing the validity interview. The TAC and student will meet to discuss the proposal, and committee members will provide the student with feedback, guidance and suggestions to help define the project in terms of scope, direction and general quality. A copy of the thesis proposal should be attached to the TAC report and submitted to the CPGS through the Faculty Postgraduate Coordinator. At this initial TAC meeting, it is not expected that extensive preliminary studies have been completed, but the scope and focus of the thesis research should be defined. A clear plan for completing all of the work required for the PhD thesis within 3-4 years should be presented. While it is understood the plans will evolve over the course of the research, especially since highly creative projects engender some risks and delays of unexpected nature may arise, students are encouraged to strive for this goal. The proposal should include the following sections:

1. Abstract
2. Specific Aims
3. Background and Significance
4. Experimental Design, including data collection/analysis, expected results and interpretations
5. References (author, title, journal, inclusive pages, year)

Organization of the TAC meeting

1. *Student and faculty alternately leave the room.* At each TAC meeting the student shall meet privately with the committee, with the Thesis Advisor out of the room, and vice-versa for the Thesis Advisor, with the student out of the room. This provides an opportunity for both student and advisor to communicate with TAC members on a confidential basis. The meeting will start with the student leaving the room and then the advisor leaving the room upon the students return. In the absence of the student, the advisor will have a chance to present his/her assessment of the student's progress and whether the student is on course to graduate on schedule. The student self-evaluation form should be discussed (this should have been reviewed by the student with their primary advisor prior to the TAC meeting). In the absence of the advisor, the student may likewise communicate his/her own assessment of his/her progress and whether the advisor and the environment provide the support that he/she needs. Again, the student self-evaluation form can help frame this discussion. This is also an opportunity to share

with the committee any other problems of a confidential nature with which the student needs help.

2. *Student presentation.* The main part of the meeting will consist of a 20-40-minute presentation by the student of work done, results and plans. Committee members will typically interrupt the presentation with questions, and the presentation is followed by a discussion of progress and future plans. The advisor should interject minimally so that the student has the opportunity to demonstrate mastery of his/her field and scientific maturity surrounding ongoing and future work. The second and subsequent TAC meetings should include a written 3-page Research Progress Report:

- a. Specific goals: If the aims and objectives have been modified from the original TAC meeting proposal, the revised aims should be presented and the reasons for the modifications.
- b. Studies and Results: The studies directed toward specific goals and the positive and negative results obtained should be presented, as well as any technical problems encountered and how addressed.
- c. Significance: A brief discussion on the significance of the findings to the current state of the research field.
- d. Plans: A summary of plans to address the remaining specific aims/objectives, including any important modifications to the original plans.

3. *Comments/feedback given to student by TAC.* The TAC should comment on student's progress on experimentation and whether it has the potential to lead to two first-author publications. The committee should evaluate the student's ability to think independently, including development of hypotheses, practical approaches for testing hypotheses, critical interpretation of data, understanding relevance of results in the light of current thinking in the field, and judging how to effectively pursue the line of investigation.

4. *Reporting student's progress.* The sub-Dean or a committee at the CPGS will review the TAC meeting report, but confidential concerns of the TAC should be directly communicated if they arise. These communications do not need to be shared directly with the student or thesis advisor, and may be verbal or written.

TAC Oversight for granting the PhD

The CPGS requires each student to complete a body of primary research of publishable quality. At least two first-author research papers in high impact journal are required to attain the degree. These papers might have been published or accepted for publication. In addition, the TAC should evaluate the scientific maturity, independence and original thinking in considering the student's readiness to graduate. When the TAC committee agrees that the student has met the requirements for earning a PhD and is ready to begin writing his/her dissertation, the Committee will "check the box" on the student's TAC meeting form that indicates this. The student's thesis defense must take place within 3-6 months of the date on which the box is checked.

Organization of the Thesis

The PhD thesis is expected to contain a substantial amount of independent research work of publishable quality. In addition to chapters of research, each thesis must contain introduction and conclusion chapters, which presents the themes of the work and summarizes the accomplishments. In some cases, the student might have done all of the work in the thesis. Portions of the thesis may also result from collaborative research. In all theses containing collaborative results, each thesis should indicate concisely who contributed to the work. It is permissible for more than one student to include work from the same collaboration or publication as long as the required attributions are clear, justified, and complete.

Individual chapters can be that of published articles as long as there are comprehensive Introduction and Conclusion chapters written by the student. Use of actual reprints as a chapter is not permissible. A Word document of the published article must be used in place of a reprint as pages in the dissertation must be consecutively numbered. Any thesis that varies significantly from the CPGS guidelines or is not neat and readable will be subject to required stylistic revision before acceptance by the Postgraduate College.

ALL THESES MUST BE SUBJECTED TO PLAGIARISM ANALYSIS USING TURN-IT-IN AND MUST ACHIEVE THE THRESHHOLD OF 20% ACCEPTABLE BY THE UNIVERSITY BEFORE SUBMISSION (a certificate issued from the University Library should accompany submission of bound thesis to the CPGS).

C. Thesis Examination Committee and Defense.

Students preparing to defend their thesis must review the CPGS requirements as outlined in "Format of the Doctoral Thesis".

The Department of enrollment of the PhD student must select at least four Thesis Defense Committee (TDC) members: an examination chair, usually a member of the TAC, and three examiners. The TDC will have to be approved by the CPGS before the examination could hold.

Composition of the Thesis Defense Committee (TDC):

The TDC should consist of 5 members who hold academic positions of Senior Lecturer or higher and will consist of:

- A Chair (often the HOD) who is already a member of the student's TAC. The main role of the chair is to administer the examination and arbitrate any problems that may arise.
- One member (External Examiner) should come from outside of Redeemer's University.
- One examiner outside the Department (Internal-External Examiner)
- One member of TAC
- The Faculty Postgraduate Coordinator
- The Primary Thesis Advisor is in attendance as ex-officio member
- A representative of the College of Postgraduate Studies

The title, time, date and place of the examination will be announced by email to members of the College and publicized throughout the University Community. At least One week before the date of examination, defense members should be sent copies of the thesis for review. If defense committee members foresee problems with the examination, they should contact the chair of the defense committee in advance of the meeting.

As part of the examination, the PhD candidate will present a seminar followed by an oral examination. Attendance at this seminar should be open to interested members of the University community and outsiders hence invitation by e-mail should be widely circulated. Each member of the defense committee will direct questions to the candidate based on their review of the dissertation and presentation of the seminar. The thesis advisors should be present, but they must not participate in the examination (e.g., answer questions posed by the committee) except invited to do so by the External Examiner or the TDC Chair. (Interested member of the audience may also ask questions).

CHAPTER FIVE

FORMAT FOR PROJECT/DISSERTATION/THESIS PRESENTATION

The format highlighted below is to be followed

Title page

Declaration

Abstract

Acknowledgement (optional)

Dedication (optional)

Certification

Approval

Table of contents (including Appendices)

List of figures, Tables, Illustrations, Charts, Maps etc.

Text of Project/dissertation/thesis

References (including endnotes as optional) and/or bibliography (optional)

Appendices (if any)

Plagiarism Certificate

Copies of published or accepted papers from the work, if applicable

Title Page

The title page contains the approved title of the work (not more than 25 words), the name of the University, the degree for which the project/dissertation/thesis is submitted, the full name of the candidate as officially registered and the year when the work is submitted for examination. See Appendices IIIa and IIIb for cover page. See Appendices IIIc and III d for Title page.

Declaration

The Declaration form is signed by the student to allow the University Library to reproduce the project/dissertation/thesis. (See Appendix IIIe)

Abstract

The length of the abstract should not exceed 300 words for PGD project, 400 words the for Masters dissertation and 500 words for PhD thesis. The abstract page shall be numbered in lower case Roman numeral.

It must include the title "ABSTRACT", *the project/dissertation/thesis title, the Candidate's name and a summary of the content and conclusions of the project/dissertation/thesis.* (See Appendix III f.)

The abstract covers the purpose and or problem of the research, the methods, the highlights of results, the significance of the results or findings.

Candidates are asked to indicate at most 5 keywords which best reflect the subject of the project/dissertation/thesis to facilitate retrieval of information under the heading keywords.

Acknowledgements (Optional)

The inclusion of this single page is left to the discretion of the candidate. The acknowledgements page is a record of the candidate's indebtedness and may include acknowledgements of permission to use copyrighted material which appears extensively in the project/dissertation/thesis, research funding, and assistance rendered by specific individuals or organization towards the success of the work.

Dedication (Optional)

Dedication is allowed

Certification

A campus editor is proposed. The proposed Campus Editor will counter-sign the signed declaration form by the candidate and certify that project/dissertation/thesis guidelines, standard format for title page, satisfactory abstract, consistent reference style is included in the project, dissertation or project/dissertation/thesis submitted by the candidate. See Appendix IIIg

Approval

The Advisor, co-Advisor, Head of Department, External examiner and Provost CPGS will sign the approval page (See Appendix IIIh).

Table of Contents

The Table of contents comprises of the Abstract, Acknowledgements, Dedication, Lists of Figures, and Tables, the body of text which are chapters, references and/or bibliography and appendices.

Chapters in the Project/Dissertation/Thesis

The number of Chapters may vary depending on the Faculty or Department. However, the following five chapters may be included:

1. Introduction
2. Literature review
3. Theoretical concept of work/techniques (if applicable)
4. Methodology/Experimental
5. Results and Discussion
6. Conclusion and Recommendation for future/further work

Reference

A single list of References cited appears at the end of the document. The chosen style manual for the format to be used for these entries is as suggested by each Faculty/Department.

Bibliography (Optional)

1. A fundamental rule of good scholarship is that basic research be reliable and correct and all sources of information should be acknowledged.
2. All references whether they be footnotes, endnotes, or bibliographies must conform to certain stylistic requirements. Although the sciences and humanities differ in matters of form, the fundamental principles that govern referencing procedures are the same.
3. Titles of journals when abbreviated in the Reference/Bibliography should be done in an accepted and consistent style.
4. A recommended style manual appropriate to the discipline should be used for the organization of all references.
5. It is expected that each Faculty may adopt the same format except probably Physical Sciences and Biological Sciences where style may differ. The format to be adopted by each Faculty/discipline should be specified in the individual Faculty/discipline guide to their students and be made available to the CGPS.

Appendices

The purpose of an appendix is to accommodate research material which is pertinent to the project/dissertation/thesis but which is not essential to an understanding of the work done by the candidate.

The appendices should be numbered and should form part of the sequence of pages bearing Arabic numerals. Each appendix must have a title descriptive of its contents and a list of Appendices must be included in the Table of Contents.

II. PROJECT/DISSERTATION/THESIS PREPARATION

Length of Project/Dissertation/Thesis

These should be provided by each Faculty. A project/dissertation/thesis submitted for examination shall be in the length approved by the CPGS for the Faculty in which the candidate is registered. A candidate wishing to exceed the prescribed limit must apply for permission to the Postgraduate College Board of Studies through his/her Advisor.

The maximum lengths (pages and words) provided below should serve as a guide. ***These include references, figures, pictures and appendices.***

PGD	-	not to exceed 150 pages
MSc	-	not to exceed 200 pages
MPhil	-	not to exceed 250 pages
PhD	-	not to exceed 300 pages
or		
PGD		not to exceed 50,000 word
MSc	-	not to exceed 70,000 words
MPhil	-	not to exceed 90,000 words
PhD	-	not to exceed 100,000 words

Quotations

Quotations of more than two lines should be set off from the text in single spacing and indented at least four spaces from the left and right margins.

Footnotes/Endnotes

Footnotes should be single spaced and placed at the bottom of the appropriate page. If the references are treated as endnotes, they are to be placed in sequence (by chapter) immediately preceding the bibliography.

Tables, Figures

A table or figure should appear in the text closely following the point where it is first discussed, usually not further than the page following.

Tables and figures should be listed by number, title and page number in the project/dissertation/thesis, and the titles of tables and figures should correspond exactly to the titles which appear in the text.

These lists should be placed after the Table of Contents. Arabic numbers should be used in two separate sequences for the identification of the Tables and Figures.

Pagination

The title page is not numbered or paged in.

The preliminary pages before the start of the body of text must be numbered in lower case Roman numerals. The pages of the text must be numbered in Arabic numerals consecutively throughout the project/dissertation/thesis.

All page numbers, Roman or Arabic, must be in an exact consistent location, the bottom middle of the page.

Each chapter should begin on a new page.

Close attention should be paid by the student to the following criteria:

- a) the text and all illustrative material should be clear and error free;
- b) good quality paper should be used;
- c) margins on each page should be as specified in this guideline.

The Campus Editor certifies the project/dissertation/thesis before binding.

Binding

The Redeemer's University Library will bind all students' projects, dissertation and thesis.

III. FORMATTING THE PROJECT/DISSERTATION/THESIS

The following format should be used for projects, dissertations and theses. Candidates are advised to obtain permission from CPGS for exceptions to the rule.

Spacing

Double line spacing must be used. Single spacing is permitted within long quotations, footnotes, bibliographic items/references, appendix and sub-sections of the Table of Contents. However, between each entry double spacing should be used.

Margins

Margins are defined as the blank space surrounding the printed matter. The mechanics of microfilming/binding require specific margins. The following margins using Microsoft Words should be adopted:

- 1.25 inches or 3.2cm minimum on the left and right
- 1 inch or 2.5cm minimum on the top and bottom
- Page numbers must be placed in a footer, centered, 0.75 inch or 1.8cm from the bottom
- Margin requirements apply to all materials included in the project/dissertation/thesis, including figures, tables, photographs, etc., and all material in appendices
- Margins must be uniform on all pages, including those in landscape orientation and those in large sizes.

Type Fonts

The same type font must be used throughout, i.e., for preliminary pages, body of text, table titles, figure captions, and page numbers. However, approval may be given for a table body, figure, or appendix to be printed in a different font.

- Times New Roman
- 12-point type is ideal for text.
- **The same font size must be used for all text**, including block quotes, lists, and page numbers, **with the following exceptions:**
 - Larger type, up to 16 point, may be used for cover page, Chapter and Appendix designations and titles and the References cited section headings.
- Bold, italics, and underlining may be used in subheadings, tables, figures, and specific words in text, but extensive use should be avoided.
- Use italics (not underlining) for all words that would normally appear in italics (e.g., scientific names, botanical names, non-English words, books and journal titles).

Symbols

Special fonts for languages such as Chinese, Japanese, Sanskrit, Russian, Yoruba, scientific symbol Greek etc and for phonetic pronunciation are allowed within the text but cannot be used exclusively in place of English characters.

Legibility

Spacing, headings, and figure and table styles should be selected for their legibility. A heading or title style that can be confused with the text should not be used.

Referencing Style

Each College is advised to submit the referencing style that will be used by their students, e.g. American Psychological Association (APA), Harvard Referencing Style, e.t.c

CURRICULUM FOR FACULTY OF HUMANITIES

ACCREDITED PROGRAMMES

1. DEPARTMENT OF ENGLISH

MA, MPhil, MPhil/PhD, PhD English (Language and Literature)

2. DEPARTMENT OF HISTORY & INTERNATIONAL STUDIES

PGD, MA, MPhil, MPhil/PhD, PhD

3. DEPARTMENT OF CHRISTIAN RELIGIOUS STUDIES AND PHILOSOPHY

PGD, MA, MPhil, MPhil/PhD, PhD (Christian Religious Studies)

4. DEPARTMENT OF THEATRE ARTS

PGD (Theatre Arts), MA, MPhil, MPhil/PhD, PhD (Theatre Arts/Film)

CHAPTER SIX

DEPARTMENT OF ENGLISH

1.0 PHILOSOPHY

The postgraduate programme in the Department of English is at the Master of Arts (MA), Master of Philosophy (MPhil) and Doctor of Philosophy (PhD) levels. It responds to the dynamic character of English Studies by preparing students to specialise in various aspects of the discipline: Applied English Linguistics, Sociolinguistics of English, Phonetics and Phonology, Corpus Linguistics, Pragmatics and Discourse Analysis, Conversation Analysis, Practical Criticism, Syntax and Grammar, Nigerian Literature and Gender, African Literature, Film Studies, Oral Literature and Creative Writing, etc. The programme aspires to nurture students in the best tradition of humanistic education by facilitating the development of their analytic, critical, creative and linguistic skills, all of which will adequately equip them to function in several environments. The rigour of postgraduate training in English Studies and the diverse skills and competences that it imparts prepare students to operate in job environments as diverse as academia, journalism, advertisement, publishing, public administration, broadcasting, intelligence services, international diplomacy and educational consultancy.

2.0 OBJECTIVES OF THE PROGRAMME

The postgraduate programme in English offers opportunities for students to specialise in English Language or Literature-in-English at the MA and PhD levels. The objectives of the programme are as follows:

1. To train the student in descriptive English linguistics or Literature-in-English at an advanced level.
2. To provide the student with knowledge of the most current theoretical approaches available for English language and literary research.
3. To train the student at the MA level to acquire advanced skills in at least one area of English language or Literature-in-English preparatory to doctoral research and specialisation.
4. To train the student to appreciate the linguistic, literary, social, and cultural dynamics of English language and Literature in a multilingual/multicultural nation like Nigeria.
5. To equip the interested student with knowledge of how to interpret what he/she would learn on the programme.
6. To train the student in the acquisition of skills required for the conduct and presentation of independent research in English Language and Literature.
7. To train personnel for the department of this University and other tertiary institutions in the country.

3.0 AREAS OF SPECIALISATION

Candidates for the MA or PhD programme may specialise in any of the following general areas:

- (a) English Language
 - (i) Applied English Linguistics
 - (ii) Sociolinguistics of English
 - (iii) Phonetics and Phonology
 - (iv) Corpus Linguistics
 - (v) Pragmatics and Discourse Analysis
 - (vi) Conversation Analysis

- (vii) Practical Criticism
 - (viii) Syntax and Grammar
 - (ix) Linguistic Theories
- (b) Literature in English (drawn from any of the major genres)
- (i) Comparative Literature
 - (ii) Oral Literature
 - (iii) Nigerian Literature
 - (iv) Popular Culture and Performances Studies
 - (v) Literature of Black Diaspora
 - (vi) Literature and Gender
 - (vii) African Literature
 - (viii) Film Studies
 - (ix) Creative Writing
 - (x) Literary Theories

4.0 THE MASTER OF ARTS PROGRAMME

4.1 ADMISSION REQUIREMENTS

Candidates for admission to the MA programme in English must have Five (5) O'Level credit passes including English and Literature-in-English in not more than two sittings as a basic requirement. They should be graduates of English (BA), English Education (BA.Ed) and Linguistics (English), with a minimum of Second Class (Hons) Upper Division from universities recognised by the Senate of Redeemer's University. However, candidates with a Second Class (Hons) Lower Division may be considered under specific terms from time to time.

4.2 DURATION OF THE PROGRAMME

All candidates are required to register as full-time students. The programme would run for a minimum period of eighteen months (three semesters) and not longer than thirty-six months (six semesters).

4.3 STRUCTURE OF THE PROGRAMME

The course content of the MA programme consists of 12 courses (8 compulsory and 4 optional), a Seminar Presentation and an MA Dissertation. Each course is of one-semester duration and is assigned three units. Students are expected to take four compulsory courses and at least two optional courses in each of the first and second semesters. The two optional courses in each semester comprise one from the students' unit and one from another unit in the department. In the third semester, students are expected to present a seminar and write an MA dissertation, which are assigned 3 and 6 units respectively and are compulsory. Altogether, the programme carries a minimum total of 39 units.

4.4. GRADUATION REQUIREMENTS

A candidate must fulfil the following conditions to be awarded an MA English Degree:

- (i) Register for and pass a minimum of 30 credit units of coursework
- (ii) Present a seminar paper in the third semester (3 units).
- (iii) Submit an MA Dissertation (6 units)

4.5 COURSE REQUIREMENTS

A. ENGLISH LANGUAGE COURSES

COMPULSORY COURSES (FIRST SEMESTER):

ENG 801:	Advanced English Phonology and Phonetics	3 units
ENG 803:	Advanced English Grammar and Usage	3 units
ENG 805:	Advanced Semantics of Modern English	3 units
ENG 809:	Advanced Research Methods	3 units

OPTIONAL COURSES: CHOOSE ONE ONLY (FIRST SEMESTER)

ENG 807:	Corpus Linguistics	3 units
ENG 811:	Psycholinguistics	3 units
ENG 813:	Semiotics	3 units
ENG 815:	Studies in Translation	3 units
ENG 817:	Contrastive Linguistics	3 units

COMPULSORY COURSES (SECOND SEMESTER):

ENG 802:	Studies in English Stylistics	3 units
ENG 804:	Studies in Sociolinguistics	3 units
ENG 806:	Studies in Discourse Analysis	3 units
ENG 808:	Studies in Nigerian English	3 units

OPTIONAL COURSES: CHOOSE ONE ONLY (SECOND SEMESTER)

ENG 810:	Applied English Linguistics	3 units
ENG 812:	Advanced English Morphology	3 units
ENG 814:	Special Topics in the Grammar of English	3 units
ENG 816:	Special Topics in the Phonology of English	3 units
ENG 818:	Studies in Pragmatics	3 units
ENG 820:	The Study of English as a Second Language	3 units
ENG 822:	The Language of African Literature in English	3 units
ENG 824:	Advanced Studies in the Varieties and Function of Present Day English	3 units
ENG 826:	Studies in Bilingualism and Multilingualism	3 units
ENG 828:	Linguistic Theories and the Study of Modern English	3 units

*In addition to the optional courses in Language Unit, MA English (Language) students are required to register for at least one optional course from the Literature Programme in each semester.

COMPULSORY COURSES (THIRD SEMESTER):

ENG 897:	MA Seminar	3 units
ENG 899:	Dissertation	6 units

B. ENGLISH LITERATURE COURSES

COMPULSORY COURSES (FIRST SEMESTER):

ENG. 851:	Trends in Literary Theory and Criticism	3 units
ENG. 853:	Advanced Studies in African Drama	3 units
ENG. 855:	Studies in Modern Nigerian Literature	3 units
ENG. 809:	Advanced Research Methods	3 units

OPTIONAL COURSES (FIRST SEMESTER)

ENG 857:	African American Poetry	3 units
ENG 859:	Contemporary Literature by African and African Diaspora Women Writers	3 units
ENG 871:	Major Nigerian Writers	3 units
ENG 873:	Twentieth Century Literature	3 units
ENG 875:	Advanced Studies in the Bible as Literature	3 units
ENG 877:	Contemporary English Fiction	3 units

COMPULSORY COURSES (SECOND SEMESTER):

ENG. 852:	Studies in African-American Literature	3 units
ENG. 854:	Advanced Studies in African Prose	3 units
ENG. 856:	Studies in Caribbean Literature	3 units
ENG.858:	Advanced Studies in African Poetry	3 units

OPTIONAL COURSES (SECOND SEMESTER)

ENG. 802:	Studies in English Stylistics	3 units
ENG. 860:	English Romantic Literature	3 units
ENG. 862:	African American Novel	3 units
ENG. 864:	Eighteenth Century Literature	3 units
ENG. 866:	Contemporary English Poetry	3 units
ENG. 868:	Modern English Drama	3 units
ENG. 870:	Nineteenth Century Literature	3 units
ENG. 872:	Literature and the Other Media	3 units
ENG 874:	World Literature	3 units
ENG 876:	Postcolonial Literature	3 units

*In addition to the optional courses in Literature Programme, MA English (Literature) students are required to register for at least one optional course from the Language Unit in each semester.

COMPULSORY COURSES (THIRD SEMESTER):

ENG 897:	MA Seminar	3 units
ENG.899:	Dissertation	6 units

Summary of credit units for the Master's Programme is as follows:

Semester	Compulsory	Elective	Total
First	12	6	18
Second	12	6	18
Third	9	-	9
Total	33	12	45

5.0 MASTER OF PHILOSOPHY (MPhil)**5.1 ADMISSION REQUIREMENTS**

Candidates for admission to the MPhil programme in English will normally be a Master of Arts degree graduate in English who scored between 50 and 54.9% in the MA programme from Redeemer's University or universities that are recognised by the Senate of Redeemer's University.

5.2 GRADUATION REQUIREMENTS

The MPhil programme consists of coursework and an MPhil dissertation to be completed within a minimum of one academic session and a maximum of two academic sessions. The coursework shall be determined or recommended by the Postgraduate Committee of the department. A candidate shall be required to register for and pass a minimum of 18 units and a maximum of 21 units which include 6 units of dissertation. The dissertation shall be examined by an External Examiner following the process as presented for Master's programme. A candidate shall be considered to have passed the MPhil programme if they obtain a minimum score of 50% and shall be awarded an MPhil certificate. A candidate who scores 60% in their MPhil degree shall be eligible to apply for a PhD.

5.3 COURSE REQUIREMENTS

A. MPHIL IN ENGLISH (LANGUAGE EMPHASIS)

FIRST SEMESTER		UNITS	STATUS
ENG. 807:	Corpus Linguistics	3	E
ENG. 815:	Studies in Translation	3	E
ENG. 897:	Seminar Presentation	3	C
SECOND SEMESTER			
ENG. 814:	Special Topics in Grammar	3	E
ENG. 818:	Pragmatics	3	E
ENG. 899:	Dissertation	6	C
Total		21	

B. MPHIL IN ENGLISH (LITERATURE)

FIRST SEMESTER		UNITS	STATUS
ENG. 851:	Trends in Literary Theory and Criticism	3	E
ENG. 855:	Studies in Modern Nigerian Literature	3	E
ENG. 897:	Seminar Presentation	3	C
SECOND SEMESTER			
ENG. 854:	Advanced Studies in African Prose	3	E
ENG. 858:	Advanced Studies in African Poetry	3	E
ENG. 899:	Dissertation	6	C
Total		21	

NOTE: A candidate may be asked to take some course(s) in place of the above courses if it is observed that such a candidate is weak in other course(s) other than the ones listed above.

6.0 MPhil/PhD and PhD PROGRAMMES

6.1 ADMISSION REQUIREMENTS

Candidates for admission to the PhD programme must possess a good Master's degree in English Language or Literary studies from a recognised university, with a CGPA not below 3.5 on a five-point scale or 60%. Candidates who do not make up to 60% will be required to register for the MPhil/PhD programme.

6.2 DURATION OF THE PROGRAMME

The PhD programme is of two modes: full-time and part-time. The Full-Time PhD Programme would run for a minimum of six semesters and a maximum of eight semesters. The Part-Time PhD Programme would run for eight semesters and a maximum of ten semesters. A candidate may apply for an extension of no longer than one (1) year in the event of inability to complete studies on schedule. A candidate's registration shall normally lapse if he/she has not fulfilled the requirements for the award of the degree after 5 years of full-time or 6 years of part-time studies.

6.3 GRADUATION REQUIREMENTS

MPhil/PhD candidates must present a research proposal for grading and must score a minimum of 60% before preceding to the PhD programme. Otherwise, the MPhil Degree would be awarded upon the submission of a thesis. This thesis should be examined following the procedure of a Masters's Dissertation. To be awarded the PhD degree in English, a candidate must have taken and passed the prescribed number of courses as follows:

Core Courses -	12 units
Seminars -	6 units
Thesis -	9 units
Total	27 units

Besides, the candidate must write and submit a thesis under an advisor in the department whose qualifications are not below the position of Senior Lecturer. The thesis must be defended before an external examiner nominated by the department and appointed by Senate for that purpose. Every PhD candidate must have published two papers in recognised/international peer-reviewed journals before they are allowed to take the oral defence.

6.4 COURSE REQUIREMENTS

A. PHD ENGLISH LANGUAGE COURSES

FIRST SEMESTER COURSES:

ENG 901:	Advanced Linguistic Theories and Present Day English	3 units
ENG 903:	Advanced Studies in Bi/multilingualism	3 units
ENG 905:	Doctoral Seminar I	3 units
Total score		9 units

SECOND SEMESTER COURSES:

ENG 902:	Applied Linguistics in English	3 units
ENG 904:	Academic Writing and Publishing	3 units

ENG 906:	Doctoral Seminar II	3 units
Total score		9 units
Total score for both Semesters		18 units
Doctoral Thesis		9 units
Total Required		27 units

B. PhD LITERATURE COURSES

FIRST SEMESTER COURSES:

ENG 951:	Methods and Techniques of Critical Discourse	3 units
ENG 953:	Advanced Literary Theories	3 units
ENG 955:	Doctoral Seminar I	3 units
Total score		9 units

SECOND SEMESTER COURSES:

ENG 952:	Literature and Ideas	3 units
ENG 904:	Academic Writing and Publishing	3 units
ENG 956:	Doctoral Seminar II	3 units
Total score		9 units
Total score for both Semesters		18 units
Doctoral Thesis		9 units
Total Required		27 units

NOTE: Doctoral Seminar I & II signify pre-field and post-field seminars respectively, which may be presented at any semester within the period of the PhD programme.

7.0 COURSE DESCRIPTION

7.1 MASTER OF ARTS

A. ENGLISH LANGUAGE COURSES

COURSE CODE/UNIT/ ¹ STATUS	COURSE DESCRIPTION
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ENG 801; 3/C	<p>Advanced English Phonology and Phonetics</p> <p>The provision of theoretical grounding in modern English phonology as well as practical training in English phonetics is the objective of this course. Aspects of phonology to be covered include: the phonological units of English; the phoneme theory; classical phonemics, generative phonology and phonological processes. The practical aspects of the course include: mastery of transcription skills (broad and narrow) involving spoken and written texts; prosodic analysis; reading of transcribed passages and acoustic analysis.</p>
ENG. 802; 3/C	<p>Studies in English Stylistics</p> <p>This course studies the various theories of style, particularly literary stylistics and linguistic stylistics and the application of these theories for the analysis of English text types, particularly literary/non-literary. Topics to be covered include: the problems of style; norm and deviation; foregrounding; linguistic theories and stylistics; stylistics in the study of African literature in English; and stylistics and language teaching.</p>
ENG.803;3/C	<p>Advanced English Grammar and Usage</p> <p>This course focuses on the detailed studies of various aspects of the grammar of English: grammatical units, grammatical categories and grammatical topics in English grammar using the traditional/structural approach. A detailed study of the functions and structure of noun and adverb phrases, adjuncts, clauses and sentences. General principles of lexicology will be discussed.</p>
ENG. 804; 3/C	<p>Studies in Sociolinguistics</p> <p>This course examines at a deeper level the relationship between language and society, and explores language diversity within and across speech communities. It focuses on differences in speech and various social contexts, the social functions of language and how language conveys social meaning. Topics to be covered include: methods of sociolinguistic data; language variation; language change; style-shifting; attitudes toward language; multilingual societies; language planning; and language and gender.</p>
ENG. 805; 3/C	<p>Advanced Semantic of Modern English</p> <p>The aim of this course is to expose the student to the problems of meaning of English from the linguistic, philosophical, and cognitive perspectives. The course will examine the various descriptive approaches to meaning in English texts. In addition to the traditional concepts of semantics, the course will examine entailment, activity, modality, the semantics of predicates, and the relationships between sentence and proposition, sentence and utterance meaning, syntax and semantics, morphology and semantics and cognition and semantics.</p>

ENG. 806; 3/C	<p>Studies in Discourse Analysis</p> <p>The course examines at a deeper level the way-structuralist theories inform the analysis of natural language texts in English, spoken and written. The course also identifies the systems and patterns within discourse and to relate these features to the contexts in which texts are produced. Topics to be covered include: formal aspects of discourse; functional aspect of discourse; discourse connections; discourse types; discourse styles; conversational analysis; critical and multimodal discourse analysis.</p>
ENG 807;3/E	<p>Corpus Linguistics</p> <p>This course exposes students to the field of corpus linguistics which is concerned with the employment of authentic language data which have been stored in extensive computer corpora as the basis for linguistic research. It explores the history of this method of linguistic analysis as well as types of corpora and types of corpus analytic toolkits. It examines the interaction between corpus linguistics and other linguistic fields such as phonology, morphosyntax, lexico-semantics, sociolinguistics, stylistics and discourse-pragmatics. Attention will be paid to the International Corpus of English-Nigeria and any other corpus which involves Nigerian English such as the Globe Corpus.</p>
ENG. 808; 3/C	<p>Studies in Nigerian English</p> <p>Studies in Nigerian English is a dialectal investigation of varieties of Nigerian English. Topics include: problems of defining Nigerian English; history and status of English in Nigeria; phonological, lexico-semantic, and syntactic variation in Nigerian English; standard and non-standard Nigerian English; sociolectal variation in Nigerian English; grammaticality, intelligibility and acceptability; pidgin and Nigerian English.</p>
ENG. 809; 3/C	<p>Advanced Research Methods</p> <p>This course will train graduate students in current approaches to research: data collection and processing procedures; library research; appropriate bibliographical entries; referencing, including quotations and paraphrase; writing term papers, seminars, articles, thesis and dissertations. The techniques of editing and proof-reading will also be discussed.</p>
ENG 810; 3/E	<p>Applied English Linguistics</p> <p>The course discusses topics like error analysis, language testing, syllabus design, production of teaching materials, second language acquisition, language use in literary texts, contrastive analysis and its pedagogical applications. The course also explores problems in the teaching of literature in secondary schools and English for Specific Purposes.</p>

ENG. 811; 3/E	<p>Psycholinguistics</p> <p>It explores the relationship between language and mind: language acquisition and learning; language, thought and cognition; language and the brain; language localisation; linguistic performance and behaviour, production and comprehension; language impairment. IT examines the relationship between psycholinguistics and other areas of linguistic studies.</p>
ENG 812; 32/E	<p>Advanced English Morphology</p> <p>The course is meant to show why morphology is essential to the English Language. The following will be studied in detail: Word, form and lexeme; Lexical and inflectional morphology, morpheme and allomorph. Morphological processes: inflectional morphology and syntax; Derivational morphology and syntax: procedures in determining the meanings of morphemes: Morphology and Generative Grammar.</p>
ENG. 813; 3/E	<p>Semiotics</p> <p>A study of the science of signs and sign system spanning the logical and functional aspects of onomastics, kinesics, proxemics, chronemics, and how they interact with language, culture, and society. The science of power and power of signs in social practice and the role of the news media, especially the internet in reinventions and uses of signs. Various aspects of semiotics such as socio-semiotics and multimodality will be studied.</p>
ENG.814; 3/E	<p>Special Topics in the Grammar of English</p> <p>The course focuses on an in-depth study of a specific approach to, or theory of, English syntax, such as systemic-functional grammar. However, choice of topics will be dictated by the kind of specialization of the staff involved or based on the interests of students in the programme.</p>
ENG. 815; 3/E	<p>Studies in Translation</p> <p>It is a study of translation as a linguistic process which has implications for social and cultural relationships. It addresses theories and practice of translation; types of translation (literal, free, word-for-word, simultaneous, total, restricted translations; context and translation; ideals in translation; fidelity versus transparency; computer-assisted translation. It examines various areas of translation such as translation history, sociology of translation, postcolonial translation studies, ethics of translation, translation and gender studies, and translation technologies.</p>
ENG. 816; 3/E	<p>Special Topics in Phonology of English</p> <p>The course focuses on the principles of phonological analysis with emphasis on particular theoretical models of phonology which adequately account for the</p>

	description of specific aspects of English phonology.
ENG. 817; 3/E	<p>Contrastive Linguistics</p> <p>Explores the roles to contrastive analysis in second language acquisition, its history and criticism. Theories and concepts such as language transfer, error analysis and interlanguage will be studied. Focus will be on English and selected mother tongues in Nigeria with a view to identifying their structural differences and similarities.</p>
ENG. 818; 3/E	<p>Studies in Pragmatics</p> <p>The course considers in detail and at an advanced level the cardinal features of everyday language use which are of particular importance in the analysis of pragmatics in English. Topics to be covered include: deixis; speech acts; theory of conversational implicature; relevance theory; presupposition; politeness phenomena; speech events; the relationship between pragmatics and conversation; the nature of pragmatic investigation; and collecting data for pragmatic investigation.</p>
ENG. 820; 3/E	<p>The Study of English as a Second Language</p> <p>The course focuses on an introduction to the psychology of language learning and the general theories of first language acquisition, behaviourism, mentalism, language acquisition device, second language learning and individual variation in language learning performance; language aptitude and motivation; implications for learning English as a foreign language as well as learning English as a second language. Studies in the acquisition of English as a second language in Nigeria will also be examined.</p>
ENG. 822; 3/E	<p>The Language of African Literature in English</p> <p>The course examines the linguistic and stylistic characteristics of selected genres of African literature, specifically the linguistic and stylistic features which distinguish African literature from the traditional linguistic canons of English literature. Emphasis will be placed on the linguistic devices employed by prominent West African, East African, and black South African bilingual creative writers to contextualize the English language in their respective cultures. Topics include: the bilingual's creativity; African writers' and critics' attitudes towards English; code-mixing and code-switching; translation equivalents; kinship terms; and nativization strategies.</p>
ENG. 824; 3/E	<p>Advanced Studies in the Varieties and Functions of Present-Day English</p> <p>The course focuses on the variety and function differentiation in English: regional, social and stylistic variation in English: written and spoken varieties: native speaker versus non-native speaker standards of English; common core English; literary versus technical English. Functions of present-day English will focus on usage</p>

	varieties and their characteristics. Formal versus conversational English and the problems of the user of English as a second language. The course will also examine English as a second language and the problems of usage in literary writings and communicative competence; and communicative intent and socio-cultural constraints in the emergence of local varieties of English.
ENG. 826; 3/E	Studies in Bilingualism and Multilingualism Concepts and theories of bilingualism/multilingualism; measurement of bilingualism; acquisition, learning and use of bilingualism; challenges, opportunities and constraints of bilingualism/multilingualism; bilingualism and national development; language policy and planning in a bilingual/multilingual state; effect of globalization, modernization and hybridization on language use in a bilingual/multilingual community.
ENG. 828; 3/E	Linguistic Theories and the Study of Modern English A review of major theoretical concepts in linguistics, from classical (traditional) through structural and systemic to transformational-generative theories and how these have been variously applied in the description of English will be carried out. Linguistic theories and approaches (behavioural approach, innateness approach) to the acquisition of English as a first and second language will be discussed.
ENG 897; 3/C	MA Seminar A student shall present a seminar related to his/her Master's project and this should be well-researched and presented before the Departmental Board with other postgraduate students in attendance. The score for the seminar will be based on both content and presentation. A student will not be allowed to present his/her seminar if he/she does not attend other seminars.
ENG. 899;6/C	M.A. English Language Project The M. A. English language project shall be an original essay in a specific area of interest of between 10,000 and 15,000 words in length. The project will focus on any aspect of the English language which demonstrates the candidate's familiarity with, and understanding of, the current developments and techniques in the chosen area of research. Topics, which should be as much as possible relevant to the Nigerian situation, may be on any aspect of English linguistics – phonology, grammar, morphology, semantics, discourse analysis, stylistics or applied English linguistics. Models and methods of analysis will be determined by the nature of the chosen topic.

B. LITERATURE COURSES

COURSE CODE/UNIT²/ STATUS	COURSE DESCRIPTION
ENG. 809;3/C	<p>Advanced Research Methods</p> <p>The course will train graduate students on current approaches to research: data collection and processing procedures; library research; appropriate bibliographical entries, referencing, including quotations and paraphrase; writing term papers, seminar papers, articles, theses and dissertations. The techniques of editing and proof-reading will also be discussed.</p>
ENG 851; 3/C	<p>Trends in Literary Theory and Criticism</p> <p>This course examines the emergence and development of literary theory and criticism, as well as the main themes of literary criticism from their early formulations in classical times until the twentieth century. It will hinge on the emergence of the themes of literary criticism in Greek philosophy, Medieval commentary to movements in literary critical thought from Neoclassicism, Romanticism, Marxism, Freudianism and Modernism concentrating on critics such as I. Richards and Northrop Frye, and Existentialism through the eyes of critics such as Jean-Paul Sartre. Further, the course will examine such theories as Structuralism and Deconstruction as propounded by the likes of Levi Strauss and Jacques Derrida. Finally, the course will engage in critical discussion of terms such as Postmodernism and Perspectivism.</p>
ENG. 852;3/C	<p>African American Literature</p> <p>The course will examine the body of literature produced in the United States by writers of African descent. The genre traces its origins to the works of such late 18th century writers as Phillis Wheatley and Olaudah Equiano, reaching early high points with slave narratives and the Harlem Renaissance, and continuing with authors such as Toni Morrison, Maya Angelou and Walter Mosley. Among the themes and issues that will be explored are the roles of African-Americans within the larger American society, African-American culture, racism, slavery, and equality, oral forms such as spirituals, sermons, gospel music, blues and rap.</p>
ENG 853; 3/C	<p>Advanced Studies in African Drama</p> <p>The course encourages the students to do an in-depth study of the works of a selected African playwright, examining the contribution of such writers to the development of African dramatic literature using the medium of the English Language. Ideological issues such as feminism, dialectics, and commitment could be examined.</p>
ENG. 854;3/C	<p>Advanced Studies in African Prose</p> <p>This course will look at the genres, forms and functions of the African prose. Through a detailed, topics that border on the development and the rise of the prose literature in Africa, regional peculiarities, popular fiction, the autobiography, the characteristics and stylistic features of the African prose,</p>

	the emergence of female writers in the genre in Africa and issues in criticism will be discussed.
ENG. 855;3/C	Studies in Modern Nigerian Literature This course is an intensive bibliographical, critical and interpretive study of works by modern Nigerian writers from the 1950s to the present. Writers/literature to be studied will include new Nigerian writers.
ENG. 856;3/C	Studies in Caribbean Literature The course examines the literature of the former British West Indies of various territories often referred to as Anglo-Caribbean or, as in historical contexts the Caribbean. Many of these territories have become independent nations since the 1960s, though some still retain colonial ties to the United Kingdom. Topics such as the development of the idea of West Indian literature, “natural” literature, questions of identity, and the Caribbean diaspora will be discussed. Writers like Derek Walcott, V. S. Naipaul, Earl Lovelace, and a host of others will be studied.
ENG 857;3/ E	African American Poetry The course is an intensive study of African American poetry from its beginning to the present with considerable attention given to poets of the sixties and seventies. Poets to be discussed include Terry Hammon, Wheatly, A.A. Withman, Braithwaite, Georgia, Douglas, Mckay, Cullen, Cuney, Hughes, Walker, F.M. Davis, Brooks, Brown, Hayden, Tolson, Lee, Reed, Giovanni, Angelou, Sanchez, Redmond, Fabio, Fields and Baraka.
ENG 858;3/C	Advanced Studies in African Poetry The course encourages and guides the student into doing an in-depth study of the works of a selected African poet, examining the contribution of such writers to the development of African poetry in particular and the emergence of what has now become known as African poetry. Ideological issues such as feminism, dialectics, and commitment will be studied in order to assess the relevance of poetry in the emergence of a global society.
ENG 859; 3/E	Contemporary Literature by African and African Diaspora Women Writers This course examines contemporary literary texts by black women globally, including Africa, America, the Caribbean and Europe, with a view to understanding, among other things, issues they share in common.
ENG. 860;3/E	English Romantic Literature The basic goal of the course is to capture the distinctive complexion of the English Romantic movement and the social and political milieu that gave birth to the new breed of writing known as romanticism starting from the incidence.
ENG. 862;3/E	African American Novel This course is an intensive bibliographical, critical, and interpretive study of novels by major African American writers. Novelists emphasized include Dunbar, Chesnutt, Toomer, Mackay, Larsen, Huston, Fauset, Wright, Ellison, Baldwin, Walker, Brooks, Petry, Gaines, Mayfield and Morrison.
ENG 864;3/ C	Eighteenth Century Literature

	<p>The course will employ drama and poetry to look at the forms and functions and survey the principles of satire, invective, comedy, farce and burlesque for highlighting major literary innovations of the era, particularly placing emphasis on the scope of aesthetic and moral commitment or seriousness in the literature of this age.</p>
ENG. 866;3/E	<p>Contemporary English Poetry This course will highlight the poetic achievements of British poets since World War II using T. S. Elliot and other “moderns” as background. It focuses on aesthetic and moral ideas, examining some knowledge of important features of contemporary history with the intent of commenting on reaction to artistic, scientific and technological fashions of recent times which aid these writers in making themselves comprehensible and relevant to their immediate readers.</p>
ENG 868; 3/E	<p>Modern English Drama Concentrating mainly on essential and social revolt drama which evolved after the World War II, the course studies the form and function of modern drama, examining emerging trends in drama such as modernism, postmodernism, the Epic Drama, Absurdism, Realism, Surrealism, Expressionism, among others. The course presents a detailed structural analysis of major plays from Ibsen to Beckett analyzing them against their historical and intellectual backgrounds. The selection of plays will include representative works from the dramatists such as Ibsen, Chekhov, Shaw. O’Neil, O’Casey, Synge, and Brecht paying special attention to political, economic, and social developments within English society which determined the changing literary content and sensibility as well as the role of these emerging types in the development of the literary genre known as modern drama.</p>
ENG 970 ;3/ E	<p>Nineteenth Century Literature This course examines the form and function of nineteenth century literature, particularly in the area of prose; such topics as Romantism, the Victorian Age and the emergence of the Literature Manners, Gothic Novels, Children’s Writing, Social Problem Literature and Women’s Writing will be examined in-depth citing examples of prominent writers of the century such as Jane Austen, the Bronte Sisters, Charles Dickens, George Eliot and their contemporaries.</p>
ENG. 871;3/E	<p>Major Nigerian Writers This course is an intensive bibliographical, critical and interpretive study of works by major Nigerian writers. Writers to be discussed will vary and will include Amos Tutuola, Chinua Achebe, Wole Soyinka, Gabriel Okara, J.P.Clark, Niyi Osundare, Femi Osofisan, Tanure Ojaide, Flora Nwapa, Buchi Emecheta among others.</p>
ENG872 ;3/E	<p>Literature and the Other Media This course examines the relationship which obtains between literature and media such as film, radio, television and the internet via a philosophical analysis of the communicative models and functions. The significance and relevance of these aesthetic forms in a materialistic society will be evaluated as well as the relevance of literature to the emergence of the communicative media in a globalized world that is geared towards mass communication and</p>

	ICT.
ENG. 873;3/E	<p>Twentieth Century Literature</p> <p>The course examines prose, poetry, and drama written in English in the 1900s. Considering this period as one of great artistic change which affected both themes and methods of writing, the course examines factors for the increase in its readership. Starting from the early 20th-century, the course examines works which approach World War I concept and the questioning nature of the 20th century, which began by doubting the principles on which the Victorians had based their social code leading to uncertainty and complexity reflected in the genre of that century, Such topics as the impact of World War I, Modernism, emerging trends in the mid 20th century and after World War II, Communist ideology, Post-war writings, women’s writings and late 20th-century writing will be examined.</p>
ENG. 874;3/E	<p>World Literature</p> <p>This course is to introduce World Literature as a growing field of inquiry in literary studies, which originally emerged in the multicultural American environment, and seeks to eliminate the boundaries of specificity of culture, nationality, history and ethnicity in making the best of literary works in English available in English translation. Proceeding from engaging such relevant conceptual and theoretical issues as comparative literature, the cultural specificity of literary reference, and the interference of translation in the transmission of literary masterpieces across cultural and linguistic boundaries, the course seeks to expose students to diverse literary traditions, in both preoccupation and artistry, which different national and cultural experiences have contributed to world letters. It specifically aspires to map the distinctive contributions of various civilisations to the making of a rich and versatile world of letters by paying attention to selected canonical texts in English translation for close reading.</p>
ENG. 875;3/E	<p>Advanced Studies in the Bible as Literature</p> <p>The course examines the three primary modes of writing that converge in the Bible: theological, historical, and literary. Issues such as the principle of interpretation, literary forms and a whole range of literary genre (such as proverb, saying, chronicle, lament psalm, oracle, apocalypse, parable, song, epistle, and many others) and literary subject matter, archetypes and motifs, stylistics and rhetoric, artistry, among others, will be studied.</p>

ENG. 876;3/E	<p>Postcolonial Literature</p> <p>Recognising the literatures of peoples and societies that suffered diverse forms of colonial repression, exploitation and domination as a major corpus of modern literature, this course seeks to systematically introduce students to the diverse ways in which literature, as part of the cultural production of the colonised, gives expression to the colonial engagement as an enduring historical experience. It proceeds from mapping colonialist discourse and the theoretical works of such figure as Edward Said, Homi Bhabha, Frantz Fanon, Chinua Achebe, Ngugi, Gayatri Chakrovorty Spivak, etc, to exploring the taxonomy of postcolonial literature as enunciated in <i>The Empire Writes Back</i>. The course is to engage selected texts drawn from various parts of the colonised world, Africa, Asia, Latin America, Canada and Australia, to instantiate such forms of the postcolonial condition as cultural alienation, mimicry, resistance, hybridity and the recuperation of precolonial cultural practices as an act of symbolic resistance to the colonial order.</p>
ENG. 877; 3/E	<p>Contemporary English Fiction</p> <p>This course will look at the form and function of contemporary English fiction, as seen in the work of prominent contemporary authors such as Evelyn Waugh, Graham Greene, Samuel Beckett, William Golding and the like with the intent to direct attention to the artistic concern with the relationship between “form” and “matter”, the novelist’s individual aesthetic sensibilities and perception.</p>
ENG 897; 3/C	<p>M.A. Seminar</p> <p>A student shall present a seminar related to his/her Master's project and this should be well-researched and presented before the Departmental Board with other postgraduate students in attendance. The score for the seminar will be based on both content and presentation. A student will not be allowed to present his/her seminar if he/she does not attend other seminars.</p>
ENG. 899; 6/C	<p>M.A Project</p> <p>An original essay in a specific area of interest in Literature which will be between 10,000 and 15,000 words in length.</p>

7.2 MPhil PROGRAMME
As in MA Programme

7.3 DOCTOR OF PHILOSOPHY (PhD)

A. FIRST SEMESTER PhD COURSES (LANGUAGE)

COURSE CODE, UNIT & STATUS	COURSE DESCRIPTION
ENG 901:3U/C	<p>Advanced Linguistic Theory and Present Day English</p> <p>A review of new and latest theories in different areas of linguistics such as syntax, phonology, semantics, (critical, corpus and multimodal) discourse analysis, pragmatics and sociolinguistics and how these can be used in analyzing different formal and informal discourses. It is a student-centred course which should take into consideration the students' areas of research.</p>

	The aim is to ensure that students are abreast of new developments in their areas of research and should not depend solely on theories learnt at the Bachelor's and Master's Programmes.
ENG 903; 3/C	Advanced Studies in Bi/Multilingualism This course examines issues in bi/multilingualism as sociolinguistic and interactional phenomena. It focuses on macro-societal patterns of language use in bi/multilingual communities as well as on micro-interactional language choices. The course covers issues such as language shift and maintenance, language policy and planning as well as language attitude and language ideology. It also examines the functional distribution of languages in bi/multilingual communities, language choice in bi/multilingual conversation, bi/multilingualism in specific settings (e.g., family settings, educational settings, workplace settings, etc).
ENG 905:3U/C	Doctoral Seminar I Students are expected to present their thesis' proposals to members of staff and students in the department. The presentations are graded based on content, clarity of expressions, confidence and organisation. The aim is to guide and critically examine the aim, statement of the problem and research tools, needed for the success of the thesis.

SECOND SEMESTER PhD COURSES (LANGUAGE)

COURSE CODE, UNIT& STATUS	COURSE DESCRIPTION
ENG 902: 3U/C	Applied Linguistics in English The course offers an overview of Applied Linguistics from the perspective of the English language. It covers definitions and disagreements in Applied Linguistics, in addition to outlining the main historical developments of the area. It provides a survey of major areas of applied linguistics: language teaching and learning, second language acquisition, English as a Lingua Franca, language and identity, language policy and planning, language rights and critical applied linguistics. Some topics to be studied also include first language acquisition, age and acquisition, human learning, styles and strategies, and personality factors. It encourages students to develop a broad theoretical base reflecting current cutting edge research within Applied Linguistics and related disciplines. Additionally, this course makes links between the different disciplines which contribute to our knowledge of language learning and issues related to language pedagogy.
ENG 904: 3U/C	Academic Writing and Publishing The aim of this course is to expose graduate students to techniques of writing journal articles, review papers, conference papers, posters, books and book chapters, since these differ from thesis writing. Attention will be paid to the structure of journal articles, covering the title, abstract, keywords, introduction, data and methods, results, discussion, etc. It also covers areas such as how to

	respond to reviewers and how to manage collaborative writing.
ENG 906: 3U/C	Doctoral Seminar II Students are expected to present their first seminar on their research work to members of staff and students in the department. The presentations are graded based on content, clarity of expressions, confidence and organization. Such presentations should culminate in the publication of one or two journal articles.

B. FIRST SEMESTER PhD COURSES (LITERATURE)

COURSE CODE	COURSE DESCRIPTION
ENG 951; 3U/C	Methods and Techniques of Critical Discourse The course examines methods and techniques used in literary critical discourse. It discusses the various perspectives and approaches from which literary discourses are done such as sociological, linguistic, biographical, and reader-focus perspective. The course also discusses critical literary discourse as a process of close reading of literary texts for the purpose of structural, generic and stylistic analysis.
ENG 953; 3U/C	Advanced Literary Theories The course examines new and latest issues in literary theories. It reviews new theories such as those that relate to narratology, cultural studies, theory of genre, semiotics, media studies etc. and how these apply to literary critical discourse in the 21 st century. Further, the course will examine advanced application of such theories as Structuralism and Deconstruction as propounded by the likes of Levi Strauss and Jacques Derrida; reader response theory, Marxism, Postmodernism, and Postcolonial theory and discourse and Perspectivism. Finally, the course will engage in critical discussion of the use of these theories in literary criticism.
ENG955:3U/C	Doctoral Seminar I Students are expected to present their thesis' proposals to members of staff and students in the department. The presentations are graded based on content, clarity of expressions, confidence and organisation. The aim is to guide and critically examine the aim, statement of the problem and research tools, needed for the success of the thesis.

SECOND SEMESTER PhD COURSES (LITERATURE)

COURSE CODE	COURSE DESCRIPTION
ENG 952:3U/C	Literature and Idea The course explores the affinity between literature, philosophy and ideology as a form of social consciousness, and perspectives and how these are constructed in literature and language. The course also discusses the nature of literature as a purveyor of "truth" and propositional knowledge and the use of literature as instrument for propaganda, social transformation and critique of world views and culture especially as defined by time, history, gender and geo-space.

ENG 904:3U/C	Academic Writing and Publishing The aim of this course is to expose graduate students to techniques of writing journal articles, review papers, conference papers, posters, books and book chapters, since these differ from thesis writing. Attention will be paid to the structure of a journal article, covering the title, abstract, keywords, introduction, data and methods, results, discussion, etc. It also covers areas such as how to respond to reviewers and how to manage collaborative writing.
ENG 906:3U/C	Doctoral Seminar II Students are expected to present their first seminar on their research work to members of staff and students in the department. The presentations are graded based on content, clarity of expressions, confidence and organisation. Such presentations should culminate in the publication of one or two journal articles.

8.0 STAFF LISTING

S/N	NAME	QUALIFICATIONS	STATUS	SPECIALISATION
1.	Dr Rotimi Oladipupo	BA.Ed (English), OAU; MPA (LASU); MA (Language), PhD (Language) UI.	Senior Lecturer & Ag. Head of Department	(Socio)Phonetics/ Phonology, Corpus Linguistics, Nigerian English Usage & Language Contact.
2.	Prof. (Mrs) Adebola Adebileje	BA (Ed), M.Ed (English), PhD (UNILORIN)	Professor	Applied English Linguistics, English as a Second language, Grammar, Nigerian English & Psycholinguistics
3.	Prof. Ademola Dasylva	BA (Hons), MA (Ifè), PhD (Literature in English) UI.	Professor	African Literature, Oral Poetics & Performance.
4.	Prof. Idowu Odebode	BA (Ed) (OAU); PGD (Journalism); MA, PhD (Language) UI.	Professor	Sociolinguistics, Pragmatics, Onomastics, Stylistics & Professional Communication.
5.	Dr (Mrs) Foluke Unuabonah	BA (OAU); MA, PhD (Language) UI	Reader	Corpus(Pragmatics), Discourse Analysis & Nigerian English Usage.
6.	Dr Stephen	BA Ed. (English), MA	Senior Lecturer	Oral Literature and

	Eyeh	(Literature), PhD (Literature) OAU		Cultural Studies, Women Literature, Postcolonial Literature, Literary Theories & English Literature.
7.	Dr Ayodeji Shittu	BA (English), MA (Literature), PhD (Literature) UI	Senior Lecturer	African Literature, African Diaspora Literature, Nigerian Literature (Poetry), Oral Literature & Literature and Media.
8.	Dr Femi Adebayo	BA (English), MA (Literature) & PhD (Literature) UI	Lecturer I	African Literature, Gender Studies & Culture Theory.
9.	Dr Florence Daniel	BA (English) LASU; MA (Language) OAU; PhD (Language) RUN	Lecturer II	(Legal) Discourse, Pragmatics, Grammar & Corpus Linguistics.

CHAPTER SEVEN

DEPARTMENT OF HISTORY AND INTERNATIONAL STUDIES

1.0 PHILOSOPHY

The postgraduate programme in History and International Studies at Redeemer's University is designed to produce highly qualified and competent historians and experts in the fields of History and International Relations with competencies in social and economic history as well as relevant areas of studies.

2.0 OBJECTIVES OF THE PROGRAMME

The programmes aim to:

- (i) create a conducive environment for postgraduate teaching, learning and research;
- (ii) pay attention to ethical consideration in education and training of postgraduate students;
- (iii) expose all staff as well as all postgraduate students to the tools of information communication, technology (ICT) through computer usage and access to the internet.

3.0 AREAS OF SPECIALIZATION

The following MA, MPhil/PhD & PhD degree programmes are available:

- (i) Comparative Fiscal Federalism
- (i) International Relations
- (ii) African History
- (iii) Conflict and Conflict Resolution
- (iv) Strategic Studies
- (v) Gender and Development Studies
- (vi) Economic History
- (vii) Social History
- (viii) Legal History
- (ix) Inter-Group Relations
- (x) Health Diplomacy/ Global Health Governance

4.0 ADMISSION REQUIREMENTS

The criteria for admission into the MA Programme are as follows:

- (i) Candidates for the M.A. Programme in History and International Studies must have five credit passes including English, History or Government at the 'O' Level as basic requirement.
- (ii) Candidates with Bachelor degree in Arts (BA) in History, History and International Studies, History and Diplomatic Studies, History and International Relations as well as History and Strategic Studies or B.Sc. in Political Science are eligible to apply. The candidates must be graduates of approved and recognized universities, and must obtain a minimum of Second Class Lower Division degree.
- (iii) They must have completed the mandatory one year National Youth Service Corps (NYSC) programme.

5.0 GRADUATION REQUIREMENT

(a) For MA Programme

A candidate for MA Programme should fulfill the following conditions to be awarded an MA Degree:

- (i) Register and pass a minimum of 30 credit units of course work in addition to 6 credit units of work load for Research Project.
- (ii) Present a seminar paper in each semester and for each course taken.

(b) Duration of Masters Degree Programme

Full Time: Minimum of three (3) semesters and a maximum of six (6) semesters.

Part Time: Minimum of four (4) semesters and a maximum of eight (8) semesters.

6.0: COURSE REQUIREMENTS

FIRST SEMESTER		
Course Code	Title	Units
A. COMPULSORY COURSES		
HIS 801	Advanced Studies on Philosophy of History	3
HIS 803	Colonialism, Nationalism and Independence in Africa	3
HIS805	The Military and Politics in Africa	3
B. Economic History (ELECTIVES)		
HIS 807	Economic History and Developments in Africa from the 20th century to the present	3
HIS 809	Economic History of Nigeria since the 20th Century to the present	3
HIS 811	Problems and Prospects of Regional Economic Developments in West Africa	3
HIS 813	African and European Imperialism (with particular emphasis on its economic implications)	3
HIS 815	Land and Labour Issues in Africa	3

	<u>C. International Relations (ELECTIVES)</u>	
HIS 817	Theories of International Relations	3
HIS819	International Institutions and Organizations	3
HIS821	The Evolution of Nigerian Foreign Policy	3
HIS 823	Diplomatic Process and Practice	3
HIS 825	Regionalism and World Order	3
HIS 827	Environmental History from The Industrial	3
HIS 829	Revolution to The United Nations Convention on Climate Change	3
HIS 831	Contemporary History of the Middle East	3
HIR 833	Evolution of Modern Forms of Government	3

*All courses in **Section A** are compulsory for all History and International Relations major Masters Students. However, they are at liberty to pick courses from Sections B and C in line with their areas of specialisation.

SECOND SEMESTER		
Course Code	Title	Units
	<u>A. COMPULSORY COURSES</u>	
HIS 802	Nation-Building in Post-Independence Africa	3
HIS 804	Africa and the Wider World	3
HIS 806	The Blacks in Diaspora	3
HIS 808	Research Methods and Techniques	3
	<u>B. Economic History (ELECTIVES)</u>	
HIS 810	Comparative Industrial Growth and Development of Japan and China	3
HIS 812	Capitalism, Commission and Mixed Economy	3
HIS 814	Economic Role of Women in African History	3
	<u>C. International Relations (ELECTIVES)</u>	
HIS 816	Trends in World Diplomacy	3
HIS820	Globalization – Cultural and Economic Implications	3
HIS 822	<u>Electives</u> Advanced Studies in International Law and Diplomacy since the 19 th century	3

3RD SEMESTER		
Course Code	Title	Units
HIS 899	MA Dissertation (compulsory)	6

*All courses in Section A are compulsory for all History and International Studies major Masters Students. They are at liberty to choose courses from Sections B and C in line with their areas of specialization.

7.0 COURSE DESCRIPTION

FIRST SEMESTER COURSES

HIS 801: Advanced Studies on Philosophy of History (3C)

This course will consider the nature of historical explanation, focusing on narrative and twentieth-century alternatives. In particular, we will examine the nature of temporality in historical accounts, the relation between narrative and the “problem-oriented” history of the Annals school, structure and agency in historical explanation, and the rhetoric and poetics of history.

HIS 803: Colonialism, Nationalism and Independence in Africa. (3C)

Impact of Colonialism, Internal and External factors of African Nationalism, Nationalist Movements; Philosophy of African Nationalist leaders- Kwame Nkrumah, Nnamdi Azikiwe, Ahmed Ben Bella, Nasser, Houphouët Boigny. etc. Nationalism; in Settler and Non-Settler colonies, and the attainment of independence by African countries.

HIS 805: The Military and Politics in Africa (3C)

An analysis of the incursion of the military into the politics of African states, its socio-economic and political consequences will be examined. Ways of forestalling such incursion, an analysis of the classical view of military rule as an aberration; the military and nation building in Africa.

HIS 807: Economic History and Development in Africa from the 20th Century to the Present (3E)

This course examines the link between ‘economics; and ‘politics’ in International relations; International Monetary Arrangements’, The politics of International Trade; Theories of International Trade Relations; Foreign aid and Underdevelopment; the politics of the New International Economic Order.

HIS 809: Economic History of Nigeria since the 20th Century (3E)

This course analyzes the trends and major economic developments in Nigeria from the beginning of the 20th century to date. Themes will cover both colonial and post-colonial periods, and will include the following: nature and pattern of external influence on Nigerian economic and political developments; major trends and changes in the monetary and banking sector of the economy; mining and manufacturing sector; agriculture; Nigerian Petroleum products and OPEC; indigenization, commercialization and privatization and the economy; policies of the operation Feed the Nation; Green Revolution and River Development Authorities; Policies of austerity measures, Structural Advancement Programme (SAP), National Directorate of Employment (NDE), DFFRI, NEEDS as well as Corruption and the economy.

HIS 811: Problems and Prospects of Regional Economic Development in West Africa (3E)

This course examines the features of the Economy of the West African sub region; and issues in its underdevelopment. It further examines the various organizations in West Africa, which have been set up by joint effort of the states in the sub region to facilitate economic development. The problems and prospects of such efforts are also highlighted.

HIS 813: Africa and European Imperialism (3E)

A general survey of internal and external developments in Europe and Africa which prepared the setting for European imperialism. Students will study some of the theories of imperialism as propounded by thinkers like J.A. Hobson, V.I Lenin, D. K. Field House J.A Schumpeter. Themes to be covered include arguments regarding historical origin of imperialism, colonialism neo-colonialism. Attempts shall be made to use selected case studies.

HIS 815: Land and Labour in Africa (1850-1950) (3E)

This course is about an analysis of land and labour as factors of production in the economies of African societies since the European commercial and imperial interests in Africa. The settler and non-settler colonies; the plantation economy; colonial policies on land and labour and Africans reactions to them.

HIS 817: Theories of International Relations (3E)

This module gives students an introduction to the theoretical background to international relations and examines a range of contemporary and historical topics through which it is possible to explore the behaviour of states and international organisations. The main areas of theory will be covered and these will be related to the changing international environment in which they were developed. Major themes including national interest, realism, ideology, 'superpowers', war and co-operation will be addressed as well as the practical aspects of the subject. The course will also contrast the international behaviour of small and large states. Students will receive additional material in class and will be encouraged to relate what they learn to developing issues.

HIS 819: International Institutions and Organizations (3E)

The genesis and historical antecedents of International Organizations; The Vienna Congress, The League of Nations; The U.N.O; OAS; EEC/EU, the OAU; ECOWAS, Arab League.

HIS 821: The Evolution of Nigerian Foreign Policy (3E)

This course undertakes to expose the student to the thrust of Nigerian Foreign Policy since 1960. It also hopes to address the major issues that determine the basis of Nigeria's Foreign Policy and how it has affected Nigerian development as a nation.

HIS 823: Studies on Strategic Issues from the 20th Century to Present (3E)

This course is designed to expose students to events and issues since the 20th centuries that are of strategic relevance. Emphasis will be placed on the contribution of modern thinkers in the field to the growth of the subject matter. Such thinkers include Hitler, Mao Tse Tung, Alfred Mahan, Thomas Shelling 'Robert Mc Namara etc. Students will also be exposed to such modern concepts and theories like Games theory, theory of conflict and conflict Resolution, theories of war and peace, concept and value of Deterrence, Strategic planning, Defense policies; foreign policy analysis and the Role of science and technology on strategic thinking and planning. In addition, some attempts will be made to apply the various theories to selected case studies on a worldwide basis.

HIS 825: Diplomatic Processes and Practice (3E)

The course examines certain practices in the international community such as state recognition, diplomatic appointments, letters of credence and withdrawal of diplomatic immunity, language of diplomacy, reciprocity and immunity, language of diplomacy from Latin to French to English, organization and structure of Embassies. Diplomatic influence and power in diplomacy.

HIS 827: Regionalism and World Power (3E)

This course assesses the origins, significance and likely evolution of the trend towards regionalism within the world order. It analyses how states have been responding to the end of US hegemony and assesses the extent to which new regional blocs are emerging and their nature. These questions are analysed through detailed case studies of the three most advanced regions of the world economy - the Americas, the European Union, and East Asia - firstly from the standpoint of the 'core' state or states, and secondly from that of the 'peripheral' states.

HIS 829: Environmental History from Industrial Revolution to UN Convention on Climate Change (3E)

Think globally and act locally has been a staple of environmentalism since the early 1970s. What does it mean to think globally, and historically, about the environment? How have global historical processes like industrialization, urbanization, and the agricultural revolution affected local environments? Local and individual actions have long played out in a global context. We will focus in particular on interrelated developments in climate, agriculture, energy, and cities. Through readings, writing, research, and discussion, we will examine the connection of global and local environments. Case studies will include historical responses to climate change in Europe and North America, the transformation of indigenous foodways and the urban development of Vancouver.

HIS 831: Contemporary History of the Middle East (3E)

The course's aim is to allow the student a proper knowledge and understanding of the making of the contemporary Middle East. The course will focus on historical processes evolving political, intellectual and socio-economic aspects from the rise of Islam to World War II. Special attention will be given to major stages in the history of the Middle East: the Pre-Islamic era; Islam and Islamization of the Middle East; the rise and decline of the Ottoman Empire; initial westernization, Ottoman reforms and the Islamic reactions to them; the rise of nationalism; World War I and the peace settlements; European rule and the establishment of the modern states in the Middle East. [The course will further discuss the rise and fall of liberal constitutionalism in the Middle Eastern states, the rise of Pan-Arabism and Muslim fundamentalism and their impact on regional and international politics. A further objective is to develop critical thinking skills on the Middle East processes.

HIS 833: Evolution of Modern Forms of Government (3E)

The course is an examination of the origins of modern forms of Government e.g. parliamentary, as it is practiced in Britain and France, and presidential system as it is practiced in USA and some African countries.

SECOND SEMESTER COURSES

HIS 802: Nation Building in Post- Independence Africa (3C)

This course examines the problems of nation-building: the party system-the problems of one party vis-à-vis democracy; Post Independence economy; Foreign Policy Issues; Non-alignment; Non-alignment in the theory and practice; Problems of political stability, ethnicity, national boundaries, bi-lateral and multi-lateral relationships in Africa.

HIS 804: Africa and the Wider World Since 1945 (3C)

The course examines the foreign factor in the De-colonization of Africa; Independence and neo-colonialism in Africa; Africa and International Organizations like, The UNO, EEC/EU etc; The advance of Social influence in Africa; Africa and Super power politics, Africa and the New World Order etc.

HIS 806: The Blacks in Diaspora (3C)

This course considers the extensive influence and effects of African slavery particularly in the Americas. This slavery has had a critical role in the histories of not only the Americas but also, Asia, the Caribbean and Africa itself. The course will trace the origins and relevance of the term Diaspora with relevance to the issue of slavery in Americas. It will also examine condition that led to the rise of the Atlantic slave trade, lives and conditions of slaves in the new world, the movement of abolition of slavery and emancipation of slaves, the interrelations between European and descendants of slaves, the contributions of slavery to American economies and the subsequent relations between Africa-American and African continent.

HIS 808: Research Methods and Techniques (3C)

A discussion on the meaning of History, Development of Historical Studies since the end of the 19th Century. Survey of African historiographical traditions (Old and New). The African sources of history, choosing a research topic. Writing of research reports which includes Selection of data, organization of data, selected either according to theme or chronology or both, Explanation, the issue of quotation, references, bibliography and appendices to establish authenticity. Multi-disciplinary approach to African history, oral tradition as source of African history (problems of collecting, processing, dating and evaluating data), written sources.

HIS810: Comparative Industrial Growth and Development of Japan and China (3E)

This course examines the different approaches adopted by various industrial powers of the world, against their different background and setting to achieve industrial development. The third world countries can see these approaches examples for their own industrial development.

HIS812: Capitalism, Communism and Mixed Economy (3E)

An analysis of the three types of economic system, viz capitalism, communism and mixed economy, explanation of the modes of production and distribution as well as the problems associated with each type.

HIS 814: Economic Role of Women in African History (3E)

This course examines the role and involvement of African women in the economy, politics, religion and the arts. Differences in the status of women from one region to another as well as changes in the role of women from pre-colonial to contemporary times will also be considered.

HIS 816: Trends in World Diplomacy (3E)

The course aims to help students understand the machinery of diplomacy and its role in contemporary international society, enabling them to recognize historical continuities, changes and innovations. The introductory section will be devoted to classic authors of diplomatic theory, traditional approaches viewing diplomacy as a specialized form of statecraft and major developments from the rise of resident embassies and foreign ministries to the emergence of new actors (15th–21st century). Current conceptions and procedures in diplomatic practice will be analysed in the core section of the course. Mainly based on case-studies and primary sources taken from 20th century international history, this core section will focus on the following topics: negotiation, mediation, bilateral conventional and unconventional diplomacy/consular activity, multilateral diplomacy, coercive diplomacy, summits, preventive diplomacy, and transition regimes. The course will also outline the most relevant trends in the shaping and functioning of multi-track and public diplomacy.

HIS 820: Globalization – Cultural and Economic Implications (3C)

This course will critically assess the ideas, issues and theories that shape our understanding of contemporary globalization and its varied implications for culture and economics. This will include a discussion of the history and development of globalization, the cultural, social, religious and political impacts of contemporary global relations and the consequences of an interconnected world. Specific topics include: global financial governance and responses to the global economic crisis; global production and the post-war trading regime; the rise of fundamentalism and religious backlash; cultural homogeneity and westernization; cyber-politics and issues of security online; ‘anti-globalization’, ‘occupy’ and global social movements.

HIS 822: Advanced Studies in International Law and Diplomacy Since The 19th Century (3C)

The course introduces students to the science of international relations, security and diplomacy; international perspectives on peace and conflict transformation, international cooperation and its limits; interactions amongst sovereign states and non-state actors; theories of international relations theory,

the key perspectives in international relations theory; the nature and limits of the key international institutions(the UN, NATO,OECD and the EU); develop a critical approach to the issue of humanitarian intervention; war crimes and nuclear deterrence; propaganda in international relations; factors affecting / influencing international relations between countries; Case studies will be used. Reference shall be made to various to various instruments and their relevance in international cooperation and relations.

HIS 899: Dissertation (6C)

In course, all candidates are required to carry out a project of their choice on any topical issue related to the discipline and report same as a dissertation in the approved format.

SECOND SEMESTER

800 LEVEL

Students are to register for **18 units** of 800 level courses.

A. Compulsory Courses

S/N	Course Code	Course Title	Units
1	HIR 825	Diplomatic Process& Practices	3
2	HIR 801	Advanced Studies on Philosophy of History	3
3	HIR 805	Military &Politics in Africa	3
4	HIR 821	Evolution of Nigerian foreign Policy	3

S/N	Course Code	Course Title	Units
5	HIR 803	Colonialism, Nationalism and independence in Africa	3
6	HIR 817	Theories of International Relations	3

B. Summary

1. Compulsory courses	-	18 units
Total	-	(18 units)

8.0 MPhil/PhD and PhD PROGRAMMES

8.1 ADMISSION REQUIREMENTS

Candidates must satisfy the general regulations governing postgraduate studies at the Redeemer's University. In addition, the departmental admission requirement as stated below must be met.

Admission Requirements for Doctorate:

Candidates for doctorate degree in History must possess the following qualifications before they can be considered for admission into the department for the programme:

- (i) All candidates must have five credit passes including English, Government or History;
- (ii) Candidates must have a Master of Arts (M.A) degree in History from a recognized university or this university with a weighted average score of 60%; or 3.5 on a five-point scale.
- (iii) All candidates must demonstrate adequate intellectual capacity, good communication skills, maturity, ability to do good independent research and problem solving potentials and pass the university validity test
- (iv) MPhil/PhD: Candidates who did not make up to 3.5 will be required to register for the MPhil/PhD programme. Such candidates must present two seminars and a research proposal for grading and must score a minimum CGPA of 3.5 before proceeding to the PhD, otherwise the M.Phil. Degree should be awarded upon the submission of a thesis. This thesis should be examined following the procedure of a PhD thesis.

8.2 GRADUATION REQUIREMENTS

All PhD students must present three (3) seminars before graduation. **Doctor of Philosophy:**

- (i) The candidate must present four seminar papers two of which must be published in recognised/international Peer-reviewed Journals before he/she is allowed take the oral defence of his/her thesis.
- (ii) A candidate for a research PhD degree who has satisfied all the conditions for PhD degree examinations, he/she shall submit the title of his/her thesis through the College Board of Postgraduate college for approval at least a month before the oral examination.
- (iii) An oral examination shall be conducted by an external examiner with a panel of examiners under the chairmanship of the Head of Department.
- (iv) The panel of examiners should be in agreement with the one constituted by the University to examine the thesis.
- (v) The head of department shall send a detailed report of the oral examination to the postgraduate college the day following the examination date.
- (vi) The Board of Postgraduate College will adequately notify the candidate on the outcome of the examination a day after the statutory meeting of the board.
- (vii) To graduate, all PhD candidates must take and pass all the requisite courses as prescribed in the PhD course list below summed up to 18 units as follows:
 - Courses - 18 units.
 - Thesis - 9 units
 - Total - 27 units

Duration of Doctorate Degree Programme

Duration of programme

- (i) For the Doctorate degree, the mode of study may be part-time or full-time.

- (ii) Full time Doctoral programme shall run for a minimum of 6 semesters and a maximum of 8 semesters;
- (iii) Part time Doctoral programme shall run for a minimum of 8 semesters and a maximum of 10 semesters;
- (iv) Extension beyond the specified maximum time shall be determined by the postgraduate board and approved by the university senate.

9.0 COURSE REQUIREMENTS

FIRST SEMESTER

PhD Candidates must take and pass 9 units in the first semester. (Pick one course from each of section B to E. All courses in Section A are compulsory)

TITLE	UNITS
*A. Historiography	
HIS 901: General Historiography	3 (C)
HIS 902: African Historiography	3 (C)
Seminar I: Topic to be chosen by the student or assigned by the lecturer	
B. Social and Political History	
HIS 903 Africa and European Imperialism	3
HIS 905 Advanced Studies in Foreign Policies of Major World Powers	3
HIS 907 Advanced studies in Political History of Nigeria	3
HIS 909 Gender and Development	3
C. Economic History	
HIS 911 Advanced Studies in Economic History of Nigeria since the 20 th Century	3
HIS 913 Land, Labour and Population studies	
HIS 915 Advanced Studies in Globalisation and Economic Integration	3
	3
D. International Studies	
HIS 917 Advanced Studies in International Relations	3
HIS 919 War and Peace in Africa	3
HIS 921 Advanced Studies in International Law and Diplomacy	3
E. Electives	
HIS 923 Modern African Political Thought	3
HIS 925 Colonialism in Africa	3
HIS 927 Nation building in Post Independence Africa	3

*Compulsory for all PhD candidates.

All courses will be taught using seminar method.

SECOND SEMESTER

The candidates are expected to take 9 units across the boxes in the second semester

TITLE	UNITS
A. Social and Political History	
HIS 902: Themes in Social and Political History of Africa since Independence	3
HIS 904: Problems and Issues in African Historiography	
	3 (C)
B. Economic History	

HIS 906: Economic Reforms in Africa since 1980s	3
HIS 908 Africa and world Economic Order	3
HIS 910: Regional Integration in Africa	3
C. International Studies	
HIS 912: Comparative Economic History of Japan, South Korea and Singapore since World War II	3
HIS 914: International Economic Relations since 1945	3
D. Electives	
HIS 916: Advanced studies in Environment, Climate Change and Population Studies	3

All courses will be taught using seminar method

10.0 COURSE DESCRIPTIONS FOR PhD PROGRAMME

FIRST SEMESTER

HIS 901: General and African Historiography

This course looks at the study of historical thought from its emergence in the classical world to contemporary times. The course focuses on how history has been interpreted, rather than the facts of history. The course reflects on the crucial question about the nature of history and interrogates the correlation between theory and evidence in historical writing. It will also examine the diversities of narratives historians have used to reconstruct the past and examine many of the major historiographical schools and ideas that have developed over time. This will include studies of classical historiographical works from Herodotus through the middle ages with Augustine of Hippo and Ibn Khaldun. Others are from the enlightenment period with Emmanuel Kant and Leopold Von Ranke to Romantic historiography with Friedrich Hegel and Karl Marx to modern historiography of Lord Acton, Arnold Toynbee and Benedetto Croce.

HIS 903: Africa and European Imperialism

The course makes a general survey of the internal and external development and dynamics that prepared the setting both in Europe and Africa for European imperialism. The theories of imperialism propounded by renowned thinkers like A. J. Hobson, V. I. Lenin, Rosa Luxemburg, Antonio Gramsci, J. a. Schumpeter and D.K. Fieldhouse will be analyzed. Themes to be discussed include the historical origin of imperialism, colonialism, and neo-colonialism. Case studies will be made.

HIS 905: Advanced Studies in Foreign Policies of Major World Powers

The course examines the foreign policies of the major world powers namely: USA, Russia, Britain, France, China, Japan and Germany within the context of world politics since World War II.

HIS 907: Advanced Studies in Political History of Nigeria

This course will critically explore the evolution of the Nigerian State; constitutional development, emergence of political parties; cultural, ethnic, economic and political nationalism, the rise and fall of the First Republic, the Nigerian Civil war and military interregnum in Nigerian politics, the second republic, democratization, politics of revenue (resource) allocation, ethnic and minority agitations, etc. Other emerging issues, such as, restructuring, Boko Haram insurgency in the Northeast, militancy in the Niger Delta, the activities of Fulani herdsmen, will also be examined

HIS 909: Gender and Development

This course aims to critically analyse the various assumptions and approaches that are inherent in the phrase "*Gender and Development.*" In this course, we use gender as a central category of analysis and

critically examine how gender hierarchies and stereotypes about gender and work are set in place through historical processes. We study how the measures and processes of development are gendered as well as what policies and institutions have been set in place both nationally and internationally to advocate for gender justice. We seek to establish a deeper understanding of the analytical tools and scholarly debates in gender and development with emphasis on theories and contemporary approaches to gender equity and mainstreaming and gender and empowerment. We examine the implications for gender, gender relations, and development from the United Nations' perspectives of the Millennium Development Goals (MDGs) to the Sustainable Development (SDGs) particularly in countries of the South.

HIS 911: Advanced Studies in Economic History of Nigeria since the 20th Century

The course discusses the nature and pattern of external influences in Nigeria's economic and political developments; the major trends and changes in the monetary and banking sectors of the economy, mining and manufacturing/industrialization sector; agriculture, Nigerian oil sector and OPEC; Indigenization, Commercialization, Deregulation and Privatization Policies of Government; Operation Feed the Nation, Green Revolution, River Basin Development Authorities; Agricultural Development Projects (ADPs), the Structural Adjustment Programme (SAP), National Directorate of Employment (NDE), DFRRRI, Better Life for Rural Women, Family Support Programme; Poverty alleviation Programme; NEEDs, Corruption and the Economy.

HIS 913: Land, Labour and Population Studies

The course examines the issues of land, labour and population studies in Africa and the world at large, highlighting dispensational changes from pre to colonial and post-colonial eras. Also crucial are the changing patterns of need in response to internal and external dynamics of change, e.g. population explosion, changing agricultural patterns (Plantations and Large holdings instead of small holdings), the European settler problems etc. and the emergence of Landless individuals and communities; ethnic, land and boundary disputes. It also highlights the history of labour from the stage of self-employment to hired (wage) and organized labour and their unions and government control.

HIS 915: Advanced Studies in Globalisation and Economic Integration

The history of globalization will form a foundation for this course. Its impact on world economy, technology and economic integration will also be considered.

HIS 917: Advanced Studies in International Relations

This course equips the students with a better understanding of interaction among nations in the international environment. It focuses on bilateral and multi-lateral relations, especially in the framework of international organizations. Themes examined include treaties and alliance formation as exemplified by the Entente Cordiale, Triple alliance, and the Treaty of Versailles; the League of Nations, the United Nations, the Security Council and use of Veto power, the North Atlantic Treaty Organization (NATO), Warsaw Pact, the Non-alignment Movement and Cold War.

HIS 919: War and Peace in Africa

The course deals with the background to and the causes of wars; the nature, course and effects of conflicts, insurgency and counter-insurgency, peace and conflict resolution mechanisms; post conflict peace building mechanisms and; the role of international and regional organizations in peace initiatives.

HIS 921: Advanced Studies in International Law and Diplomacy

The course introduces with the concept of international law, its nature, its historical development and the founders modern international law. The course will also examine the expanding legal scope of International concern, modern theories and interpretations, subjects of international law, the protection

of human rights, Air law and Space law, Law of the Sea, International Environmental law, Law of treaties, State Succession, Settlements of Disputes by peaceful means, Inter State Courts and Tribunals, International law and the Use of Force by States, The UN Charter, International Humanitarian law, International institutions- including The United Nations, NATO, OECD and the EU. The course will also consider other issues such as: War crimes and nuclear deterrence.

HIS 923: Modern African Political Thought

A study of the political thought and ideas of notable Africans: Amilcar Cabral, Frantz Fanon, Kwame Nkrumah, Augustinho Neto, Nnamdi Azikiwe, Leopold Senghor, etc.

HIS 925: Colonialism in Africa

The course examines the background to, process and means of the establishment of colonial rule in Africa. It also undertakes a comparison of colonial policies and the African agency.

HIS 927: Nation-Building in Post Independence Africa

The challenges of evolving a united and progressive nation after independence in Africa are examined in this course. The course analyzes the various strategies that evolved and the challenges encountered in consolidating the African nation-state. Some of the issues to be examined includes: Party politics; socio-economic processes; elections; civil wars and reconciliation process; military intervention in politics; and its impacts on the development of democratic institutions in Africa.

SECOND SEMESTER

HIS 902: Themes in Social and Political History of Africa since Independence

The course examines the following topics: political instability in Africa since independence; military rule; one-party system; ethnic conflicts and hegemony; minority rule; struggle for democracy in the 1980s and 1990s, etc.

HIS 904: Problems and Issues in African Historiography

The course examines the ramifications of historiography: the meaning of history to Africans; written and non-written sources for the writing of African history such as archaeology, ethnography, linguistics, early writings on Africa, European sources of African history, including missionary and colonial archives; and the interdisciplinary approach to the study of African history.

HIS 906: Economic Reforms in Africa since the 1980s

The course examines the crisis of economic underdevelopment, national industrial policies (such as import-substitution), problems and prospects of regional economic organizations; the role of the IMF, the world Bank and the Economic Commission for Africa (ECA) in the economic development of Africa.

HIS 908: Africa and World Economic Order

The course examines African economies in the global context: the slave trade; "legitimate" trade; colonisation and unequal economic relations of Africa and the imperial powers; the relevance of Dependency theory; The World Bank, IMF and African economies; UNCTAD; foreign borrowing and foreign debts in the economic development of Africa; the information and communications technology (ICT) revolution; globalization and the African economy, international trade, theories of international trade, foreign and underdevelopment; the politics of the new international economic order, etc.

HIS 910: Regional Integration in Africa

This course examines the theory of regional integration and interrogates the origin of regional integration in Africa. It examines its motivations, varying initiatives pursued by African governments, nature of the integration process, and the current challenges of regional integration in Africa. The

course interrogates problems of membership overlap, ambitious targets by member states and dismal implementation record, challenges of monetary, fiscal and political integration. Yaounde, Lome conventions and the Cotonou agreement will also be critically examined with the implications they have had for African regional integration

HIS 912: Comparative Economic Histories of Japan, South Korea and Singapore since World War II

The course compares the differential experiences of the three Asian powers since World War II. It highlights the process of institutional reforms and economic development, as captured by the term “Asian Tigers”, with lessons for African countries.

HIS 914: International Economic Relations

The course examines the link between “economics” and “politics” in international relations. It also discusses the issue of international monetary arrangement; Politics of international trade. Theories of international trade relations; Foreign aid underdevelopment; the politics of the new international economic order.

HIS 916: Advanced Studies in Environment, Climate Change and Population Studies

A survey of major themes and issues in environmental history and population studies in historical and contemporary perspectives: How climatic and environmental conditions have affected historical progression; The role of environmental degradation in local and international politics, population diffusion and spatial differentiation; waste management and global warming; policies and strategies of sustainable environmental management and the environmental politics of NGOs, pressure groups, government and the private sector.

Seminars I and II

Students choose their topics or are assigned topics by the lecturer and present one seminar in each semester of the course work year. They are part of requirements for the taught courses. In addition, the candidates will present at the end of the First Semester in the second year, a seminar called candidate’s research proposal seminar I and a second seminar in the First Semester of the third year called the pre-dissertation findings doctoral seminar II.

Thesis

The topic chosen by the candidate will be researched under the supervision of a main advisor not below the rank of a Senior Lecturer.

Grading System

For the purpose of determining a student’s standing at the end of every semester the Cumulative Grade Point Average system will be used. Each course shall be graded based on a maximum of 100 marks and assigned appropriate grade point equivalent. At the end of the first year of the PhD, the cumulative grade point average for all courses taken by the candidate must not be less than 60%, after which the candidate can now proceed to thesis writing in the second year.

NOTE: For a candidate to proceed to thesis writing stage of the PhD, he/she must obtain a cumulative grade point average score of 60 percent for all courses taken in the first year.

11.0 LIST OF ACADEMIC STAFF

NAME OF ACADEMIC STAFF	AREA OF SPECIALIZATION	QUALIFICATIONS	RANK
Bernard Fyanka	Strategic Studies, International Relations and Environmental History	BA[HONS], MA, PhD [Lagos]	Senior Lecturer and Ag. Head of Department
Olumide Ekanade	Comparative Fiscal Federalism, International Relations and African History	BA, MSc, PhD [Ibadan]	Professor
Oluwatoyin Oluwaniyi	Conflict and Conflict Resolution, Gender and Development Studies	BSc, MSc, PhD [Ibadan]	Reader
Oluwakemi Adesina	Social, Economic, Women and Gender History	BA[HONS] MA, PhD [Ibadan]	Reader
Benjamin Anaemene	Health Diplomacy, Global Health Governance International Relations and History	BA[HONS], MA, MSC and PhD [Lagos]	Senior Lecturer

CHAPTER EIGHT

DEPARTMENT OF CHRISTIAN RELIGIOUS STUDIES AND PHILOSOPHY

1.0 PHILOSOPHY

The philosophy of the Post Graduate programmes is to serve as a springboard for the development of talent and nurturing of a new generation of Christian Leaders who will rise above sectarian barriers and accept vocational responsibility in the service of the nation. Since Christianity is a religion of progress and civilization, the contributions to global development are highlighted. Christianity is also presented as a religion that nurtures patriotic citizenship and national consciousness. This will invariably promote religious freedom, tolerance, peaceful coexistence and the creation of a platform for dialogue and mutual understanding. The programmes are also designed to cover all the facets of Christian religious phenomena as they affect the history, tradition, economics, politics, church establishment and administration, as well as ethics of humankind. The effect of this approach is to develop the total humankind in their existential reality to produce an all-round society in realizing life objectives, and the capacity to manage them.

2.0 OBJECTIVES OF THE PHD PROGRAMME

The programme is set to achieve the following:

1. To identify fundamental areas of Christian faith and explore them in a critical and constructive manner.
2. To raise a set of enquiring minds that would query and find solutions to religious issues confronting the society.
3. To create an academic platform that would precipitate a critical study of biblical literature.
4. To prepare religious educators to reinforce the moral values in the family, schools and wider society.
5. To equip graduates of this programme for teaching career, administration, social work and offer them strong academic background for professional degrees in related and relevant disciplines.
6. To orient students towards developing minds of a broad spectrum conducive to a pluralistic society such as Nigeria, in particular, and globally.
7. To provide scholars and teachers with essential tools for biblical and philosophical hermeneutics.
8. To prepare religious educators to reinforce the moral values in the family, schools and wider society.
9. To position students towards developing minds of a broad spectrum conducive to a pluralistic society such as Nigeria, in particular, and globally.

4.0 AREAS OF SPECIALIZATION

Students may choose to specialize in any one of the following areas:

- (i) African Traditional Religion
- (j) Biblical Studies, Old Testament
- (k) Biblical Studies, New Testament
- (l) Church History
- (m) Christian Theology
- (n) Philosophy of Religion
- (o) Sociology of Religion
- (p) Social Ethics

5.0 MASTER OF ART (MA) IN CHRISTIAN RELIGIOUS STUDIES

5.1 ADMISSION REQUIREMENTS

For MA in Christian Religious Studies, candidates must possess:

- (i) 5 O'Level / SSCE/NECO OR NABTEB Credits at not more than one or two sittings
- (ii) First Degree in Religious Studies from any recognized institution/Seminary or Bible College.
- (iii) The Grades must not be less than a Second Class Lower Division.
- (iv) Special consideration can also be given to students with B.Th. from recognized Bible College or Seminary.
- (v) Special consideration may also be given to candidates with Third Class or Pass provided they possess additional qualification e.g. PGD in any related field of endeavor.

5.2 GRADUATION REQUIREMENTS

To be awarded A Master of Arts Degree in Christian Religious Studies, candidates must have fulfilled the following conditions, the candidates must register and pass a minimum of 36 units of compulsory and elective courses, including carrying out and defending a dissertation of an approved topic by the Department within the stipulated period for graduation as follows:

- (i) Compulsory Courses 18 Units
- (ii) Elective Courses 9 Units
- (iii) Seminar 3 Units
- (iv) Dissertation 6 Units
- Total = 36 Units

5.3 COURSE STRUCTURE

General Courses (compulsory for all students)

Course Code	Course Title	No. of Units
CRS 801	Research and Data Analysis in Humanities	3
CRS 802	Relations among People of Living Faiths	3
CRS 803	Entrepreneurship and Success Ethics	3
CRS 804	Strategic Planning in Church Administration	3
CRS 898	Seminar Presentation	3
CRS 899	MA Dissertation	6

5.4 AVAILABLE COURSES IN ALL AREAS OF SPECIALIZATION IN RELIGIOUS STUDIES

CRS 801	Research and Data Analysis in Humanities
CRS 802	Relations among People of Living Faiths
CRS 803	Entrepreneurship and Success Ethics
CRS 804	Strategic Planning in Church Administration
CRS 805	Healing in African Religion and other Faiths
CRS 806	Pentecostalism in Africa
CRS 807	Themes in African Contemporary Church History
CRS 808	Early Christians and Scholastic Philosophers
CRS 809	African Church Historiography
CRS 810	African Christian Theology
CRS 811	Religious Cults in Africa
CRS 812	African Concepts of Man
CRS 813	Symbolism in African Traditional Religion
CRS 814	Ethical Issues in African Traditional Religion
CRS 815	The Development of Protestantism
CRS 816	The Growth and Development of Christianity in Africa
CRS 817	Indigenous Churches in Africa
CRS 818	Spirituality and Missions in Africa

CRS 819	Contemporary Issues in Christian Theology
CRS 820	Contextual Theology
CRS 821	Christology of Soteriology
CRS 822	Christian Unity in Contemporary Times
CRS 823	Contemporary African Christian Theologians
CRS 824	Ecclesiology in Christian Thought
CRS 825	Theology of the Old Testament
CRS 826	Advanced Hebrew
CRS 827	Pauline Theology
CRS 828	Advanced New Testament Greek
CRS 829	Text and Theology of the Synoptic Gospels
CRS 830	Literature and Theology of St. John
CRS 831	Prophecy in the Old Testament
CRS 832	Intertestamental Literature
CRS 833	Major Themes in Contemporary Biblical Scholarship
CRS 834	Theistic Arguments
CRS 835	The Freewill/Determinism Debate
CRS 836	The Problem of Evil
CRS 837	Religion and Science
CRS 838	Metaphysical Issues in Religion
CRS 839	Contemporary Issues in Philosophy of Religion
CRS 840	Christian Ethics and African Culture
CRS 841	Social Change and Control
CRS 842	Social Relevance of Religion
CRS 843	Social Problems and Society
CRS 844	Theological Orientation for Social Change
CRS 845	Health and Medicine
CRS 846	Problems of Personal Deviation
CRS 847	Marriage and Family
CRS 848	Old Testament in Contemporary African Scholarship
CRS 849	Wisdom Literature
CRS 850	Deuteronomistic History and Theology
CRS 851	Old Testament in Recent Study
CRS 852	Current Trends in New Testament Scholarship
CRS 853	Advanced Hermeneutics and Exegesis in New Testament
CRS 854	New Testament Exegesis
CRS 857	Methods of New Testament Interpretation
CRS 859	Morality and the Pluralistic Society
CRS 860	Special Problems in Ethics
CRS 861	Social Theories of Religion
CRS 863	Religion, Culture and Gender Studies
CRS 871	Morality and Human Right

5.5 COURSE DISTRIBUTION

FIRST SEMESTER

Students are expected to take a minimum of 18 units and maximum of 21 units per semester. Students are free to take Elective courses from other areas of specialization within the Department.

Compulsory for all MA Students

Course Code	Course Title	Status	Units
CRS 801	Research and Data Analysis in Humanities	C	3
CRS 803	Entrepreneurship and Ethics of Success	C	3

African Religion

Course Code	Course Title	Status	Units
CRS 811	Religious Cults in Africa	C	3
CRS 813	Symbolism in African Traditional Religion	E	3
CRS 803	Phenomenological Study of African Religion	C	3
CRS 805	Healing in African Religion and other faiths	C	3

Church History

Course Code	Course Title	Status	Units
CRS 815	The Development of Protestantism	C	3
CRS 817	Indigenous Churches in Africa since 1888	E	3
CRS 807	Themes in African Contemporary Church History	C	3
CRS 809	African Church Historiography	C	3

Christian Theology

Course Code	Course Title	Status	Units
CRS 819	Contemporary Issues in Christian Theology	C	3
CRS 821	Christology and Soteriology	E	3
CRS 823	Contemporary African Christian Theologians	C	3
CRS 827	Pauline Theology	E	3

Biblical Studies: Old Testament

Course Code	Course Title	Status	Units
CRS 849	Wisdom Literature	C	3
CRS 851	Old Testament in Recent Study	C	3
CRS 825	Theology of the Old Testament	C	3
CRS 831	Prophecy in the Old Testament	E	3

Biblical Studies: New Testament

Course Code	Course Title	Status	Units
CRS 853	Advanced Hermeneutics and Exegesis	C	3
CRS 857	Methods in New Testament Interpretation	C	3
CRS 833	Major Themes in Contemporary Biblical Scholarship	E	3
CRS 829	Text and Theology of the Synoptic Gospels	C	3

Philosophy of Religion

Course Code	Course Title	Status	Units
CRS 835	Freewill/Determinism Debate	C	3
CRS 837	Religion and Science	E	3
CRS 839	Contemporary Issues in Philosophy of Religion	C	3

Religious/Social Ethics

Course Code	Course Title	Status	Units
CRS 871	Morality and Human Right	C	3
CRS 845	Health and Medicare	E	3

CRS 847	Marriage and Family	C	3
CRS 859	Morality and the Pluralistic Society	C	3

Sociology of Religion

Course Code	Course Title	Status	Units
CRS 841	Social Change and Control	C	3
CRS 843	Social Problems and Society	E	3
CRS 861	Social Theories of Religion	C	3
CRS 863	Religion, Culture and Gender Studies	E	3

SECOND SEMESTER

Students are expected to take a minimum of 18 units and maximum of 21 units per semester. Students are free to take Elective courses from other areas of specialization within the Department.

Compulsory for all Students in Christian Religious Studies:

Course Code	Course Title	Status	Units
CRS 802	Relations among People of Living Faiths	C	3
CRS 804	Strategic Planning in Church Administration	C	3
CRS 898	Seminar Presentation	C	3

African Religion

Course Code	Course Title	Status	Units
CRS 812	African Concepts of Man	C	3
CRS814	Ethical Issues in African Traditional Religion	E	3
CRS 802	Impact of Change on African Religion	C	3
CRS 804	Perspectives and Issues in the Study of African Religion	C	3

Church History

Course Code	Course Title	Status	Units
CRS 816	The Growth and Development of Christianity in Africa	C	3
CRS 818	Spiritually and Missions in Africa	C	3
CRS 806	Pentecostalism in Africa	C	3
CRS 808	Early Christians and Scholastic Philosophers	E	3

Christian Theology

Course Code	Course Title	Status	Units
CRS 810	African Christian Theology	C	3
CRS 820	Contextual Theology	C	3
CRS 822	Christian Unity in Contemporary Times	C	3
CRS 824	Ecclesiology in Christian Thought	E	3

Biblical Studies: Old Testament

Course Code	Course Title	Status	Units
CRS 826	Advanced Hebrew	C	3
CRS 832	Intertestamental Literature	C	3
CRS 848	Old Testament in African Scholarship	C	3
CRS 850	Deuteronomistic History and Theology	E	3

Biblical Studies: New Testament

Course Code	Course Title	Status	Units
CRS 828	Advanced New Testament Greek	C	3
CRS 830	Literature and Theology of St. John	E	3
CRS 852	Current Trends in New Testament Scholarship	C	3
CRS 854	New Testament Exegesis	C	3

Philosophy of Religion

Course Code	Course Title	Status	Units
CRS 834	Theistic Arguments	C	3
CRS 836	The Problems of Evil	C	3
CRS 838	Metaphysical Issues in Religion	E	3

Religious/Social Ethics

Course Code	Course Title	Status	Units
CRS 842	Social Relevance of Religion	C	3
CRS 846	Problems of Personal Deviation	E	3
CRS 860	Special Problems in Ethics	C	3

Sociology of Religion

Course Code	Course Title	Status	Units
CRS 840	Christian Ethics and African Culture	C	3
CRS 842	Social Relevance of Religion	E	3
CRS 844	Theoretical Orientation for Social Change	C	3

5.6 COURSE DESCRIPTIONS**CRS 801: Research and Data analysis in the Humanities (3C, 1st Semester)**

The course examines research methods as well as methods of collating and collecting both oral and written data for the purpose of writing scholarly papers dissertation and thesis. The use of such data in the field of Religious Studies is examined. The course also examines the import of Statistics to Data Analysis; the relationship between different methods of Analysing Data, especially in the humanities.

CRS 802: Relations among People of Living Faiths (3C, 2nd Semester)

A study of dialogue in an effort to promote better understanding among different religious groups; representative documents on the principles of dialogue. The various types of dialogue and their relevance among people of living faiths. The history of the relations between adherents of the three main religions. African Religion, Islam and Christianity and the future prospects of dialogue.

CRS 803: Entrepreneurship and the Ethics of Success (3C, 1st Semester)

The course exposes students to the basic tool in entrepreneurship and helps to build into the students the art of self-sufficiency. It introduces the student to the various laws governing the economic life, such as the law of demand and supply, marketing, etc.

CRS 804: Strategic Planning in Church Administration (3C, 2nd Semester)

Strategic planning and how it can be applied to the Church settings. Strategic planning as the process of documenting and establishing a direction of small business—by assessing both where you are and where you're going. How strategic plan gives a place to record the mission, vision, and values, as well as long-term goals and the action plans to be used in reaching the goal of the business/Church. It will

examine the benefits of Strategic planning, communicating Strategic planning, identifying the strengths and weaknesses as well as setting the direction of business/church and fostering a proactive Church.

CRS 805: Healing in African Religion and other Faiths (3E, 1st Semester)

The course examines cross-cultural comparative studies of different healing, divination and spirit possession cults in African traditional religion. This is compared to what operates in other Faiths, notably Christianity and Islam. It traces the African roots of spirit possession, cults in the new world especially voodooism in Haiti and Brazil and finds parallels with African settings.

CRS 806: Pentecostalism in Africa (3C, 2nd Semester)

The course provides a historical development of Pentecostalism as a global phenomenon as it affects Africa, global shift of Christianity in Africa and the role of Pentecostal Churches in Africa. It pays attention particularly on Pentecostal growth, strategies of growth, leaders and the role of the media in propagating Pentecostalism.

CRS 807: Themes in African Contemporary Church History (3C, 1st Semester)

The course will study new developments in the church in Africa, new patterns of church growth; new Pentecostal and charismatic churches since the 1950s, new religious pseudo-Christian movements, church economics, youth and the church will be examined closely.

CRS 808: Early Christians and Scholastic Philosophers (3C, 2nd Semester)

This course is an investigation into the writings of some Christian philosophers from the early Church period to the Scholastic period (between the 11th and 13th centuries). It considers some philosophical schools of thought such as Epicureanism; Stoicism and neo-Platonism of Plotinus, which influenced early Christian thought and philosophy.

CRS 809: African Church Historiography (3C, 1st Semester)

This course outlines and critically examines the method of doing African church history within the context of the scientific study and writing of history. It also studies tools for the study of African Christianity, problems of oral tradition in church history, missionary and church historical documents and ways of preserving local church history.

CRS 810: African Christian Theology (3C, 2nd Semester)

Discusses the need for African Christian Theology, historical development of African Christian Theology, methodological problems in evolving African Christian Theology, current typologies of African Christian Theology and outlines hermeneutical principles by which to evaluate current issues and trends being addressed by third world theologians.

CRS 811: Religious Cults in Africa (3C, 1st Semester)

This course examines the significance of secret cults, their categories and functions in African societies.

CRS 812: African Concepts of Man (3C, 2nd Semester)

Man's origin as conceived by various African societies. The constituent elements of man; human destiny and the concept of the hereafter.

CRS 813: Symbolism in African Religion (3C, 1st Semester)

The nature and functions of myth and symbol in religious beliefs, rituals and organization, symbolism of bodily signs and omens, cultic events, colour symbology, numerology, etc.

CRS 814: Ethical Issues in African Religion (3E, 2nd Semester)

Moral values in African religion; concepts of goodness and the problems of evil-supernatural crimes and the ethical role of the divinities; covenant, truth telling, integrity, probity, social and sexual discrimination.

CRS 815: The Development of Protestantism (3C, 1st Semester)

The course deals with the sixteenth Century Church of Reformation. It also focuses on the rise of Protestantism, Lutheran Reformation. Calvin and the free churches, Nationalism and Denomination. The significance of the reformation in Western History and the Church and its denominations in Nigeria.

CRS 816: The Growth and Development of Christianity in African (3C, 2nd Semester)

History of the development of Western Missions in Africa; the theology and anthropology of the African Churches and the development of Modern Ecumenism, independent Churches in Africa, and the Church Council of Nigeria and the Independent Churches.

CRS 817: Indigenous Churches in Africa since 1888 (3C, 1st Semester)

History of Indigenous Churches in West Africa – the emergence of the African Churches and the Prophetic Churches in West Africa. The significance and the influence of the indigenous Churches.

CRS 818: Spirituality and Mission in Africa (3E, 2nd Semester)

Examination of the impact of African heritage on Christianity enrolment, revitalization and reshaping particularly of the evangelical and missionary movements in Africa, the contexts out of which this is done.

CRS 819: Contemporary Issues in Christian Theology (3C, 1st Semester)

The context out of which Christian theologies arise particularly in “the Third World”. The methodology and content of specified texts dealing with issues relevant to Christianity in Africa.

CRS 820: Contextual Theology (3C, 2nd Semester)

The study of the way theology is shaped by the context in which it develops, how existing belief systems, philosophic and cultural setting and particular historical events influence the theology of religious thinkers. Specific studies of some selected theologians e.g. Ignatius, Cyprian, Augustine, Aquinas; Modern and contemporary thinkers.

CRS 821: Christology and Soteriology (3E, 1st Semester)

Relation between Christology and Soteriology and the relevance of the dogmas of Christology and Soteriology for doctrine of salvation in Africa. Specific studies of selected texts particularly early works in the Church.

CRS 822: Christian Unity in Contemporary Times (3E, 2nd Semester)

Doctrine of the Church as body of Christ. The influence of the 19th Century – Ecumenical efforts. Current history on Christian cooperation in Africa.

CRS 823: Contemporary African Theologian (3E, 1st Semester)

The different theological perspectives on such themes as salvation, eschatology, incarnation, creation, sin etc, as found in the works of African theologians. Specific study of the works of African theologians – J.B. Danquah, K. A. Dickson, E.B. Idowu, B.H. Kato, J.S. Mbiti, W. Mulago, J.N.K. Kudajie, E. Ilogu, K.A. Opoku, K. Appiah-Kubi, D. Tutu, H. Sawyer, M. Oduyoye, etc.

CRS 824: Ecclesiology in Christian Thought (3E, 2nd Semester)

Christian evangelism and the Church's self-understanding: the mystical body of Christ in the World but not of the world. The various orders and ministrations in the Church.

CRS 825: Theology of the Old Testament (3C, 1st Semester)

Old Testament studies in modern Biblical scholarship: The ancient Near Eastern background to specific Old Testament accounts e.g. the Patriarchal narrative Exodus. Specific themes in modern biblical scholarship, covenant, remnant, holiness, Messiah, election, etc.

CRS 826: Advanced Hebrew (3E, 2nd Semester)

Advanced study of Hebrew syntax and translation. Exegesis of selected texts in specific books of the Old Testament.

CRS 827: Pauline Theology (3R, 1st Semester)

Paul's view of Christian faith-the nominative Pauline theological presentation: Paul's background, and the dominant perspective in his theology. Pauline Soteriology – Paul's Gospel. God's plan of salvation history, Christ's role in salvation, etc. Pauline Anthropology, State of man before Christ, Man is Christ, Pauline ecclesiology – the ecclesia and the demands of Christian living.

CRS 828: Advanced New Testament Greek (3E 2nd Semester)

Advanced study of Greek grammar and translation. Exegesis of selected texts in the Gospel and the Epistles.

CRS 829: Texts and Theology of the Synoptic Gospel (3C, 1st Semester)

This course examines the Greek text of at least two of the Synoptic Gospel and some common Gospel themes particularly in recent biblical scholarship and then implications in the Church's life and mission.

CRS 830: Literature and Theology of St. John (3E, 2nd Semester)

The course deals with the origin, literature and theology of St. John's Gospel, study of the "Book of signs", the exegesis and textual criticisms of the Gospel with prescribed text in Greek and English.

CRS 831: Prophecy in the Old Testament (3E, 1st Semester)

History of the rise of Hebrew prophets particularly in the context of ancient Near Eastern prophecy. Evidence from Mari on the history of prophecy and the function of the prophets during the period of the Monarchy. Specific study of-Isaiah or Amos in English.

CRS 832: Intertestamental Literature (3C, 2nd Semester)

History and development of apocalypticism in late Old Testament time, Evolution of the pseudographical literature, specific study of Daniel, Ezra, Zechariah, Deuteronomy, Isaiah and Enoch.

CRS 833: Major Themes in Contemporary Biblical Scholarship (3C, 1st Semester)

Modern trends in both Old and New Testaments scholarship, Study of the works of selected Biblical scholars representing various schools of thought. Examination of their writings.

CRS 834: Theistic Arguments (3C, 2nd Semester)

Detailed study of the theistic arguments, the origin of the arguments, development and the present stage. The significance of the arguments in the context of contemporary debate on belief in God.

CRS 835: The Freewill/Determinism Debate (3C, 1st Semester)

History of the debate and examination of the works of such thinkers as Ninian, Smart, Antony flew, J.L. Mackie, Alvin Plantinga, etc Relations between Religion and Philosophy.

CRS 836: The Problem of Evil (3C, 2nd Semester)

Examination of the problem of evil in religious belief. A study of at least two theodicies and the problem of evil viewed in the light of reason and faith.

CRS 837: Religion and Science (3E, 1st Semester)

History of the relationship between Religion and Science – the cause of the strain in the relationship and the role of each in their mutual development. Modernity and religious belief. The limits of Science.

CRS 838: Metaphysical Issues in Religion (3E, 2nd Semester)

This course deals with the main metaphysical issues in religion: Issues to be examined include the soul and reincarnation, witchcraft and related beliefs, mythology and symbols, resurrection, death and the last judgment.

CRS 839: Contemporary Issues in the Philosophy of Religion (3C, 1st Semester)

Contemporary trends in philosophy of religion. Issues to be examined include linguistic analysis and religion realism, religion and peace, heaven and earth in the thought of modern man. The Natural Sciences and religious belief. Religious pluralism and personal faith.

CRS 840: Christian Ethics and African Culture (3C, 2nd Semester)

The course will examine the main types of Christian ethics, the relationship between Christian ethics and African culture, Attitudes of different groups to the African cultural heritage.

CRS 841: Social Change and Control (3E, 1st Semester)

This course examines various kinds of social values in institutions, distribution of possession and rewards, personnel, etc. The relativity of social change and social control, internal social processes; strain and conflicts.

CRS 842: Social Relevance of Religion (3C, 2nd Semester)

This course examines the social relevance of religion particularly in its contribution to pattern maintenance, morale or tension management and integration through social control.

CRS 843: Social Problems and Society (3E 1st Semester)

This course examines social problems and the society - the values and the extent of social problems, covert social problems, value change. The role of religion in alleviating or compounding social problems.

CRS 844: Theoretical Orientation for Social Problems (3C, 2nd Semester)

The social problems and the social disorganization approaches: the community approach and value systems approach. Solving social problems: Social psychology and the situation-value approach.

CRS 845: Health and Medicine (3C, 1st Semester)

Traditional African and Western health patterns, Distribution of medical service, The role of the pastor (clinical theologian) in health related problems. Faith healing, the pastor as psychiatrist. Practical field work.

CRS 846: Problems of Personal Deviation (3E, 2nd Semester)

This course studies the problems of personal deviation on at least a specific local community, juvenile delinquency, crime and the criminal, narcotic addiction, alcoholism, suicide, etc.

CRS 847: Marriage and Family (3C, 1st Semester)

History of the family institution, Analysis of the contemporary family, modern men and responsible parenthood, divorce.

CRS 848: Old Testament in African Scholarship (L30, 3C, 1st Semester)

This course examines current African re-reading of the Old Testament. It also provides historical backgrounds to OT text and interpretation from African context. It studies selected Hebrewisms compared to African traditional religion.

CRS 849: Wisdom Literature (3C, 1st Semester)

The course discusses Ancient Near Eastern background, sources, origin and principal genres of Wisdom Literature in the Old Testament; Structural and stylistic analysis of selected passages; Development of principal themes and proverbs in Africa, etc.

CRS 850: Deuteronomistic History and Theology (3C, 2nd Semester)

The course will involve an intensive examination of, as well as an attempt to evaluate the major theories concerning the composition and history of the Deuteronomistic history from North (1943) to the present; A consideration of the principal themes of Deuteronomistic theology, eg. The Deuteronomist and his materials, basic principles and features of the Deuteronomist, covenant; Yahwism, cult, land, etc.

CRS 851: Old Testament in Recent Study (3C, 1st Semester)

The course interrogates current Old Testament approaches to understanding and interpreting OT text. It also examines modern critical biblical with specific reference to the Old Testament.

CRS 852: Current Trends in New Testament Scholarship (3C, 2nd Semester)

This course provides contemporary perspectives in New Testament Studies, with emphasis on the influence of enlightenment on NT biblical research, and methodology. It also discusses scholars such as Rudolf Bultmann, Albert Schweitzer and the Jesus Seminar on NT.

CRS 853: Advanced New Testament Hermeneutics and Exegesis (3R, 1st Semester)

The course studies the application of the tool and principles of hermeneutical exegesis on given biblical periscope to highlight the methodological uniqueness of the application of the principles of the discipline. Use biblical passages from the writings and Jesus' teachings in the gospels

CRS 854: New Testament Exegesis (3C, 1st Semester)

This course applies Hermeneutical principles in exegeting selected New Testament texts such as the Gospel of John, Romans or Ephesians.

CRS 857: Methods of New Testament Interpretation (3C, 1st Semester)

This course presents approaches towards NT interpretation, with emphasis on history of NT interpretation, critical NT studies, New Testament scholars such as Craig Blomberg, Craig Keener, Ben Witherington III, Robert Gundry, etc.

CRS859: Morality and the Pluralistic Society (3C, 1st Semester)

The nature of the pluralistic society such as Nigeria and the distinct morality that arises from it. It identifies morality as moral pluralism, moral relativism, moral liberalism and their implication with special reference to Nigeria.

CRS 860: Special Problems in Ethics (3C, 2nd Semester)

This course outlines and discusses different approach to the study among contemporary scholars. The emphasis is placed on topics such as war and peace, responsibility and technology, democracy and morality, and their historical setting and current phases.

CRS 861: Social Theories of Religion (3C, 1st Semester)

This course examines the religious theories of Comte, Marx, Durkheim, Weber and Freud as related to the meaning and functions of religion in society. It seeks to appropriate their insights as they apply to social development in African and religious factors underlying human personality and human relations.

CRS 863: Religion, Culture and Gender Studies (3C, 1st Semester)

This course is aimed at using religion to bring women into critical focus. However, our emphasis will be an African women theories of gender and sexuality; United Nations and Women Development; African concept and world view on sexuality; Culture and women: values, status, labels and stereotypes; cultural institutions of women's honour, dignity and of denigration of women in world religions; women in African political economy: traditional and modern; women's protest; African women and modern gender ideals.

CRS 871: Morality and Human Right (3C, 1st Semester)

The course deals with the nature, content and justification of human rights. It examines the different kinds and theories concerning them including the protection and limits of rights in general and current issues regarding rights will special reference to Africa and Nigeria.

CRS 898: Seminar Presentation (3C, 2nd Semester)

A seminar paper in the area of specialization; to be approved by the supervisor/ Department and to be presented at the Departmental Seminar.

CRS 899: Dissertation (6C, 2nd & 3rd Semesters)

A topic in the field of Christian Religious Studies to be chosen by the students and approved by the Department. The project should not be more than 15,000 words (excluding the Appendices).

6.0 MPhil/PhD AND PhD IN CHRISTIAN RELIGIOUS STUDIES

6.1 ADMISSIONS REQUIREMENTS

For MPhil/PhD or PhD in Christian Religious Studies, candidates must possess:

- (i) 5 O'Level SSCE/NECO or NABTEB Credits at not more than two sittings.
- (ii) First Degree in Religious Studies from any recognized institution/Seminary or Bible College.
- (iii) Masters' Degree holders with PhD or M.Phil/PhD grade in Religious Studies from any recognized institution.

6.2 CONVERSION STAGES FOR MPhil/PhD CANDIDATES

Candidates registered for the degree of MPhil/PhD and PhD shall be required to pass a minimum of twenty four (24) units in the first year of registration. For MPhil student, there will be an additional six (06) units of MPhil dissertation to be examined and passed before registration for PhD Programme. Grades earned in such courses shall be recorded in the candidate's transcript and permanent record.

Course Work: Candidates must have taken and passed the course work and must have obtained a weighted average of 60% in the examinations or a Cumulative Grade Point Average (CGPA) of not less than 3.50.

A candidate admitted for the MPhil/PhD Programme **MAY** be allowed to proceed to the PhD Programme provided he/she has satisfied the following Conditions:

- (i) The Candidate must submit one (01) reviewed Book and Two (02) Journal articles related to his area of interest and this must be rated and scored by the supervisor
- (ii) The Candidate must submit a publishable Article and Bibliography on a topic related to his area of specialization and this must be rated and scored by the supervisor.
- (iii) The candidate **MUST** present **ONE** Seminar paper in his area of specialization and obtain an average score of not less than 60% at a Departmental gathering where External people within the Faculty and a representative of the PG College may be invited.
- (iv) The candidate must be adjudged to have passed the conversion examination consisting of i, ii, and iii above in accordance with the Redeemer's University Postgraduate College Regulations.

NOTE:

A candidate who is unable to meet the conditions for conversion to PhD and have a weighted average of less than 60% or a CGPA of less than 3.50, will automatically drop out of the Programme.

6.3 REQUIREMENTS FOR GRADUATION

To be awarded a PhD in Christian Religious Studies, candidates must have fulfilled the following conditions:

1. The candidates must register and pass a minimum of 36 units of compulsory and elective courses as follows:
 - (i) Compulsory Courses 18 Units
 - (ii) Elective Courses 09 Units
 - (iii) Seminar 03 Units
 - (iv) Thesis 06 Units
 - Total = 36 Units
2. Carry out a research work and defend the Thesis of an approved topic by the Department within the stipulated period for graduation.
3. Requirement of **TWO (2)** Articles in reputable/or impact factor journal - ISI, Scopus/Schicago must be satisfied before graduation.

6.4 COURSE STRUCTURE: MPhil/PhD and PhD CHRISTIAN RELIGIOUS STUDIES

General Courses (compulsory for all students)

Course Code	Course Title	No of Units	Remarks
CRS 901	Abrahamic Faiths	3	Compulsory
CRS 902	Entrepreneurial Studies	3	Compulsory
CRS 903	Research Methods in the Humanities	3	Compulsory
CRS 904	Computer Appreciation and Application	3	Compulsory
CRS 905	Seminar Presentation	3	Compulsory
CRS 906	Christianity and Social Works	3	Compulsory
CRS 999	PhD Dissertation	6	Compulsory

OTHER AVAILABLE COURSES: Elective courses are to be taken from candidates' area of specialization.

Course Code	Course Title	No of Units	Remarks
CRS 910	Methods and Perspectives in Old Testament	3	Elective
CRS 911	Religion, Culture and Gender Studies	3	Elective
CRS 912	Religion and Social Institutions in Nigeria	3	Elective

CRS 913	New Religious Movements in Africa	3	Elective
CRS 914	New Testament Language and Methods	3	Elective
CRS 915	Christian Unity in Modern Period	3	Elective
CRS 916	Foundation of African Religious Ethics	3	Elective
CRS 917	History and Growth of African Christianity	3	Elective
CRS 918	Critical Problems and Methods in the Study of the Gospels	3	Elective
CRS 919	Hermeneutics and Exegesis	3	Elective
CRS 920	Old Testament in African Scholarship	3	Elective
CRS 921	African Christian Theology	3	Elective

Available courses for the First Semester

Compulsory for all students

Course Code	Course Title	No of Units	Remarks
CRS 901	Abrahamic Faiths	3	Compulsory
CRS 903	Research Methods in the Humanities	3	Compulsory
CRS 905	Seminar Presentation	3	Compulsory

Elective Courses (Students are expected to take at least 2 courses in their areas/related areas of specialization)

Course Code	Course Title	No of Units	Remarks
CRS 911	Religion, Culture and Gender Studies	3	Elective
CRS 913	New Religious Movements in Africa	3	Elective
CRS 915	Christian Unity in Modern Period	3	Elective
CRS 917	History and Growth of African Christianity	3	Elective
CRS 919	Hermeneutics and Exegesis	3	Elective
CRS 921	African Christian Theology	3	Elective

Second Semester Courses

Compulsory Courses for All students

Course Code	Course Title	No of Units	Remarks
CRS 902	Entrepreneurial Studies	3	Compulsory
CRS 904	Computer Appreciation and Application	3	Compulsory
CRS 906	Christianity and Social Works	3	Compulsory

Elective Courses (Students are expected to take at least 2 courses in their areas/related areas of specialization)

Course Code	Course Title	No of Units	Remarks
CRS 910	Methods and Perspectives in Old Testament	3	Elective
CRS 912	Religion and Social Institutions in Nigeria	3	Elective
CRS 914	New Testament Language and Methods	3	Elective
CRS 916	Foundation of African Religious Ethics	3	Elective
CRS 918	Critical Problems and Methods in the Study of the Gospels	3	Elective
CRS 920	Old Testament in African Scholarship	3	Elective

Subsequently every semester until graduation

CRS 999	PhD Thesis	6	Compulsory
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6.5 MPhil/PhD and PhD COURSE DESCRIPTIONS

CRS 901: Abrahamic Faiths (3C)

The course shall examine the story of prophet Abraham the father of the living faiths from the traditions of Judaism, Christianity and Islam fundamentals of Abrahamic mission, and principles, tripartite dialogue discourse and harmony between Judaism, Christianity and Islam shall be highlighted and discussed. Various types of dialogue and their relevance in religiously pluralize society shall also be studied.

CRS 902: Entrepreneurial Studies (3C)

This is an advanced study into entrepreneurial studies. The course exposes students to the basic tool in entrepreneurship and helps to build into the students the art of self-sufficiency. Therefore, it introduces the student to the various laws governing the economic life, such as the law of demand and supply, marketing etc.

CRS 903: Research Methods (3C)

The course is an advanced study into research methods in the humanities. It studies the methods of research into the various areas of religious studies with emphasis on documentation, analysis and interpretation of data. Different methods of research will be highlighted with the view to making the student to know the different methodologies available. This is an advanced course in statistics and Data analysis. The course examines the import of Statistics to Data Analysis; the relationship between the two and different methods of Analysing Data, especially in the humanities.

CRS 904: Computer Appreciation and Application (3C)

In today's world, Information Communication Technology has become a must for every individual and particularly research-oriented students. Thus, this course is designed to equip students with the basic information in an Information driven age. The course will also expose students to basic computer operations, its benefits in modern times, its uses, types, and different devices in computer operation. It will help students identify the software packages i.e software and system software, input, output and storage devices, the operating system, the use of the internet e.t.c

CRS 905: Seminar Presentation (3C)

A paper presentation, at the Departmental Seminar on an approved topic by the supervisor/Department on the students' area of specialization.

CRS 906: Christianity and Social Works (C)

The course will reflect theologically on local manifestations of human need and poverty, create opportunities for church leaders to become actively involved in development work, be able to determine how development work is influenced and shaped by biblical principles, obtain clarity on theological issues pertaining to development and systematically develop the "concept of Church in Society".

CRS 910: Methods and Perspectives in Old Testament (3E)

The focus of this course is building interpretative skills. In addition to learning and applying critical methods and perspectives to various texts, students will also examine the philosophical and theological presuppositions of the methods and perspectives in Old Testament studies. Students will consider issues relating to the interpretation of the text, such as the canonical process, the authority of the text, such as the canonical process, the authority of the text, the relationship of the Old Testament to the New, History of Old Testament Biblical criticism; Methods and perspectives of the Old Testament: Textual criticism, Source criticism, Form criticism and tradition history, Redaction criticism, Canonical criticism,, Rhetorical criticism, Narrative criticism, Psychological criticism, Socio-scientific criticism, Postmodernist criticism. The course will end with a review of notable Old Testament Biblical critics.

CRS 911: Religion, Culture and Gender Studies (3E)

This course is aimed at using religion to bring women into critical focus. However, our emphasis will be an African women theories of gender and sexuality; United Nations and Women Development; African concept and world view on sexuality; Culture and women: values, status, labels and stereotypes; cultural institutions of women's honour, dignity and of denigration of women in world religions; women in African political economy: traditional and modern; women's protest; African women and modern gender ideals.

CRS 912: Religion and Social Institutions in Nigeria (3C)

This is a study of the religious content and between religion and other institutions, structure systems in different religions and spheres of the world. Emphasis will be on the main and sub-institutions of society: religion and economic institutions, religion and political systems, judiciary, sacred monarchy/kingship, marriage and family, secret societies, health, welfare institutions age grade system and so on.

CRS 913: New Religious Movements in Africa (3C)

The course examines the rise of New Religious Movements, the Typology of New Religious Movements in Africa Traditional Religious, Islam and Christianity. It also examines the first wave of the Africa Churches and for their rise with particular attention to Aladura praying movements, healing Churches, prayer houses and Messianic Churches. The course deals with the place of Abiodun Emmanuel and Garrick Braide, the new wave of Pentecostalism, public response to New Religious Movements and concludes with New Religious Movements and Contribution to the Modernization of Nigeria

CRS 914: New Testament Language and Methods (3E)

The course examines the relationship between the biblical authors and contemporary readers in terms of time; language; the differences between the "there and then" and the "here and now"; methodological developments. It covers the explication of the biblical content, the critical and constructive reflection, and the practical application on the texts.

CRS 915: Christian Unity in Modern Time (3E)

The doctrine of the church in the nineteenth century English theologians and its effect on the twentieth century ecumenism. An opportunity will be provided for field work on how these inherited ecclesiologies are reflected in efforts at Christian co-operation in contemporary Africa.

CRS 916: Foundation of African Religious Ethics (3E)

The course examines the historical development of religious ethical teachings; it investigates the sources of religious ethics, including God, divinities, natural law, customs, education, taboos, prohibitions, sanctions, myths, folklores, fairy tales, proverbs, professional codes of ethics, and oracle. The ethics is taught by methods of oral traditions, plays, storytelling, apprenticeship and imitation. Conflict with modern system of ethics and its decline will be examined comparatively.

The course also analyses personality and legal models of ethical decision making, including an investigation into the use of sources, scriptures, human reason, and experience. Theological notions of virtue and sin, good and evil, the nature and role of personal conscience and conversion are emphasized. The validity of moral norms and moral absolutes in a contextual age is investigated.

CRS 917: History and Growth of African Christianity (3E)

The course attempts a study of the origin and growth of African Christianity in its total religious, socio-political and cultural context with the aim of determining the African spirituality since the attainment of religious independency from the mission churches. The course also helps to point the way for the church to exist in post- Christian era in Africa.

CRS 918: Critical Problems and Methods in the Study of the Gospels (3E)

The course studies the Synoptic problem, Relation between the Synoptic Gospels and the Fourth Gospel; Relation between the Acts of the Apostles and Paul's letters; Background to Paul's letters; Third World Theologies; Contemporary Theological Issues (Gay, Stem Cell Research and Anglicanism and the Global South, etc); Pentecostalism; Interpretation of the New Testament in African Context. The course studies current trends in New Testament scholarship, and interpretation of the New Testament in African scholarship.

CRS 919: Advanced Hermeneutics and Exegesis (3E)

The course studies the application of the tools and principles of hermeneutical exegesis on given Biblical periscope to highlight the methodological uniqueness of the application of the principles of the discipline. Use biblical passages from the writings and Jesus' teaching in the gospels.

CRS 920: Old Testament in African Scholarship (3E)

This course examines current African re-reading of the Old Testament. It also provides historical backgrounds to OT text and interpretation from African context. It studies selected Hebrewisms compared to African traditional religion.

CRS 921 African Christian Theology (3E)

Discusses the need for African Theology, Historical development of African Christian theology, methodological problems in evolving African Christian Theology, current typologies of African Christian Theology and outlines hermeneutical principles by which to evaluate current issues and trends being addressed by third world theologians.

6.6 STAFF LIST

NAME	QUALIFICATIONS	STATUS	SPECIALIZATION
Prof. A. O. Dairo	BA, MA, PhD (Ibadan); MPA, (Ogun); Professional Cert. Public Relations	Professor & Head of Department	Biblical Literature and Theology, Contextual Theology, Church Administration and Women Studies
Prof. B. Adedibu	BSc; MA; PhD	Professor	Church History/Pentecostal Theology/Missiology
Dr O. Shogunle	BA (Hons), M A, PhD (OOU)	Senior Lecturer	Biblical Literature and Theology/ Old Testament/Contextual Theology.
Dr D. Adegbite	BD (Wales, Cardiff); PGD (London), MA Theology (Bethel, London); MA PhD (Ife)	Senior Lecturer	Biblical Studies, New Testament/Christian Theology
Dr A. O. Abodunrin	BA; PGDE; MA (Ilorin); PhD (Anyigba)	Lecturer I	Biblical Studies/ Christian Theology, Islamic Studies
Dr G. F. Alabi	BA; MA; MPhil, PhD (OOU)	Lecturer I	Biblical Theology/Ethics
Dr J. Ademola	BTh, BA; MA; PhD (Ago Iwoye)	Lecturer I	Biblical Studies/ Christian Theology
Dr I. Olawuni	BA; MA; PhD (OAU)	Lecturer II	Sociology of Religion
Dr Joseph O. Fashola	BA (Benin); MA; PhD (Ibadan)	Lecturer II	Philosophy of Religion

CHAPTER NINE

DEPARTMENT OF THEATRE ARTS

1.0 PHILOSOPHY

The philosophy of the Department of Theatre Arts concerning this programme is to provide one of the finest centres for the study and creation of theatre and drama at postgraduate level in the country through a reflective and critical contribution to innovation in contemporary production and performance practice. This new programme is unique in its offering of a composite coverage of the socio-historical contexts and philosophical bases of drama, performance and theatre practices and traditions in Africa.

2.0 OBJECTIVES OF THE PROGRAMME

This one-year full-time or two-year part-time programme of study aims to provide a comprehensive and composite coverage of the historical contexts and philosophical bases of drama, theatre and performance practices in Africa. It will thus involve the student in a study of indigenous performance and theatre traditions, colonial and postcolonial literary drama and theatre, popular performances, theatre-for-development, radio and television drama, and the African video drama/film.

The programme hopes to prepare graduates for professional employment in any position that has to do with the theatre/ performance in any form that requires solid intellectual preparation and contribution. In addition, graduates can use this programme as a springboard for further study, either vocational or intellectual (entry into PhD programme) and for entry into the academic profession.

The broad range of interests combined in this programme permits a diverse range of employment connected with performance in many different socio-cultural environment: facilitation and animation in both mainstream, applied and community theatre contexts; administrative and support services; government organizations (immigration, cultural policy, funding bodies); journalism (including radio, television and print journalism); teaching at all levels; interpretation and translation in theatre and performance contexts. The multiple skills developed by this programme provide graduates with the flexibility necessary for creative insertion into the job market.

The programme hopes to prepare graduates for professional employment in any position that has to do with the theatre/ performance in any form that requires solid intellectual preparation and contribution. In addition, graduates can use this programme as a springboard for further study, either vocational or intellectual and for entry into the MA programme.

The broad range of interests combined in this programme permits a diverse range of employment connected with performance in many different socio-cultural environment: facilitation and animation in both mainstream, applied and community theatre contexts; administrative and support services; government organizations (immigration, cultural policy, funding bodies); journalism (including radio, television and print journalism); teaching at all levels; interpretation and translation in theatre and performance contexts. The multiple skills developed by this programme provide graduates with the flexibility necessary for creative insertion into the job market.

3.0 AREAS OF SPECIALIZATION

The programmes have been designed with focus on the following areas of specializations:

8. Historicism
9. Drama and Performance Studies
10. Technology/ Scenography and Aesthetics

11. Theatre/ Arts Management
12. Cultural Studies
13. Media Studies
14. Applied Theatre/ Theatre for Development
15. Film Studies

4.0 ADMISSION REQUIREMENTS

Successful applicants will normally hold a first degree at second class level or higher (or its equivalent in the case of applicants from abroad) in an arts or humanities subject. They should demonstrate in their written application and at interview, in person or by telephone, that they have a capacity for, and interest in, theoretical, analytical work or practice led research; similarly, that they are able to meet the intellectual demands of a programme designed to be theoretically and practically challenging. They are expected to be able to engage with historical research, as well as have some awareness of how contemporary performance and theatre in Africa involves a diversity of forms, practices and traditions.

5.0 ASSESSMENT OF WRITTEN WORK

Student's written work will be assessed in accordance with (a), the Faculty/ Theatre Department's generic grading criteria, and, (b) by the specific grading criteria identified for any given course.

In relation to coursework essays, students are assessed with regard to:

- i. An ability to write lucidly with focused relevance
- ii. An ability to identify and examine key issues in relation to the work in hand
- iii. An ability to draw upon and evaluate primary and secondary sources as appropriate
- iv. An ability to sustain a critical response through the developpe of coherent analysis
- v. Evidence of insight, intelligence and stylistic aptitude in presenting written criticism.
- vi. An ability to structure and sustain a coherent argument at an appropriate level

6.0 SPECIAL SUPPORT FOR LEARNING AND RESOURCES

The Department recognizes the importance of supporting students' learning with high quality teaching that is responsive to their individual and collective needs. The programme has been designed to be as accessible as possible to all students.

The college also provides a range of other student support services. Details can be found in the students' Handbook.

(i) The Theatre Department has dedicated specialist facilities, such as the BOJA Arts Theatre and additional studio/rehearsal/performance spaces. Technical support is provided by the availability of lighting/intensity control equipment, sound and video recording studios, plus scenic construction and costume/wardrobe facilities.

(ii) The Department is affiliated with both international and national art/theatre organisations. Such as the International Federation of Theatre Research (IFTR), African Theatre Association (AFTA) together with its journal, African Performance Review, and the Society of Nigerian Theatre Artists (SONTA) with its journal, Nigerian Theatre Journal. These organisations provide unique research and professional contact facilities for students on the Theatre Arts programmes.

(iii) Expertise is provided by the Department's resident staff who are not only dedicated and experienced teachers, but are also distinguished practitioners and researchers in their own right, working in national and international contexts. The Department also draws on a large pool of visiting practitioners and academics to provide a breadth of expertise and contact with current practice.

(iv) Assistantship/Internship

The doctoral programme is a research programme. Full time candidates may be engaged as Teaching Assistants in the course of their programme while those with specialist skills in certain technical areas where the department requires short time manpower could enjoy internship with approved financial stipend depending on available support. The candidate may wish to carry out this Internship (if required) outside the department for data collection/comparative or verification purpose for a period not exceeding six (6) months.

7.0 METHODS

The Department recognises the importance of supporting student learning with high-quality teaching on a predominant small-group seminar/workshop basis with significant levels of individual tutorial support, particularly for independent projects. The programme coordinator and course lecturers are available to discuss any issues arising throughout the course of study. All members of staff have office hours each week to discuss any matters; outside these hours, student may arrange an appointment with any member of staff via email or telephone.

Programme and course information, a student handbook, as well as timetable details are sent to students in advance of the beginning of Semester. Students are also expected to attend special induction meetings prior to the commencement of teaching. When they are offered further guidance regarding timetables and enrolment procedures.

Students will be strongly encouraged to develop and maintain a Personal Development Plan (PDP) during the course of study. This PDP will record aspirations, plans and goals, record achievement against goals, and enable progress monitoring in order to achieve personal student aims. The course convenor will be available to discuss PDPs with students. The PDP will be integrated within a general portfolio of all assessment feedback and marks via a central resource.

8.0 WELFARE

The programme convenor acts as a Personal Tutor to all students on this programme: to offer advice, guidance or clarification of courses, options, requirements and regulations; and to monitor the student's progress through the programme. The Personal Tutor can also offer support in cases of academic difficulty. If students encounter difficulties at any time with their studies, the course convenor and other course tutors/Lecturers can provide additional academic support whilst the Head of Department and the Programme Convenor are available by appointment to discuss welfare-centred issues. In addition to specialist advice and assistance within the College, the Department ensures that course materials are suitable for all students and, where necessary, these are altered to meet the requirements of individual students.

9.0 QUALITY AND STANDARDS ASSURANCE AND EVALUATION

As part of the Department of Theatre's Quality and Standards Assurance procedure, students play an active role by providing regular feedback through Course Evaluation, which they complete at the end of every course taken on the programme. In addition, students contribute to the Programme Monitoring (Evaluation) System as members of a departmental staff/student committee responsible for programme monitoring.

10.0 THE POSTGRADUATE DIPLOMA PROGRAMME

This one-year full-time or two-year part-time programme of study aims to provide a comprehensive and composite coverage of the historical contexts and philosophical bases of drama, theatre and performance practices in Africa. It will thus involve the student in a study of indigenous performance

and theatre traditions, colonial and postcolonial literary drama and theatre, popular performances, theatre-for-development, radio and television drama, and the African video drama/film.

10.1 ADMISSIONS CRITERIA

Successful applicants will normally hold a BA, BSc not below Third Class or its equivalent in the case of applicants in Arts or Humanities or Social Sciences or the Sciences and Engineering field as determined by the department or Higher National Diploma (HND) at a grade not below Lower Credit. They must demonstrate in their written application and in interview, in person or by telephone, that they have a capacity for, and interest in, theoretical, analytical work or practice led research; similarly, that they are able to meet the intellectual demands of a programme designed to be theoretically and practically challenging. They are expected to be able to engage with historical research, as well as have some awareness of how contemporary performance and theatre in Africa involves a diversity of forms, practices and traditions.

10.2 GRADUATION REQUIREMENTS (PGD)

(i) To be awarded the PG Diploma in Theatre Arts a candidate must have taken and passed the prescribed number of compulsory and optional courses selected from the approved list, and giving a total of 36 units as follows:

Compulsory Courses	-	24units
Elective Courses	-	6units
Dissertation	-	<u>6 units</u>
Total		<u>36 units</u>

- (xi) In all cases, PGD students must write and submit to the department a dissertation duly supervised by a lecturer(s) in the department whose qualifications are not below the PhD (Lecturer I without a PhD may be allowed in an exceptional case). Such a Dissertation must be defended before an external examiner nominated by the department and appointed by Senate for that purpose.
- (xii) Any candidate whose total grade is 60% and above at the end of the year of course shall qualify to proceed on MA, while the candidate with grade between 50 and 59.9% will be awarded a terminal PG Diploma. A PGD candidate whose total grade is below 50% at the end of the year of course shall be deemed to have failed and will not be awarded any diploma and shall be required to withdraw from the university or in the alternative start over.

10.3 COURSE REQUIRMENTS

All students on the programme take at least twelve (10) courses and complete a dissertation - these consist of eight compulsory courses, two optional courses and one compulsory dissertation over two semesters or twelve months. The programme may be taken full-time (12 months) or part-time for the duration of two years respectively. For full-time students, the programme runs over three semesters, of which Semester One is devoted to four compulsory courses and at least one optional course, Semester Two comprises four compulsory courses and at least one optional course, with the writing of dissertation.

1. FULL TIME: FIRST SEMESTER

		L	T	P	U
THA 801	Pre-colonial African Theatre & Performance	0	0	0	3
THA 803	Theatre History: Classical to Renaissance	0	0	0	3
THA 805	Theatre Production and Workshop Practice I	0	0	0	3
THA 807	Research Methodology	0	0	0	3
	TOTAL				12

SECOND SEMESTER

		L	T	P	U
THA 802	Advance Studies in Festivals and Carnivals	0	0	0	3
THA 804	Dramatic Theory and Criticism	0	0	0	3
THA 806	Nigerian Literary Dramatists	0	0	0	3
THA 808	Theatre Production and Workshop Practice II	0	0	0	3
THA 849	Dissertation	0	0	0	6
TOTAL					18

ELECTIVE COURSES

Select at least one course each from each semester

Elective A (First Semester) – Please select two courses

		L	T	P	U
THA 809	Art of Directing in the Theatre	0	0	0	3
THA 811	Theatre Administration & Performance Management	0	0	0	3
THA 813	Art of Playwriting for the Stage	0	0	0	3
THA 815	Acting and Improvisation in the Theatre	0	0	0	3
THA 817	Costume/ Make-up Design Arts	0	0	0	3
THA 819	Dramatic Literature: Tragedy and Comedy	0	0	0	3
THA 821	Studies of Film Genre and Criticism	0	0	0	3

Elective B (Second Semester) – Please select two courses

THA 810	Events Management and Administration	0	0	0	3
THA 812	Theory and Practice of Dance	0	0	0	3
THA 814	Theatre and Gender Studies	0	0	0	3
THA 816	Screenwriting	0	0	0	3
THA 818	Theory and Practice of Music	0	0	0	3
THA 820	Applied Theatre/ Theatre for Development	0	0	0	3
THA 822	Theatre Technology	0	0	0	3

10.4 COURSE DESCRIPTION

THA 801: Pre-colonial African Theatre and Performance

This course is an in-depth query of the notions and concepts of performance and theatre in Africa prior to colonization of the continent. It focuses on the various indigenous oral performances of Africa, such as the masquerades, rituals, trance and possession, musical performances, comic and satiric sketches, and dance theatre. The aim is to study each performance in relation to its cultural context. Emphasis will be on methods of production and reception, notions of space, performer & spectator relationship, theories and roles of dance and music in African performance. Analysis will draw from cultural theory, anthropology, ethnography, philosophy, and aesthetics, among others.

THA 802: Advance Studies in Festivals and Carnivals

The course takes a look at our oral performances traditional and traces the growth and development into the public celebratory form of cultural and traditional activities. It will examine carnival as a distinct performance from stage performance or written plays. Emphasis will be on the different indigenous

festivals in many part of Nigeria, ritual and the secular, and how they are different from the various carnivals in the country. It will trace some carnivals in Nigeria and other countries like Brazil, Trinidad and Tobago, Barbados, Cuba and so on, through historical development to their present form.

THA 803: Theatre History: Classical to Renaissance

This course focuses on the development of theatre through history from the ancient Abydos theatre of Egypt through the classical Greece and Rome through to Renaissance Europe. It will emphasis some theatrical forms that emerged during the periods.

THA 804: Dramatic Theory and Criticism

This course focuses on the study of different dramatic theories and the application to criticism of texts and performances.

THA 805: Theatre Production and Workshop Practice II

Independent students' production of a play, scripted or improvised, stressing all the arts of the theatre. If the option of adaptation is considered, the script used for the theatre production workshop must be written by the class and made available to the lecturer-in-charge.

THA 806: Nigerian Dramatists

This course looks at some selected dramatists from Nigeria for the purpose of analysis of their plays. Emphasis will be on the interaction between the selected dramatists and the Nigeria's socio-political environment.

THA 807: Research Methodology – 3C

This course introduces advanced scholarly research and writing practices in the fields of Theatre and Performance Studies and in academic scholarship in general. It places emphasis on language, historiography, ethnography, and performance-as-research, as well as performative writing using universally acceptable styles. Questions that shape this course include: how and what do we see when we consider performance events in theatres or city spaces? How do we record, analyse, and disseminate these events? What frames (institutional or discursive) shape the objects of our analysis? What ethics, aesthetics, and politics of space, archives and print cultures determine our access to and understanding of the contours of theatre and performance?

THA 808: Theatre Production and Workshop Practice II

This course is the second part of the production workshop. It is an independent students' production of a play, scripted or improvised, stressing all the arts of the theatre. If the option of adaptation is considered, the script used for the theatre production workshop must be written by the class and made available to the lecturer-in-charge.

THA 809: Art of Directing in the Theatre

This course is a study of the different theories that guide that art of play directing and the knowledge of some important directors in both Western and African theatre. The course will enable students to have a grasp of stage division and actor's movement on stage.

THA 810: Events Management and Administration

This course is a study into the theories that guide the practice of events management. This course focuses on what constitute events and the principles to be adopted in any type of events from the private, to the corporate, social, theatrical/ musical/ entertainment and sports. Emphasis will be placed on small events like meetings, seminars, organizations' annual general meetings, wedding and show business.

THA 811: Theatre Management and Administration

This course is an advance study and practice of both the principles and practice of performance management, venue administration and the duties of a theatre manager, from play selection through rehearsals, up to the run and strike, publicity, box office and house management, as well as public relations and marketing. It will also focus on what constitute events and the functions of an events manager.

THA 812: Theory and Practice of Dance

This is a course that combines theory with practice where students are to devise and take part in different African and other dances (Traditional and modern). It teaches students the principles of movement notation.

THA 813: Art of Playwriting for the Stage

This course is a basic study of the theory and the practice of playwriting. Dynamics of play structure, challenges of play scripts for directors, actors, designers and technicians.

THA 814: Theatre and Gender Studies

This course covers an in-depth study of feminism, chauvinism or masculinity, transgender including what falls within area of queer studies in dramatic literature.

THA 815: Acting and Improvisation in the Theatre

This course is designed to involve students in the practice of acting major roles in scripted or non-scripted plays. A study of speech production in the plays they have acted becomes important in this course. Students are expected to apply the study to practical rendition in a theatrical production for evaluation by the lecturer-in-charge

THA 816: Screenwriting

This course focuses on the art of scripting for the screen. Students will understand the principle of doing a screenplay for film and television drama, talk show, documentary, and so on. At the end of the course, it is expected that a complete screenplay will be done by each of the students.

THA 817: Theatre and Gender Studies

This course covers an in-depth study of feminism, chauvinism or masculinity, transgender including what falls within area of queer studies in dramatic literature.

THA 818: Theory and Practice of Music

This course is a survey of various types of music practiced in selected parts of the world. Emphasis is placed on the theoretical models and practical acquisition of competence in composition, arrangement, singing and instrumentation. conceptual approaches to chosen type of music

THA 819: Dramatic Literature: Tragedy and Comedy

This course is a study in form, meaning and significance of tragedy and its other variants, comedy and other comic forms, including satire, farce and burlesque. An in-depth study of selected plays from the repertoire of world drama would be carried out.

THA 820: Applied Theatre/ Theatre-for-Development

This course deepens students' understanding of the various theories and practices of Applied Theatre and Theatre-for-Development in Africa and the rest of the world. The course is designed to enable students to critically examine these approaches, as well as interrogate other predominant theories and practices, such as Augusto Boal's Theatre of the Oppressed, applied theatre, interventionist theatre and theatre education. In the process it is hoped the course will enable the students to acquire intellectual,

professional and personal skills for work with target groups and communities. The course will provide an overview of theoretical concepts and practices of Applied Theatre and Theatre for Development. Applied Theatre practice purports to do something, to encourage social change. But what are the ethics and politics of drama practice which seeks to facilitate this change? What do these questions reveal about the possibilities and limitations of Applied Theatre practice? What do they reveal of the contexts within which the work takes place?

THA 821: Studies in Film Genre and Criticism

This course is to deepen students' knowledge of the different types of film, genre and how to critically analyse them. Students will assess films from Nigeria and other part of the world and look at production methods from these countries. The course emphasises: theory of film and or practical production. Students will go to the cinema and see a film selected by the lecturer-in-charge and subsequently submit a term paper based on the analysis. In a rare case, students may be expected to produce a short film or a documentary as part of the requirement for the course.

THA 822: Theatre Technology

This course is a study of the basic principles of theatre design and technology, scene design construction, properties, sound, lighting design and execution will form the focus in this course

THA 849: Dissertation

This mandatory course is intended to develop your research, knowledge, and understanding within a particular area under the rubric of theatre, performance and culture. It may substantially develop work begun elsewhere on the course, or it may pursue suitable material not substantially addressed elsewhere on the course. In either case, it will extend learning and skills developed in the field of theatre and performance. The purpose of the dissertation is: to enable you to pursue advanced extended research; to develop your skills in independent research and project co-ordination; to promote and develop skills in critical and independent thinking; and to enable you to participate in the direction and evolution of the discipline. Additional compulsory dissertation workshops will prepare students in research skills, in accordance with Theatre Arts practice.

11.0 MASTER OF ART (MA) PROGRAMME

11.1 GRADUATION REQUIREMENTS FOR MA

(i) To be awarded the MA degree in Theatre Arts a candidate must have taken and passed the prescribed number of compulsory and optional courses selected from the approved list, and totalling 36 units as follows:

Compulsory Courses	-	24units
Elective Courses	-	6units
Dissertation	-	<u>6 units</u>
Total		<u>36 units</u>

(ii) In all cases, M.A. students must write and submit to the department a thesis/dissertation duly supervised by a lecturer(s) in the department whose qualifications are not below the Ph.D. Such a thesis must be defended before an external examiner nominated by the department and appointed by Senate for that purpose.

(iii) Any candidate whose total grade is 60% and above at the end of the year of course shall qualify to proceed on PhD, while the candidate with 55% is qualified for MPhil/PhD, and 50-54.99% qualified the candidate to proceed on MPhil at the end of which he/she can move on to PhD. An MA, candidate whose total grade is below 50% but above 45% at the end of the year of course shall be deemed to have failed the opportunity to move on to higher degree, so he/she will be awarded a terminal MA degree.

An MA candidate whose total grade is below 45% at end of the year of course shall be deemed to have failed in the programme and shall be required to withdraw from the university.

11.2 COURSE REQUIREMENT

All students on the programme take at least ten courses and complete a dissertation - these consist of eight compulsory core courses, two optional courses and one compulsory dissertation over three semesters or eighteen months. The programme may be taken full-time or part-time for the duration of one and a half year or two years respectively. For full-time students, the programme runs over three semesters, of which Semester One is devoted to four compulsory courses and at least two optional courses, Semester Two comprises four compulsory courses and at least one optional course, and Semester Three is devoted to the writing of dissertation.

FULL TIME:

FIRST SEMESTER

		L	T	P	U
THA 851	Indigenous African Theatre & Performance	0	0	0	3
THA 853	African Literary Drama	0	0	0	3
THA 855	Performance and Interdisciplinary Theories	0	0	0	3
THA 857	Research Methodology	0	0	0	3
	TOTAL				12

SECOND SEMESTER

		L	T	P	U
THA 850	Studies in Cultural Policy and Copyright	0	0	0	3
THA 852	Theories and Criticism of Drama	0	0	0	3
THA 854	Nigerian Dramatists: Generational Studies	0	0	0	3
THA 856	Production Praxis	0	0	0	3
	TOTAL				12

THIRD SEMESTER

		L	T	P	U
THA 899	Dissertation	0	0	0	6

ELECTIVE COURSES

Select at least one course each from each semester

Elective A (First Semester) – Please select two courses

		L	T	P	U
THA 859	Theatre Technology I	0	0	0	3
THA 861	Directing I	0	0	0	3
THA 863	Festival, Carnival & Other Performances Management	0	0	0	3
THA 865	Playwriting for stage and other media I	0	0	0	3
THA 867	Studies and Practice in Acting and Speech I	0	0	0	3
THA 869	Music Composition and Performance I	0	0	0	3
THA 871	Theatre of the Black Diaspora	0	0	0	3
THA 873	Choreography and Dance Performance II	0	0	0	3
THA 875	Studies and Practice of Film I (Screenwriting/ Production/ Marketing/ Criticism)	0	0	0	3
THA 877	Theories and Practices: Applied Theatre/ Theatre for Development	0	0	0	3
THA 879	Studies in Design Arts (Costume/Make-up) I	0	0	0	3

Elective B (Second Semester) – Please select two courses

THA 858	Theatre Administration	0	0	0	3
THA 860	Choreography and Dance Performance II	0	0	0	3
THA 862	Studies in Design Arts (Costume/Make-up) II	0	0	0	3
THA 864	Theatre Technology II	0	0	0	3
THA 866	Music Composition and Performance II	0	0	0	3
THA 868	Studies and Practice of Film II (Screenwriting/ Production/ Marketing/ Criticism) II	0	0	0	3
THA 870	Directing II	0	0	0	3
THA 872	Studies and Practice in Acting and Speech II	0	0	0	3
THA 874	Playwriting for stage and other media II	0	0	0	3
THA 876	Theories and Practices: Applied Theatre/ Theatre for Development II	0	0	0	3
THA 878	Studies of non-African Theatre and Dramatist(s) (Asia, Australia, North and South America or Europe)	0	0	0	3
THA 880	Post-colonial Theatre: Special Playwright(s)	0	0	0	3

11.3 COURSE DESCRIPTION

THA 850: Studies in Cultural Policy and Copyright – 3C

This course will address a range of issues relevant to cultural policy and practice and the issue of copyright for artistic property in Nigeria and other countries of the world. It will discuss the relationship between cultural production and policy. The course has two distinct elements. The first will deal with post-independence arts policy and practice within Nigeria, exploring the main developments that have contributed to the evolution of current policy. It will examine the inter-relationship of the many functions and responsibilities of the Nigerian Cultural Organisation, the Copyright Council, Film and Video Censor's Board and CBAAC, and how policy is managed at a national, state and local government level. Its effects on the artistic productions and the economy of performing arts institutions, accountability, cultural /national identity and arts education in relation to tourism will be explored.

THA 851: Indigenous African Theatre and Performance – 3C

This course is an in-depth query of the notions and concepts of performance and theatre in Africa. It focuses on the various indigenous oral performances of Africa, such as the masquerades, rituals, trance and possession, musical performances, comic and satiric sketches, and dance theatre. The aim is to study each performance in relation to its cultural context. Emphasis will be on methods of production and reception, notions of space, performer & spectator relationship, theories and roles of dance and music in African performance. Analysis will draw from cultural theory, anthropology, ethnography, philosophy, and aesthetics, among others.

THA 852: Theories and Criticism of Drama – 3C

This course is an advanced theoretical course into the understanding of the appropriate theories for the critical analysis of a particular drama. It deepens student's knowledge in the principle of discussion around dramatic literature without undermining the genre of the drama.

THA 853: African Literary Drama – 3C

This course focuses on contemporary literary drama and dramatists from Anglophone, Francophone and Lusophone language zones in Africa. The course investigates the impact of different forms of colonisation on the creation and direction of the theatre. It also explores the influences of the indigenous traditions and the function of theatre within African societies and it especially looks at theatre and politics, the role of the dramatist in Africa, the playwright and the state, theatre under apartheid and totalitarian regimes, theatre and liberation struggles, theatre and the universities, African audiences. The course encourages you to explore and extend your perception and understanding of performance practice and cultural dynamics.

THA 854: Nigerian Dramatists: Generational Studies 3C

This course will examine diverse kind of the various performance writing being generated in Nigeria today, with particular attention to the generational cluster and the attendant contexts. Focus will be on the work of individual playwrights in Nigeria (from James Henshaw and Soyinka to the present dramatists) whose legacies have continued to further the debate of dividing Nigerian drama into different generations. Of particular interest though would be how the political times and space intersect with emerging playwrights; their artistic principles, ideologies and styles that distinguish one generation of playwrights from the other. Available productions of these playwrights will also determine the trajectory of the course.

THA 855: Performance and Interdisciplinary Theories – 3C

This course investigates performance and performativity as key theoretical concepts informing contemporary critical inquiry across a range of disciplines. We will explore the disciplinary genealogies that have informed the development of performance studies as a distinctive paradigm, from theatre, linguistics, visual art, anthropology, and philosophy. We will consider the unique forms of knowledge produced by performance theory in its interactions with such theoretical approaches as psychoanalysis, phenomenology, speech act theory, literary theory, feminist and queer theory, postcolonial theory, ethics and philosophies of science.

THA 856: Performance Praxis - 3C

The course introduces the formative methodologies of performance practice, focusing on key models of praxis that provide the vocabulary of contemporary theatre-making and performer training. The course positions itself in the gap between the actualities of practice and the conceptual abstractions of contemporary performance theories through viewing performances, reading, and seminar discussion. This is the forum for students of all areas to demonstrate competence. Students will form synergy to conceive and produce a project in performance praxis. However, students majoring in directing would be required to present individual directing projects. The course structure is designed in such a way as to identify the dialectical relationship of

THA 857: Research Methodology – 3C

This course introduces advanced scholarly research and writing practices in the fields of Theatre and Performance Studies and in academic scholarship in general. It places emphasis on language, historiography, ethnography, and performance-as-research, as well as performative writing using universally acceptable styles. Questions that shape this course include: how and what do we see when we consider performance events in theatres or city spaces? How do we record, analyse, and disseminate these events? What frames (institutional or discursive) shape the objects of our analysis? What ethics, aesthetics, and politics of space, archives and print cultures determine our access to and understanding of the contours of theatre and performance?

THA 858: Theatre Administration – 3E

This course is designed to deepen the students' knowledge of management of arts institutions through relevant management principles. It will also query the practice in federal and states theatre and arts

institutions against general principle of management. The course will seek interrelationship between management skill, funding, marketing, audience engineering and entrepreneurship.

THA 859: Theatre Technology – 3E

This course covers areas of design arts such as costume / make-up, scenic design, lighting design and management, and theatre technology. Students will learn theories and practices of the arts of the theatre and assist or control their area of specialisation in productions.

THA 860: Choreography and Dance Performance II – 3E

This course will engage the students in the active theory and practice of dance. It will emphasise choreography and dance notations, and the dynamic techniques of contemporary dance. The student would be required to choreograph a dance project at the end of the course. The course is the second part of THA 873: Choreography and Dance I

THA 861: Directing I – 3E

This course is about the imaginations and intuitions that shape the interpretation of described images into moving bodies. It will examine the works of directors in Nigeria and in the rest of the world. Students are expected to focus on the works of major directors like Ola Rotimi, Femi Osofisan, Dapo Adelugba, Bayo Oduneye, Hubert Ogunde, Kola Ogunmola, Duro Ladipo, etc, as well as Meyerhold, Peter Brook, Harold Clurman, and so on. It is also expected that student will mount a production of a full-length play based on clear and distinct directorial style.

THA 862: Studies in Design Arts: Costume/ Make-up II – 3E

This course focuses on design arts, costume and make-up aspects. As practically intensive as this course could be, students should be equally exposed to the extensive nature of the theories as well. The outstanding works of successful make-up artist in stage and film (indigenous and foreign) should be deeply explored. Taking active control of departmental productions (including archives) would form major practical tutorial sessions for student of this area. The course is the second part of THA 879: Studies in Design Arts: Costume/ Make-up I

THA 863: Festival, Carnival & Other Performances Management—3C

This course will study Festivals and Carnivals as special projects. Thus the skills of project management will be the focus. Student will be expected to interrogate the logistics and modalities adopted for various state carnivals, cultural festivals, including private organisations involved in festival initiatives. The economic potentials and the implications of this aspect of performance management in the development and management of artistic pool for local and export consumption will receive inclusive study. Field study is mandatory.

THA 864: Theatre Technology II – 3E

This module covers areas of design arts such as costume / make-up, scenic design, lighting design and management, and theatre technology. Students will learn theories and practices of the arts of the theatre and assist or control their area of specialisation in productions. The course is the second part of

THA 859: Theatre Technology I

THA 865 Playwriting for Stage and Other Media I —3E

This course will deepen students' knowledge of the art and techniques of Playwriting through lectures and workshop sessions. General approach will be taught with techniques for adequate flexibility into other media. Students will create play-scripts, which will be assessed for the satisfaction of this course.

THA 866 Music Composition and Performance II - 3E

This course introduces students to the composition and management of traditional, canonical and classical music. Students will study social and cultural background as well as performance contexts and styles of major composers such as various church composers as well as T.K.E Phillips, Harcourt Whyte, Fela Sowande, Ayo Bankole, Sam Akpabot and Kwabena Nketia. Students will be expected to compose, manage and perform original work. Admittance to this course is by special audition involving competence in at least two instruments. Management of sound systems in the theatre is also attached to this course. The course is the second part of THA: 866 Music Composition and Performance I

THA 867: Studies in Practice of Acting and Speech I – 3E

This course focuses on the theoretical and practice of acting. Students are also encouraged to research on outstanding roles by Nigerian actors as example to their foreign counterparts. Speech as major instrument of verbal communication will receive adequate consideration. Students will present a dramatic role in short performance. Students will play a major role in a departmental or MA class production.

THA 868: Studies and Practice of Film II – 3E

This course is to deepen students' knowledge of film making and criticism. Students will assess films from Nigeria and other part of the world and look at production methods from these countries. The course emphasises: theory of film and practical production. Students will study cinematic/ digital procedures for feature and documentary films and at the end will be expected to produce a feature film or a documentary, according to their interest, and provide a textual analysis of the project in line with production procedures. The course may take the approach of screenwriting and or film production depending on the prevailing circumstance. It is the second part of THA 875: Studies and practice Film I

THA 869: Music Composition and Performance I – 3E

This course introduces students to the composition and management of traditional, canonical and classical music. Students will study social and cultural background as well as performance contexts and styles of major composers such as various church composers as well as T.K.E Phillips, Harcourt Whyte, Fela Sowande, Ayo Bankole, Sam Akpabot and Kwabena Nketia. Students will be expected to compose, manage and perform original work. Admittance to this course is by special audition involving competence in at least two instruments. Management of sound systems in the theatre is also attached to this course.

THA 870: Directing II – 3E

This course is a practical course that will deepen the students' practice in the art of play directing. Students will produce a full-length performance on their adopted and developed directorial style and approach. As a specialized area for students who come into the university to study the, it is the second part of **THA 861: Directing I**

THA 871: Theatre of the Black Diaspora—3E

This course provides an approach to the study of performance within a culturally diverse society. Lectures and seminars introduce you to a range of issues in the field of multi-cultural performance, including cross-culturalism, interculturalism, transculturalism, interchange and globalisation. Students will study the writing of dramatists like Caryl Phillips, Biyi Bandele, Oladipo Agboluaje, Kwame Kewi-Armah, Courtney Newland, Susan Lori-Parks, August Wilson, Tarrell McCraney, Loraine Hansberry and Ntozake Shange, within increased awareness of the wider cultural landscape and in recognition of prevailing lack of understand of the theatrical and social traditions and heritage within which they work.

THA 872: Practice of Acting and Speech II – 3E

This course focuses on the theoretical and practice of acting. Students are also encouraged to research on outstanding roles by Nigerian actors as example to their foreign counterparts. Speech as major instrument of verbal communication will receive adequate consideration. Students will present a dramatic role in short performance. The practical requirement of the course will be demanded, as this is the purpose for which the student registered for the programme. Students will play a major role in a departmental or MA class production. It is the second part of THA 867: Practice of Acting and Speech I

THA 873: Choreography and Dance Performance I

This course will engage the students in the active theory and practice of dance. It will emphasize on choreography and dance notations, and the dynamic techniques of contemporary dance. The students would be required to choreograph a dance project.

THA 874: Playwriting for Stage and Other Media II—3E

This course will deepen students' knowledge of the art and techniques of Playwriting through lectures and workshop sessions. General approach will be taught with techniques for adequate flexibility into other media. Students will create play-scripts, which will be assessed for the satisfaction of this course.

THA 875 Studies and Practice of Film II- 3E

This course is to deepen students' knowledge of film making and criticism. Students will assess films from Nigeria and other part of the world and look at production methods from these countries. The course emphasises: theory of film and practical production. Students will study cinematic/digital procedures for feature and documentary films and at the end will be expected to produce a feature film or a documentary, according to their interest, and provide a textual analysis of the project in line with production procedures. The course may take the approach of screenwriting and or film production depending on the prevailing circumstance.

THA 876: Theories & Practices: Applied Theatre/ Theatre-for-Development II – 3C

This course deepens students' understanding of the various theories and practices of Applied Theatre and Theatre-for-Development in Africa and the rest of the world. The course is designed to enable students to critically examine these approaches, as well as interrogate other predominant theories and practices. Applied theatre forms such as Augusto Boal's *Theatre of the Oppressed*, similar interventionist approach and theatre education. In the process it is hoped the course will enable the students to acquire intellectual, professional and personal skills for work with target groups and communities. The course is designed to develop intellectual, professional and personal skills to work with target groups and communities for the purpose of effecting changes, including areas engulfed in conflict. The course is the second part of THA 877: Theories & Practices: Applied Theatre/ Theatre-for-Development I.

THA 877: Theories & Practices: Applied Theatre/ Theatre-for-Development I – 3C

This course deepens students' understanding of the various theories and practices of Applied Theatre and Theatre-for-Development in Africa and the rest of the world. It will particularly address the issue of the "product versus process" in uncommon locations or special areas of need, critically examining approaches, interrogating predominant theories and practices. The course is designed to enable students to critically examine these approaches, as well as interrogate other predominant theories and practices. Applied theatre forms such as Augusto Boal's *Theatre of the Oppressed*, similar interventionist approach and theatre education. In the process it is hoped the course will enable the students to acquire intellectual, professional and personal skills for work with target groups and communities. The course is designed to develop intellectual, professional and personal skills to work with target groups and communities for the purpose of effecting changes, including areas engulfed in conflict.

THA 878: Studies of non-African Theatre and Dramatist(s): Asia, Australia, North and South America or Europe —3E

This course will study the evolution and development of drama in and around the countries of Asia, particularly China to the development of modern Chinese literary drama. Emphasis will be on the various dramatic activities under the dynasties. The exploration of the influence of the oral tradition and indigenous belief systems on the development of Chinese Performance culture will be studied.

THA 879: Studies in Design Arts: Costume/ Make-up I – 3E

This course focuses on design arts, costume and make-up aspects. As practically intensive as this course could be, students should be equally exposed to the extensive nature of the theories as well. The outstanding works of successful make-up artist in stage and film (indigenous and foreign) should be deeply explored. Taking active control of departmental productions (including archives) would form major practical tutorial sessions for student of this area.

THA 880: Post-colonial Theatre: Special Playwrights—3E

This course will study the work of several major playwrights of the second half of the 20th century whose legacy has continued into theatre practice of the twenty-first. The focus is on Wole Soyinka, Femi Osofisan, Ola Rotimi, Bode Sowande, Tess Onwueme, Zulu Sofola and Esiaba Irobi, Ngugi wa Thiong’o, Athol Fugard, Efua T. Sutherland, Ama Ata Aidoo, Ben Abdallah, Percy Mtwa, Mbogeni Ngema, Derek Walcott, and so on. The writing and artistic principles of these dramatists and their companies/collaborators are situated in the socio-cultural and political context relevant to them. Reference will be made to other dramatists and performers according to specific questions to do with stage production of the works or mise en scene. The availability of the productions by any of these playwrights will also determine the trajectory of the course. Where possible, the course will take into account aspects of play writing and play production.

THA 899: Dissertation – 6C

This mandatory course is intended to develop your research, knowledge, and understanding within a particular area under the rubric of theatre, performance and culture. It may substantially develop work begun elsewhere on the course, or it may pursue suitable material not substantially addressed elsewhere on the course. In either case, it will extend learning and skills developed in the field of theatre and performance. The purpose of the dissertation is: to enable you to pursue advanced extended research; to develop your skills in independent research and project co-ordination; to promote and develop skills in critical and independent thinking; and to enable you to participate in the direction and evolution of the discipline. Additional compulsory dissertation workshops will prepare students in research skills, in accordance with Theatre Arts practice.

Black British Theatre / African American Theatre – 2R

This course provides an approach to the study of performance within a culturally diverse society. Lectures and seminars introduce you to a range of issues in the field of multi-cultural performance, including cross-culturalism, interculturalism, transculturalism, interchange and globalization

Students will study the writing of dramatists like Caryl Phillips, Biyi Bandele, Oladipo Agboluaje, Kwame Kwei-Armah, Courtney Newland, Susan Lori-Parks, August Wilson, Tarrell McCraney, Lorraine Hansberry and Ntozake Shange, within increased awareness of the wider cultural landscape and in recognition of prevailing lack of understanding of the theatrical and social traditions and heritage within which they work.

12.0 MASTERS OF PHILOSOPHY (MPhil) PROGRAMME

12.1 ADMISSION CRITERIA

Successful applicants will normally hold a MA degree in Theatre Arts/Dramatic Arts/ Creative Arts/Performing Arts/ Film, with grade of 50% - 54.99% or a grade above this from the social sciences or education programme and any course determined by the department. They must demonstrate in their written application and at interview, in person or by telephone, that they have a capacity for, and interest in, theoretical and analytical work. Similarly, applicants should be able to meet the intellectual demands of a theoretically and practically challenging programme.

12.2 GRADUATION REQUIREMENTS (MPhil)

i) The programme combines the course taught and the seminar system. To be awarded the MPhil degree in Theatre Arts, a candidate must have taken and passed the prescribed number of courses as approved, and totaling 27 units as follows:

Core Courses	-	12 units
Seminars	-	6 units
Thesis	-	<u>9 units</u>
Total		<u>27 units</u>

ii) Every MPhil candidate must write and submit to the department a thesis under an advisor in the department whose qualifications are not below PhD. Such thesis must be defended before an external examiner nominated by the department and appointed by Senate for that purpose.

iii) Every MPhil candidate must have presented two seminar papers; if the candidate published an article in a recognized Academic Journal during the programme, it shall be graded for the student.

12.3 COURSE REQUIREMENTS

All students on the programme take at least six courses and complete a thesis. The courses are taught/ seminar based. The programme may be taken full-time or part-time for the duration of 2 semesters or one year (full-time) and four semesters or two years (part-time) respectively. For full-time students, the programme runs over two semesters, of which Semester One comprises of two compulsory courses, a seminar and at least one elective course, Semester Two comprises two compulsory courses, a seminar and the writing of thesis. The candidate will defend the thesis in a viva voce before external examiner, the postgraduate school's representative, the department and other faculty members. Candidate who successfully defended the thesis, and awarded an MPhil degree can apply to the University for admission to the PhD programme.

FULL TIME:	FIRST SEMESTER	Units
THA 901	Dramatic Theories and Criticism	3
THA 903	Course Seminar I	3
THA 905	Performance Studies	3
	Total	9
	SECOND SEMESTER	Units
THA 902	Theatre and the Society	3
THA 904	Course Seminar II	3
THA 906	Film Studies	3
	Total	9

THA 949	Thesis	9
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ELECTIVE COURSES

Elective A (First Semester)- Please select one course

THA 907	Playwriting	3
THA 909	Scenography and Theatre Technology	3
THA 911	Applied Theatre	3
THA 913	African Dance	3
THA 915	Acting	3

Elective B (Second Semester)- Please select one course

THA 908	Theatre and Tourism	3
THA 910	Studies in Costume and or Makeup	3
THA 912	Music Composition	3
THA 914	Media Studies	3
THA 916	Gender Studies	3

12.4 COURSE DESCRIPTION

THA 901 Dramatic Theories and Criticisms - 3C

This course looks at some theories that guide dramatic criticism. It examines how these concepts and theories have influenced specific areas of theatre practice. Candidate must submit a term paper in the course of the semester.

THA 902 Theatre and Society - 3C

This course explores the relationship between theatre and the society. It will examine theatre's reaction to the society's social, political and economic situation. Candidate must submit a term paper in the course of the semester.

THA 903/904 Course Seminar I/II -3C

This course allows the candidate to select one course from the elective areas. A seminar must be delivered in the course of the semester.

THA 905 Performance Studies- 3C

This course takes a multidimensional view of performance modes in traditional, contemporary styles, and their eclecticisms. Candidate must submit a term paper in the course at the end of the semester.

THA 906 Film Studies -3C

This course focuses on a specific area of film for in-depth studies. Emphasis may be devoted to the study film scripting technique, production, distributorship, and criticism of the art. Candidate must submit a term paper at the end of the course.

THA 907 Playwriting-3C

This course allows students to focus on the art and techniques of playwriting. It will also examine the eclectic styles of contemporary playwrights. At the end of the course, candidate must submit a written play as evidence of the knowledge gained.

THA 908 Theatre and Tourism

This course will examine the various ways theatre and theatrical culture can enhance tourism potentials from diverse performance genres especially the indigenous modes. The role of carnival, festivals, their logistics and modalities for sustainability shall be explored.

THA 909 Scenography and Theatre Technology

This course will interrogate scenography in the age of technology, its relevance and diverse applications in theatre and non-theatre specific spaces. The impact of ICT on theatre design and aesthetics shall be studied.

THA 910 Studies in Costume and or Make up

This course focuses on costume and makeup in the theatre as design art. The study emphasizes ability in graphic expression, theoretical and analytical ability of this aspect of theatre as a visual art on moving bodies.

THA 911 Applied Theatre

This course focuses on the uncommon theatrical approaches that are empowered by examining theories and practices of Applied Theatre around the world through intellectual, professional and personal skills of working with target groups and communities for the purpose of effecting change, including areas engulfed in conflict.

THA 912 Music Composition -3E

This course is an exercise in the composition and music performance. The candidate shall decide area of emphasis between traditional, canonical and classical music. The works of local and international composers shall be studied in their contexts. Students will be expected to compose, manage and perform original work.

THA 913 African Dance -3E

This course focuses specifically on the different dances from indigenous African culture and the people. on costume and makeup in the theatre as design art. The course emphasizes the knowledge and ability to perform at least one ethnic dance from the continent. At the end of the course, a term paper is to be submitted by the candidate.

THA 914 Media Studies -3E

This course examines the trend of theatre in media: its art, theories, criticisms and applications in chosen contexts. Candidates may emphasize criticism on production. It emphasizes the relationship between the theatre and media. The candidate is expected to submit a term paper at the end of the course.

THA 915 Acting- 3E

This course examines the trend of theatre in media: its art, theories, criticisms and applications in chosen contexts. Candidates may emphasize criticism on production.

THA 916 Gender Studies – 3E

The course will examine the theories and practices that have stretched the notion of gender toward feminist domain and their contradictions. At the end of the course, the candidate must submit a term paper.

13.0 DOCTOR OF PHILOSOPHY (MPhil) PROGRAMME

13.1 ADMISSION CRITERIA

Successful applicants will normally hold a good masters degree in Theatre Arts/Dramatic Arts/ Creative Arts/Performing Arts/ Film, from any university or equivalent institution recognised by the Senate of the university. A candidate with a bachelor degree in Theatre Arts/Dramatic Arts/ Creative Arts/Performing Arts/ Film, but a good master degree in any related field as determined by the department will be admitted to PhD after passing the required grade at MPhil or pass the conversion requirement of three chapters of the thesis and the defense of same at MPhil/PhD. They must demonstrate in their written application and in interview, in person or by telephone, that they have a capacity for, and interest in, theoretical and analytical work. Similarly, applicants should be able to meet the intellectual demands of a theoretically and practically challenging programme.

13.2 GRADUATION REQUIREMENTS (PhD)

i) The programme combines the course taught and the seminar system. To be awarded the PhD degree in Theatre Arts, a candidate must have taken and passed the prescribed number of courses as approved, and totaling 33 units as follows:

Core Courses	-	18 units
Seminars	-	6 units
Thesis	-	<u>9 units</u>
Total		<u>33 units</u>

ii) Every PhD candidate must write and submit to the department a thesis under an advisor in the department whose qualifications are not below the Ph.D. Such thesis must be defended before an external examiner nominated by the department and appointed by Senate for that purpose.

iii) Every PhD candidate must have presented four seminar papers, two of which must have been published in a recognized Academic Journal, shall be graded.

13.3 COURSE REQUIREMENTS

All students on the programme take at least six courses and complete a thesis. The courses are taught/seminar based. The programme may be taken full-time or part-time for the duration of 6 semester or three years and eight semester or 4 years respectively. For full-time students, the programme runs over six semesters, of which Semester One comprises of two compulsory courses and at least one elective course, Semester Two comprises two compulsory courses and at least one elective course while subsequent semester is devoted to the writing of thesis and publication. The candidate will defend the thesis in a viva voce before external examiner, the postgraduate school's representative, the department and other faculty members.

13.4 COURSE REQUIREMENTS

FULL TIME:	FIRST SEMESTER	Units
THA 951	Theories and Criticism (Area Specific)	3
THA 953	Course Seminar I	3
THA 955	Performance Studies	3
	Total	9
	SECOND SEMESTER	Units
THA 952	Theatre and Religion	3
THA 954	Course Seminar II	3
THA 956	Theatre and Management	3
	Total	9

THIRD SEMESTER

THA 957	Theatre and Religion	3
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FOURTH SEMESTER

THA 958	Pre-Doctoral Seminar I	3
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FIFTH SEMESTER

THA 959	Pre-Doctoral Seminar II	3
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SIXTH SEMESTER

THA 999	Thesis	9
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ELECTIVE COURSESElective A (First Semester)- Please select one course

THA 961	Theatre History (Area/Period Specific)	3
THA 963	Playwriting	3
THA 965	Scenography and Theatre Technology	3
THA 967	Applied Theatre	3
THA 969	Contemporary Dance and Choreograph	3
THA 971	Educational Theatre	3
THA 973	Acting and the Rhetorical Art	3

Elective B (Second Semester)- Please select one course

THA 960	Directing	3
THA 962	Theatre and Tourism	3
THA 964	Studies in Design Arts (Costume and Makeup)	3
THA 966	Music Composition and Performance	3
THA 968	Media Studies	3
THA 970	Audience Development and Engineering	3
THA 972	Gender Studies	3
THA 974	Film Studies	3

13.5 COURSE DESCRIPTION**THA 951 Theories and Criticisms- 3C**

This course looks at theatre theories and the various criticisms that have trailed many of the theories. It is highly interactive meeting that examines how these concepts and theories have influenced specific areas of theatre practice. Candidate must submit a term paper in the course of the semester.

THA 952 Theatre and Religion -3C

This course explores the relationship between theatre and religion. It will examine theatre's reaction to religion-influenced developments in societies socially, politically and economically. Candidate must submit a term paper in the course of the semester.

THA 953/954 Course Seminar I/II -3C

This course allows the candidate to select one course from the elective areas. A seminar must be delivered in the course of the semester.

THA 955 Performance Studies- 3C

This course takes a multidimensional view of performance modes in traditional, contemporary styles, and their eclecticism.

THA 956 Theatre/ Arts Management -3C

This course delves into the various aspects of theatre management; physical structure, production management, cultural practice and audience development with strong a marketing and marketing principles.

THA 957/958/959 Research Proposal Seminar -3C

This course allows the candidate to develop a proposal for a researchable topic based on advanced scholarly research and writing practices in the fields of Theatre and Performance. (Please refer to THA 857: Research Methodology for content guide) Candidates are expected to apply critical thinking, observe and standard ethical practice at all stages of their research. The final theses will be subjected to plagiarism screening. Any thesis that fails the test shall be rejected.

THA 960 Directing -3E

This encourages the candidate to free the imaginations and intuitions that shape the interpretation of described images into moving bodies. Candidates are expected to explore beyond conventional interpretive limits to the radical approaches of theatre directors universally.

THA 961 Theatre History (Area/Period Specific) -3E

This course examines theatrical traditions and trends with insights into the political, social and economic circumstances for their transitions. The candidate shall focus in specific age in history.

THA 962 Theatre and Tourism

This course will examine the various ways theatre and theatrical culture can enhance tourism potentials from diverse performance genres especially the indigenous modes. The role of carnival, festivals, their logistics and modalities for sustainability shall be explored.

THA 963 Playwriting -3E

This course discusses the art and techniques of playwriting, playwright's preoccupation within particular socio-political milieu, though tutorial sessions with cases. It will also examine the eclectic styles of contemporary playwrights.

THA 964 Studies in Design Arts (Costume-Makeup) -3E

This course focuses on costume and makeup in the theatre as design art. The study emphasizes ability in graphic expression, theoretical and analytical ability of this aspect of theatre as a visual art on moving bodies.

THA 965 Scenography and Theatre Technology

This course will interrogate scenography in the age of technology, its relevance and diverse applications in theatre and non-theatre specific spaces. The impact of ICT on theatre design and aesthetics shall be studied.

THA 966 Music Composition and Performance- 2E

This course is an exercise in the composition and music performance. The candidate shall decide area of emphasis between traditional, canonical and classical music. The works of local and international composers shall be studied in their contexts. Students will be expected to compose, manage and perform original work. Admittance to this course is by special audition involving competence in at least two instruments.

THA 967 Applied Theatre -3E

This course studies the uncommon theatrical approaches that are empowered by examining theories and practices of Applied Theatre around the world through intellectual, professional and personal skills of working with target groups and communities for the purpose of effecting change, including areas engulfed in conflict.

THA 968 Media Studies -3E

This course examines the trend of theatre in media: its art, theories, criticisms and applications in chosen contexts. Candidates may emphasize criticism on production.

THA 969 Contemporary Dance and Choreography

This course engages the students in the theory and practice of dance with emphasis on choreography and the dynamic techniques of contemporary dance. The students would be required to choreograph a dance project.

THA 970 Audience Development and Engineering

This course will examine audience attendance as a problematic area militating against private theatre entrepreneurship. It will interrogate the current practice in audience development against standard marketing practice. Candidates shall embark to demonstrate workable models.

THA 971 Educational Theatre -3C

The course focuses on the didactic modalities of theatre at various levels with emphasis on children and youth education.

THA 972 Gender Studies

The course will examine the theories and practices that have stretched the notion of gender toward feminist domain and their contradictions.

THA 973 Acting and the Rhetorical Art

The course focuses on the various theories of acting and personal development in relation to either stage or film acting, including voice over acting with emphasis on different Nigerian and non-Nigerian actors.

THA 974 Film Studies

This course examines the theories, practices and analysis of film by taking into account different cultures of the world. The course will emphasise traditions, from the position of historicity, and individuals who have contributed significantly to the development of the art.

14.0 MPhil/PhD PROGRAMME**14.1 OBJECTIVES**

This MPhil/PhD course follows the same pattern as the PhD. It is to serve as a bridge for candidates who score 55% - 59.99% in their MA programme and or candidates who studied a different programme to be admitted to the full PhD. The four semesters full-time or six semester part-time programme of study aims to provide a comprehensive and composite coverage of the historical contexts and philosophical bases of drama, theatre and performance practices, as well as enable the candidates make a significant progress in the thesis leading to completion of the PhD at the appropriate time. It will thus provide the student an opportunity to further independent but specialist research in a previously held area of interest.

14.2 ADMISSION REQUIREMENTS

Successful applicants will normally hold a good MA with grade of 55% - 59.99% or MPhil degree in Theatre Arts/Dramatic Arts/ Creative Arts/Performing Arts/ Film, or a good MA degree with grade above 60% in any related field as determined by the department from any university or equivalent institution recognized by the Senate of the university. A candidate with a BA degree in Theatre Arts/Dramatic Arts/

Creative Arts/Performing Arts/ Film, but a good MA degree in any related field different from Theatre Arts, as determined by the department will be admitted to the MPhil/PhD programme and subsequently to the PhD programme after passing the conversion requirement of three chapters of the thesis and the defense of same at MPhil/PhD. They must demonstrate in their written application and at interview, in person or by telephone, that they have a capacity for, and interest in, theoretical and analytical work. Similarly, applicants should be able to meet the intellectual demands of a theoretically and practically challenging programme.

14.3 GRADUATION REQUIREMENTS

i) The programme combines the course taught and the seminar system. MPhil/PhD students follow the same curriculum as the PhD, but must submit three chapters of the thesis at the end of four semester or twenty-four month To be awarded the PhD degree in Theatre Arts, a candidate must have taken and passed the prescribed number of courses as approved, and totaling 33 units as follows

Core Courses	-	18 units
Seminars	-	6 units
Thesis	-	<u>9 units</u>
Total		<u>33 units</u>

ii) Every MPhil/PhD candidate must write and submit to the department a thesis under an advisor in the department whose qualifications are not below the PhD at the end of the fourth semester after the commencement of the study. Such thesis must be defended before the postgraduate board of the department and a representative of the postgraduate school.

iii) Every MPhil/PhD candidate must have presented four seminar papers, if the candidate published an article in a recognized Academic Journal, it shall be graded as part of the PhD award requirement.

14.4 COURSE REQUIREMENTS

All students on the programme take at least six courses and complete a thesis. The courses are taught/ seminar based. The programme may be taken full-time or part-time for the duration of 6 semester or three years and eight semester or 4 years respectively. For full-time students, the programme runs over six semesters, of which Semester One comprises of two compulsory courses and at least one elective course, Semester Two comprises two compulsory courses and at least one elective course while subsequent semester is devoted to the writing of thesis and publication. The candidate will defend the thesis in a viva voce before external examiner, the postgraduate school's representative, the department and other faculty members.

FULL TIME:	FIRST SEMESTER	Units
THA 951	Theories and Criticism (Area Specific)	3
THA 953	Course Seminar I	3
THA 955	Performance Studies	3
	Total	9
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THA 954	Course Seminar II	3
THA 956	Theatre and Management	3
	Total	9
	THIRD SEMESTER	
THA 957	Theatre and Religion	3

FOURTH SEMESTER

THA 958	Pre-Doctoral Seminar I	3
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FIFTH SEMESTER

THA 959	Pre-Doctoral Seminar II	3
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SIXTH SEMESTER

THA 999	Thesis	9
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ELECTIVE COURSES

Elective A (First Semester)- Please select one course

THA 961	Theatre History (Area/Period Specific)	3
THA 963	Playwriting	3
THA 965	Scenography and Theatre Technology	3
THA 967	Applied Theatre	3
THA 969	Contemporary Dance and Choreography	3
THA 971	Educational Theatre	3
THA 973	Acting and the Rhetorical Art	3

Elective B (Second Semester)- Please select one course

THA 960	Directing	3
THA 962	Theatre and Tourism	3
THA 964	Studies in Design Arts (Costume and Makeup)	3
THA 966	Music Composition and Performance	3
THA 968	Media Studies	3
THA 970	Audience Development and Engineering	3
THA 972	Gender Studies	3
THA 974	Film Studies	3

14.5 COURSE DESCRIPTION

THA 951 Theories and Criticisms- 3C

This course looks at theatre theories and the various criticisms that have trailed many of the theories. It is highly interactive meeting that examines how these concepts and theories have influenced specific areas of theatre practice. Candidate must submit a term paper in the course of the semester.

THA 952 Theatre and Religion -3C

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THA 953/954 Course Seminar I/II -3C

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THA 974 Film Studies

This course examines the theories, practices and analysis of film by taking into account different cultures of the world. The course will emphasise traditions, from the position of historicity, and individuals who have contributed significantly to the development of the art.

14.6 STAFF LIST

NAME OF ACADEMIC STAFF	AREAS OF SPECIALIZATION	QUALIFICATIONS	RANK
Dr. R. J. Julius-Adeoye	Media Arts, Film, Theatre History, Dramatic Theory & Criticism	PhD, MA, BA, Dip.	Reader & Ag. Head of Department
Prof. A. Yerima	Playwriting, Criticism and Culture	PhD, PGD, BA, Cert.– Drama	Professor
Dr John Iwuh	Theatre Technology, Events Management Theatre Management	PhD, MA, MBA, PGD, BA	Reader
Prof. Bakare Ojo-Rasaki	Dance	PhD, MA, BA	Professor (Adjunct)
Prof. Hygenus Ekwuazi	Film	PhD, MA, BA	Professor (Adjunct)
Dr E. Uwadinma-Idemudia	Technical Theatre, Directing, Gender Studies, Applied Theatre/Theatre for Development	PhD, MA, BA	Senior Lecturer
Dr. Stanley Ohenhen	Theatre Management, Events Management, Dramatic Theory and Criticism	PhD, MA, BA	Senior Lecturer (Adjunct)
Dr Damilola Babarinde	Music and Performance Studies	PhD, MA, BA	Lecturer I
Dr Peter Adeiza Bello	Dance, Choreography and Performance Studies	PhD, MA, BA, Dip.	Lecturer I

CURRICULUM FOR FACULTY OF MANAGEMENT SCIENCES

ACCREDITED PROGRAMMES

Department of Accounting

PGD, MSc, PhD (Accounting)

Department of Finance

PGD, MSc, PhD (Finance)

Department of Business Administration and Marketing

PGD, MSc, MBA, PhD (Business Administration and Marketing)

Department of Transport Management

PGD, MSc, PhD (Transport Management)

CHAPTER TEN

DEPARTMENT OF ACCOUNTING

1.0 PHILOSOPHY

The basis of the postgraduate diploma (PGD) programme in Accounting is to provide remedial training in introductory Accounting courses. This is to prepare graduates of universities or equivalent qualifications of those who did not have a first degree in accounting to either pursue postgraduate degree programmes in this field of study or prepare them for managerial positions in Accounting.

The department offers the MSc programme in Accounting to train academics and research staff for the Universities, Polytechnics/Colleges of Technology, Colleges of Education, and various public and private sector establishments. The programme is designed to meet the needs of three groups/categories of students;

- a) Those who prefer a terminal programme to enable them to enter the field of public and industrial institutions.
- b) Those who are already in the Accounting professional practices but want to upgrade their knowledge in the field.
- c) Those who want to obtain a Master's degree in Accounting as a stepping stone for further academic work/pursuit.

The PhD programme is to provide graduate education and training in management, which broadens the intellectual exposure of students in the accounting 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 practical management. The programme will produce graduates that will be job creators rather than job seekers.

2.0 HISTORY OF FINANCE DEPARTMENT

The Department of Accounting is one of the Faculty of Management Sciences departments, Redeemer's University. The department was created in the 2019/2020 session from the old Department of Financial Studies, established in 2005 at Redemption Camp, Mowe, Ogun State. The initial department housed four programmes (Accounting, Actuarial Science, Banking & Finance, and Insurance) until August 2019. Accounting and Finance departments were created in line with NUC's recommendation to expand the existing few departments and faculties in the university. The department, along with other departments in the university relocated to the present place in Ede, Osun State in 2014. The programmes in the department have been enjoying full accreditation since inception.

The Department, under the leadership of the pioneer Head of Department, Dr. Kenneth Enoch Okpala, has also enjoyed full professional accreditations from the Institute of Chartered Accountants of Nigeria [ICAN], the Association of Chartered Certified Accountants [ACCA]. Currently, we are processing the accreditation of the Chartered Institute of Taxation of Nigeria. The Department has produced graduates who are Chartered Accountants, Chartered Bankers, Tax Practitioners, and Chartered Stockbrokers, some of which qualified at 300 level. The Department has produced academics and other high fliers in Nigeria's public and private sector and beyond. The Department, in collaboration with the Bursary unit of the University, established an ATS tutorial center. We have qualified lecturers in the Department who can teach at both undergraduate and postgraduate programmes.

3.0 TYPES OF PROGRAMMES

The Department runs Postgraduate Diploma (PGD), Master of Science (MSc) and Doctor of Philosophy (PhD) in Accounting.

4.0 POSTGRADUATE DIPLOMA (PGD) IN ACCOUNTING

4.1 OBJECTIVES OF THE PROGRAMME

The objective of postgraduate diploma in Accounting, which is in line with the National Policy on Education and within the bounds of the mission of the university, includes:

- a) This programme is for a candidate who will not usually be eligible for admission into the master's degree programme in Accounting. It will expose the candidates to the relevant areas of Accounting which should prepare them for a higher degree in Accounting.
- b) To prepare candidates who can develop and promote indigenous theories and practices in their areas of specialty- Accounting.
- c) To teach modern accounting techniques and provide professional competence for accountants, auditors, and other finance officers.
- d) To equip students with the theoretical and conceptual tools for problem-solving in the administration of industrial, commercial, public, and other humanitarian organizations.

4.2 ADMISSION REQUIREMENTS

Candidates should possess:

- a) Five (5) Ordinary level credits in English Language, Mathematics, Economics and any other two (2) subjects in not more than two sittings; and any of the following:
- b) A third-class degree in Accounting, Finance, Economics, and/or any other discipline from a recognized university.
- c) A good honors degree (at least second class) in other disciplines outside those mentioned in (b)
- d) A Higher National Diploma (HND) in relevant area from a recognized polytechnic.
- e) Relevant professional qualifications.

4.3 GRADUATION REQUIREMENTS

The PGD (Accounting) shall be awarded to students who successfully complete a minimum of 26 credit units of workload broken into:

Ten core courses (2 credits each)	20 units
Two elective courses 2 credits each)	4 units
Research project	4 units
Total	28 units

Satisfactory participation in all parts of the curriculum and satisfactory completion of all required papers are conditions that must be met to qualify for the award of the degree.

4.4 COURSE STRUCTURE

All students must register for all core courses together with the minimum elective course per semester

**FIRST SEMESTER
CORE COURSES**

COURSE CODE	COURSE TITLE	TOTAL UNITS
ACC701	Principles of Accounting	2
ACC703	Quantitative Techniques	2
ACC705	Principles of Microeconomics	2
ACC707	Research Methodology	2
ACC709	Principles of Management	2
	TOTAL	10

ELECTIVE COURSES

Students are to choose two (2) out of the elective courses

COURSE CODE	COURSE TITLE	TOTAL UNITS
ACC711	Public Sector Accounting	2
ACC713	Computer Application in Business	2
ACC715	Public Finance	2

SUMMARY

Compulsory courses = 10 Units
 Elective courses = 4 Units
 Total courses to be registered 14 Units

**SECOND SEMESTER
CORE COURSES**

COURSE CODE	COURSE TITLE	TOTAL UNITS
ACC702	Principles of Taxation	2
ACC704	Principles of Macroeconomics	2
ACC706	Introduction to Cost & Management Accounting	2
ACC708	Auditing Principles and Practices	2
ACC710	Principles of Finance	2
ACC799	Research Project	4
	TOTAL	14

ELECTIVE COURSES

Students are to choose one (1) out of the elective courses

COURSE CODE	COURSE TITLE	TOTAL UNITS
ACC712	International Financial Reporting Standards	2
ACC714	Nigeria Economy	2
ACC716	Small Business Finance	2

SUMMARY

Compulsory courses = 14 Units
 Elective courses = 2 Units
 Total courses to be registered 16 Units

4.5 COURSE DESCRIPTION

ACC 701: Principles of Accounting

Accounting and Auditing. Basic principles and concepts of Accounting in the private business enterprises. Book-keeping process. Elementary theory of Accounting. Basic practices of financial, cost and management, Basic theory of auditing, internal and external auditing.

ACC 702: Principles of Taxation

Basic concepts in taxation: elements of taxes, formal and effective incidence of tax, tax shifting, direct and indirect taxes, tax shifting welfare effect of taxation, criteria to be observed in choosing a equitable tax. Distribution of the burden of taxation. The income tax laws, and the income Tax Management Act 1961, the Companies income Tax Act 1979, the petroleum Profit Tax Act 1959, the income Tax(Forges and other persons) (Special provisions) Act1972 and relevant amendments. Computation of income tax: ascertainment of income, assessable income, total assessable income (including computation and treatment of capital allowances and losses), chargeable income and tax payable.

ACC 703: Quantitative Techniques

The nature and objectives of Statistics. Frequency distribution, measures of dispersion, essentials of probability, statistical distribution. Basic sampling techniques, decision theory, index numbers, time series, correlation and regression analysis. Introduction to Linear Programming. Practice in the use of Computer in problem solutions

ACC 704: Principles of Macroeconomics

The emphasis in this course is on the macro or aggregative aspect the economy. Topics include National income Account; the Determination of the Level of Aggregate Output, Employment and prices; the Monetary System: Monetary and Final Policies; Economic Growth; and International Monetary Economics

ACC 705: Principles of Microeconomics

Economics system and organisation, demand and supply, individual customer behaviour, the utility and indifference curve approaches. Market classifications, and the principles of production. The firm and perfect competitions, pure monopoly, monopolistic and oligopolistic competitions, pricing and employment of resources.

ACC 706: Introduction to Cost and Management Accounting

Nature, scope and functions of Cost and Management Accounting. The principles underlying the preparation and presentation of cost accounts for various types of businesses. The elements of cost. Cost Accounting for materials, labour, overheads and equipment. The different meanings of costs, viz: historical, marginal, average, etc

Costing methods: job and process cost accounting, elements of marginal costing and budgetary control, double entry accounts for cost control. Nature and use of accounting ratios, some current problems and issues.

ACC 707: Research Methodology

The course is designed to improve the ability of students to carry out empirical research and to evaluate published research. Topics covered include the nature of scientific research, theory building, and concepts definition, formulating hypotheses, validity and reliability, measurement and scaling methods, concepts, and problems in data collection and sampling, criteria for casual inference, studies and control groups, considerable time will devoted to report writing including editing, foot noting, etc.

ACC 708: Auditing Principles and Practices

The nature and purpose of Audit. The role of internal and external audits, reporting responsibilities, dismissal and resignation of auditors. The concept of 'true and fair view, independence of auditors'. Relationship between Auditors and Directors, shareholders and other financial statements users. Auditing planning initial review of accounting system, evaluation of internal control systems and procedures, - couching of accounts, verification of assets, sampling techniques, flow charting; stock taking procedures, letter representation. The audit Report statutory requirements for audit report (Companies Act 1990). Types of Audit reports. Professional requirements, duties and power under statutes.

ACC 709: Principles of Management

Principles of organisation. Classical organisation theory and human relations school. Informal organization; bureaucracy, politics and administration relations; personnel administration, administrative decision-making, control and accountability. Organisation of job design analysis and staffing.

ACC 710: Principles of Finance

This is an introductory course to make students understand some basic concepts in Finance. Topics covered include: money creation operations and monetary control, savings mobilization, interest rates and lending process, money and capital markets, the foreign exchange market and financial intermediation processes, source of capital, short and long term capital, internal and external finance. Time value of money, Compound value and interest, Annuities. Investment Appraisal Techniques.

ACC 711: Public Sector Accounting

Introduction to Public Sector Accounting. Distinction between public and private sectors. Basic Accounting for Not-for-profit (NFP) organizations. Classification of NFP. Basic characteristics of governmental accounting. Structures of governmental accounting in Nigeria. The treasury audit department, consolidated reserve fund, capital and development fund, Fund Accounting system and standardized uniforms for transaction. Decision making and planning and control of public fund application of costing methods, budgeting procedures, the use of audit department accounting for local government, educational and health institutions. Planning, programming and budgeting system (PPBS). Recent developments and issues, the public sector implication of Nigeria's membership in ECOWAS, effect of restricting public sector etc.

ACC 712: International Financial Reporting Standards

The course relates to formal body of accounting literature, such as pronouncements and opinion statements of various IPAC committees and other national regulatory bodies to current financial reporting methods, overview of international Reporting Standards, national accounting to International harmonization, pathway to financial reporting harmonization, structure of the IASB and various reviews.

ACC 713: Computer Applications in Business

Introduction to basic programming, data types, constant and variables, statement types, Assignment statements, input- output statement, Control statement.

ACC 714: Nigerian Economy

The national development plans and their implications for growth and economic development: The ideological conflicts in Economic Planning, Capitalism, Socialism, Mixed Economics; International Trade and Bilateralism; Economics Cooperation in West Africa; Major Economics Infrastructures; The

Nigeria capital and Money Markets; Economics of Housing and Urban Development; the indigenization Decree; the problem of Growth and investment Opportunities in Nigeria; Study of selected Industries and public Corporations; the policies of Oil and OPEC; the Agricultural Development Programmes; Nigerian Cooperatives: Functions and Accomplishments: Land Tenure and its impact on Agricultural Development: Manpower Development, Shortages and implications; the supply/Demand situation in Nigeria.

ACC 715: Public Finance

Federalism and public finance, direct and indirect taxation in Nigeria, operation of federal and state finance fiscal system, public debt policy, role of public corporations and marketing boards role of central bank, commercial and development banks; The budgeting cycle and public expenditure control, budgeting process.

ACC 716: Small Business Finance

This course focuses on the nature and operational character of the small business in Nigeria in terms of its socio-economic significance, operational procedures and problems. Topics covered include: The nature of Small business, Incorporating and starting a small business in Nigeria, idea generation for a small business. Raising Small Business Finance and the small scale industries credit scheme..Investment strategies for the Small Business. Production Management, Marketing and Personnel Administration in the Small Business, Ensuring cost-effectiveness and greater productivity, planning for growth in the Small Business, Succession Crises, Problems and Future of Small Business in Nigeria.

ACC 799: Research Project

An independent study of a topic approved by the department and supervisor and to be supervised by resource persons for the programme. The study which shall not exceed 10,000 words; should be typed and bind in an approved size paper and colour.

5.0 MASTER OF SCIENCE (MSc) DEGREE IN ACCOUNTING

5.1 OBJECTIVES

The MSc programme is designed to train and develop prospective academics, researchers, and specialists in Accounting by providing a thorough grounding in the intellectual traditions of the discipline. The objective include:

- a) To enable candidates to gain both deeper and broader insights into the field of Accounting.
- b) To prepare candidates for successful careers in academics, in business, and government.
- c) To develop candidates' capacity to appreciate and evaluate existing knowledge, thus enabling those who successfully complete the programme to pursue study and research in Accounting beyond Master's level if they so wish.
- d) Inculcate the requisite intellectual/conceptual foundations that will permit meaningful participation in the discussion or resolution of those problems which confront the Accounting discipline in the contemporary world
- e) Encourage research into factors that impede the maximum contribution of Accounting to national development and well-being of the people.
- f) Develop skills in logical reasoning and criteria analysis and improve the capacity of the students in formulating sound Accounting policies and strategies.

5.2 ADMISSION REQUIREMENTS

Candidates to be admitted into the MSc (Accounting) programme should possess:

- (i) Five (5) O'level credits in English Language, Mathematics, Economics and any other two (2) subjects in not more than two sittings; and any of the following:
- (ii) A good honor degree (at least second class) in Banking and Finance and/or Finance from a recognized university.
- (iii) A postgraduate diploma in Banking and Finance at upper credit in relevant area from a recognized university.
- (iv) A good honor degree (at least second class) in Actuarial Science, Economics and Accounting from a recognized university may be considered.

5.3 GRADUATION REQUIREMENT

The MSc (Accounting) degree shall be awarded to students who successfully complete a minimum of 36 credit units of workload broken into:

Twelve core courses (2 credits each)	24 units
Two elective courses (2 credits each)	4 units
Research Seminar	2 units
Research project	<u>6 units</u>
Total	<u>36 units</u>

Satisfactory participation in all parts of the curriculum and satisfactory completion of all required papers are conditions that must be satisfied to qualify for the award of the degree.

5.4 COURSE STRUCTURE

All students must register for all core courses together with the minimum elective course per semester

FIRST SEMESTER CORE COURSES

COURSE CODE	COURSE TITLE	TOTAL UNITS
ACC 801	Financial Accounting Theory	2
ACC 803	Research Methodology	2
ACC 805	Corporate Finance	3
ACC 807	Auditing Theory	2
ACC 809	Management Accounting Theory	3
ACC 811	International Accounting	2
	TOTAL	14

ELECTIVE COURSES

Students are to choose one (1) out of the available elective courses

COURSE CODE	COURSE TITLE	TOTAL UNITS
ACC 813	Management Theory and practice	2
ACC 815	Portfolio Theory and investment Analysis	2
ACC 817	Management of Financial Institution	2
ACC 819	Oil and Gas Accounting	2

Summary

Compulsory courses	= 14 Units
Elective courses	= 2 Units
Total courses to be registered	= 16 Units

SECOND SEMESTER

CORE COURSES

COURSE CODE	COURSE TITLE	TOTAL UNITS
ACC802	Management Information System	2
ACC804	Public Sector Accounting	2
ACC806	Taxation Theory and Practices	2
ACC808	Economic Theory	2
ACC810	M.Sc. Seminar	2
	TOTAL	10

ELECTIVE COURSES

Students are to choose two (2) from the following available electives courses.

COURSE CODE	COURSE TITLE	TOTAL UNITS
ACC812	Forensic Accounting	2
ACC814	International Business Finance	2
ACC816	Public Finance	2
ACC818	Accounting Standards	2

Summary

Compulsory courses = 10 Units

Elective courses = 4 Units

Total courses to be registered=14 Units

SECOND YEAR

FIRST AND SECOND SEMESTERS

COURSE CODE	COURSE TITLE	TOTAL UNITS
ACC899	M.Sc. Dissertation	6

Summary

Compulsory course = 6 Units

Elective courses = NIL

Total courses to be registered = 6 Units

5.5 COURSE DESCRIPTION

ACC 801 Financial Accounting Theory

A review of Basic Accounting procedures, including the rationale of Financial Accounting and the economic foundations of accounting generally. History of Accounting. Analysis of working capital and statements of the sources and application of funds and cash flows. Generally accepted Accounting principles and net income concepts, including the valuation of stock and work-in-progress. The investments, tangible and intangible fixed assets, liabilities and reserves. Elements of the impact of price-level changes on financial statements.

ACC 802 Management Information System (MIS)

This course is designed to expose students to the practical application of computers to management information processing. The course provides the steps followed in the utilization of electronic data processing (EDP) system in producing financial and management information, in feasibility studies, system analysis, system design and system implementation for

computerized accounting system. Among other things, the course will examine the following issues: Elements of computing mechanical and electronic, types of computers and their applications, computer programming using either COBOL or FORTRAN, data processing manual and mechanized systems, system analysis and design, evaluation and administration of MIS with emphases on computer based systems, meaning of information technology and its application in business, finance and management.

ACC 803 Research Methodology

The domain of scientific research. Research design and strategy; sampling activities of research and model construction. Data-collection strategies. The questionnaire. The interview motivation research. Measurement and analysis of data. Report writing. Research challenge in Nigeria. Ethics in management. Business and social responsibility. Research presentation. Guest lectures.

ACC 804 Public Sector Accounting

Basic Accounting for non-profit organizations; basic characterises of government accounting. Structure of governmental accounting in Nigeria; the treasury; audit department; consolidated revenue fund, capital and development fund, planning, programming, and budgeting system (PPBS)

ACC 805 Corporate Finance

Theory and measurements of business income. Investment selection, business valuation, financial planning and budgeting. Capital structure--sources, gearing, cost; financial criteria; new issue market and role of institutions; principles and law; international comparisons.

ACC 806 Taxation Theory and Practices

The principles, practices and theory of Nigerian system of income tax, surtax, corporation tax and capital gains tax. Computation and assessments in relation to individual, partnerships and limited companies. Procedures and practices relative to claims and appeals. Nigeria taxation in relation to foreign taxation.

ACC 807 Auditing Theory

Advanced principles of external and internal auditing, practices and techniques; principles and practices of internal control: the auditor's report, audit programme, auditing standards, professional ethics.

ACC 808 Economic Theory

Economic system and Organization, demand and supply, individual consumer behaviour, the utility and indifference curve approaches. Market classifications, the principles of production, the Firm and perfect competition, pure monopoly, monopolistic and oligopolistic competitions, pricing and employment of resources, National Income Account; the Determination of the level of Aggregate Output, Employment and prices; the monetary System: Monetary and Fiscal policies; Economic Growth; and International Monetary Economics.

ACC 809 Management Accounting Theory

Nature, scope and purpose of costing. Theory of costing, elements of costing, material, labour, and over-head (in outline only); cost allocation, apportionment, methods of costing. Marginal costing, costing ascertainment cost/profit/volume analysis break even analysis. Standard costing, profit contribution, mix and yield variances; interpretation of variances and their relationships.

ACC 810 MSc. Seminar

Students are expected to provide three seminar papers of current issues in Accounting related field to be presented at departmental or college seminars.

ACC 811 International Accounting

The course is designed for students interested in accounting and financial control of international operations. It involves preparation, transition and analysis of financial statements for companies that have branches of foreign multinational companies.

ACC 812 Forensic Accounting

This course introduces the students to the investigative aspects of Accounting. It covers forensic methods of dealing with various financial statements. Auditing process and assurance quality are also covered.

ACC 813 Management Theory and Practices

The course covers conventional and modern conceptions of management, Definition and dynamics of management theory; levels and feature of theory in management. Applications and relevance of theory in the Nigeria context. Organizational design and outline managing group processes, problems of

ACC 814 International Business Finance

Course content focuses on the economy in which the international financial manager operates. It entails the risks of doing business overseas and the tools available to minimize those risks. Methods of international payment including the processes involved are also covered.

ACC 815 Portfolio Theory and Investment Analysis

Evaluation of securities; efficiency and technical analysis, ratio analysis, profit planning, definitions of Capital Project, capital budgeting techniques, applications of Linear Programming in Capital project, Feasibility Studies: Project Conceptualization, design, market, technical Economics analysis.

ACC 816 Public Finance

The nature and scope of public finance; comparative models of financial management; profit maximization, welfare maximization, value for money and accountability models. Objectives and functions of the government. Organization of government for financial management; the function and responsibilities of the chief executive and Accounting officer, the Accountant General, the Revenue Collector, the Board of Inquiry, the Treasury Cash Officer/sub-Accountant, the Store Officer, etc. Financial and supplies; principle of sharing revenue among the tiers of government in a federal system the Nigerian experiences; sources of revenue and their relative importance, the politics of revenue allocation in Nigeria. The allocated and unallocated store; the rationale for one establishment of allocated stores. The Nigerian public debt and its management. Funded and unfunded methods of debt payments and provisions for debt repayment.

ACC 817 Management of Financial Institutions

A survey of the structure and operations of the market for medium and long term securities is carried out. The course examines the nature, types, sources and uses of term securities as well as the nature, objectives structure, functions and practices of institutions such as the stock exchange, acceptance houses, trust, investment banks, insurance companies and international finance institutions. Economics and legal aspects of the capital market, analysis of interest rates, cost of capital, prices of securities, risk dividend policies and their implications for investment decisions and income are also studied.

ACC 818 Accounting Standards

The aim of this course is to inculcate in the students the understanding the major accounting standards bodies of the world including their history, methods and standards they set. The Nigerian Accounting Standards Boards (NASB) and the Statement of Accounting Standards (SASs); the financial Accounting Standards Board (FASB-USA) and the Financial Accounting Standards (FASs), the Accounting Standard Board (ASB-UK) and the Statements of Standard Accounting Practice (SSAPs); and the International Accounting Standards Board (ISAB) and International Financial Reporting Standards.

ACC899 Dissertation

An empirical based study on Accounting related topic and problem area approved by the supervisor and the department/college of postgraduate committee is required by a graduating student. The study which shall not exceed 30,000 words; should be typed and bind in an approved size paper and colour.

6.0 DOCTOR OF PHILOSOPHY (PhD) IN ACCOUNTING

6.1 OBJECTIVES OF THE PROGRAMME

The objectives of the PhD Accounting Programme are to:

- (i) Provide training in research for those whose future careers will lie in teaching and research at the University and research institutions and for those who may have to operate in research and development environment in the public and private sectors.
- (ii) Provide training aim at improving and upgrading the existing and potential manpower needed for national development.
- (iii) Inculcate the requisite intellectual/conceptual foundations that will permit meaningful participation in the discussion or resolution of the problems which comfort the Accounting discipline in the contemporary world.
- (iv) Encourage research into problems which the maximum contribution of Accounting to national development and well-being of the people
- (v) Develop skill in logical reasoning and critical analysis and improve the capacity of students in formulating sound accounting policies and strategic.
- (vi) To encourage graduate of doctoral degree to be able to impart his or her knowledge to others as colleagues, subordinates or students

6.2 ADMISSION REQUIREMENTS

- a) Five (5) O'level credits in English Language, Mathematics, Economics and any other two (2) subjects in not more than two sittings; and any of the following:
- b) A good MSc Degree in Banking and Finance and/or Finance with at least an average of B grade (60%) which includes course work and thesis/dissertation.
- c) A good MSc Degree in Economics with at least an average of B grade (60%) which includes course work and thesis/dissertations.

6.3 GRADUATION REQUIREMENTS

6.4 COURSE STRUCTURE

FIRST SEMESTER CORE COURSES

COURSE CODE	COURSE TITLE	TOTAL UNITS
ACC901	History of Accounting Thought	2
ACC903	Advanced Financial Accounting Theory	2
ACC905	Advanced Management Theory & Practices	2
ACC907	Advanced Research Methodology & Econometrics	2
	TOTAL	8

ELECTIVE COURSE

Students are to choose one (1) out of the available two elective courses

COURSE CODE	COURSE TITLE	TOTAL UNITS
ACC909	Public Sector Accounting	2
ACC911	Advanced Management Accounting Theory	2

Summary

Compulsory courses = 8 Units

Elective courses = 2 Units

Total = 10 Units

SECOND SEMESTER

CORE COURSES

COURSE CODE	COURSE TITLE	TOTAL UNITS
ACC902	Advanced Auditing Theory	2
ACC904	Contemporary Issues in Accounting	2
ACC906	PhD Seminar	2
	TOTAL	6

ELECTIVE COURSES

Students are to choose one (1) out of the available elective course

COURSE CODE	COURSE TITLE	TOTAL UNITS
ACC908	Environmental Accounting	2
ACC910	Strategic Management	2
ACC912	Advanced IT Applications	2

Summary

Compulsory courses = 6 Units

Elective courses = 2 Units

Total = 8 Units

THIRD-SIXTH SEMESTER: THESIS

COURSE CODE	COURSE TITLE	TOTAL UNITS
ACC999	Thesis writing	12
TOTAL		12

Summary

Compulsory courses = 12 Units

Elective courses = NIL

Total = 12 Units

6.5 COURSE DESCRIPTION**ACC 901 HISTORY OF ACCOUNTING THOUGHT**

The nature and scope of accounting and its evolution: the accounting function and its relationship with the information systems of organizations. Accounting procedures and systems. Source documents, books of original entry and books of accounts. Provisions and reserves, classification of expenditure between capital and revenue, methods of recording accounting data-manual and mechanical; manufacturing, trader, Accounting treatment of control accounts and bank reconciliation.

ACC 902 ADVANCED AUDITING THEORY

Evolution of auditing, procedures with particular reference to internal control system. Internal audit functions, sampling and statistical techniques; auditing standards and guidelines including exposure draft; post audit review; audit of accounts of solicitors, charitable and other non-trading organizations.

ACC 903 ADVANCED FINANCIAL ACCOUNTING THEORY

Further work on advanced company accounts including the accounts of banks and insurance companies, and the Nigerian insurance acts. Valuation of Goodwill and company shares. Divisible profits and company dividends. Royalty and hire purchase accounts consolidated and other group accounts. Elements of mechanized accounting including the application of computers and related systems to business accounts. Governmental, municipal and public utility accounting with specific references to Nigerian Organizations. Seminars on Accounting systems, including business, Governmental, municipal and public utility Accounting systems.

ACC 904 CONTEMPORARY ISSUES IN ACCOUNTING

Discussion and articulation of recent developments in the accounting literature such as:

a. **Business Finance Theory**

The principles and procedures underlying financial statement; financial transactions; alternative accounting statements; tools of analysis of ratios and quantitative measure; accounting information useful for managerial action; application of information in decision situations. Project appraisal, analysis of investment projects, the impact of risk, tax and inflation, the term structure of interest rates, the cost of capital and target rates of return; capital markets, its efficiency, the role of intermediaries, sources of finance, the borrowing decision and company valuation and optional portfolio allocation; capital structures, optimal capital structure of firms, mergers and acquisition and market for corporate control, market efficiency, the principle of capital structure, gearing and the basis of hedging and international finance.

b. Contemporary issues in international accounting

The course is designed for students interested in accounting and financial control of international operations. It involve preparation, translation and analysis of financial statements for companies that have branches of foreign multinational companies.

ACC 905 ADVANCED MANAGEMENT THEORY AND PRATICE

Conventional and modern conceptions of management, definition and dynamics of management theory; levels and feature of theory in management. Application and relevance of theory in the Nigeria content. Organizational design and outline managing group processes, problems of integration and control, managing change and development. Modern issues in management theory.

ACC 906 PhD SEMINAR

Each seminar relates to an examination of current issues in the area of specialization in consultation with supervisor. Result of such examinations shall be presented at departmental or faculty seminars. Requirement of the doctoral seminar shall be at the recommendation of the supervisor and the approval of the postgraduate sub-committee.

ACC 907 ADVANCED RESEARCH METHODOLOGY

This course utilizes advance research techniques to explore problems in banking and finance. In addition, the course teaches students the use of advance research techniques to investigate empirical issues in Accounting. Some of the topics to be covered among others include advanced research design, qualitative and quantitative method of research, advance measurement scaling, multidimensional scaling, complex sampling approach, meta-analysis, structural equation modelling in banking and finance, conjoint analysis. Specifically, the course aim to expose students to contemporary, but not common, research methods that are relevant for understanding and solving general business management problems. Students are to be exposed to scholarly works in journals and textbooks utilizing relevant advanced research techniques.

ACC 908 ENVIRONMENTAL ACCOUNTING

This course has the aim inculcating in the students the idea of cost and control processes of the effects of productive activities in the decision making.

ACC 909 PUBLIC SECTOR ACCOUNTING

Emphasis on this course will be computer simulation which is a tool in the study of a variety of complex business and social systems. Topics include modelling and management information systems. Other areas covered include job shop scheduling; inventory and queuing systems and management games. Examples will be drawn from business, health and Public and education administration.

ACC 910 STRATEGIC MANAGEMENT

The course deals with the corporate management of the business enterprise. The first part of the course focuses on the nature and dynamics of business policy, the strategy concept, missions and objectives. The rest of the course will cover the strategic planning process stakeholder or management, techniques for strategic appraisal, SWOT, industry and competitive analysis, portfolio analysis, development of strategic options, turn around and recovery strategic, mergers, acquisitions and divestment.

ACC 911 ADVANCED MANAGEMENT ACCOUNTING THEORY

This course aims at introducing students to the advanced theories and practice of management accounting in the decision making process.

ACC 912 ADVANCED IT APPLICATIONS

Emphasis on this course will be computer simulation which is a tool in the study of a variety of complex business and social systems. Topics include modelling and management information systems. Other areas covered include job shop scheduling; inventory and queuing systems and management games. Examples will be drawn from business, health, and public and education administration.

6.6 LIST OF ACADEMIC STAFF

S/N	NAME	STATUS	QUALIFICATIONS	SPECIALIZATION
1.	Dr. Okpala, K. E. (HOD)	Reader & Ag. Head of Department	Adv. Dip. PGDFM., BSc, MBA, MSc, PhD, FCA, FFAR, FNIM, MISM, ACPA, ACTI, ABIM	Financial Management, Financial Accounting, Advance IT Application, Management Accounting
2.	Prof. Mrs. Akinlo, O. O.	Professor	BSc, MBA, MPhil, PhD	Management Accounting, Cost Accounting
3.	Prof. Ogunde, A. O.	Professor	BSc, MSc, PhD	Computer Applications in Management, Management /information system
4.	Dr. J. K Olowookere.	Reader	BSc, MBA, MSc, MPhil, PhD, FCA	Financial Management, Financial Accounting, Environmental Accounting
5.	Dr. Ayodele, T. D.	Senior Lecturer	BSc, MBA, MSc, PhD, ACIB	Public Sector Accounting, Public Finance, Taxation
6.	Dr. Sunday F. Olasupo.	Senior Lecturer	BSc, MSc, PhD, FCA	Financial Management, Financial Accounting,
7.	Dr. O. S. Ighomereho,	Senior Lecturer	BSc, MSc, PhD	Corporate Finance Business Finance
8.	Dr. R. S. Dauda,	Senior Lecturer	BSc, MSc, PhD	Marketing, Quantitative Techniques
9.	Dr. Mrs. Akinyede, O.	Senior Lecturer	BSc, MSc, PhD ACIB	Small Business, Finance Research Methodology
10	Dr. Mrs. M. I. Ojedele	Lecturer I	BSc, MBA, MSc, MPhil, PhD.	Management Accounting Corporate Finance
11	Dr. Mrs. M. T. Worimegbe	Lecturer I	BSc, MSc, PhD	Cost Accounting Environmental Accounting

CHAPTER ELEVEN

DEPARTMENT OF FINANCE

1.0 PHILOSOPHY

The Post Graduate Programmes in Finance of the Redeemer's University are designed to provide graduate education and training in the Finance discipline, which develops and deepens the spirit of enquiry and responsibility in the graduate students, to take on research, teaching and administrative responsibilities, in public and private sectors of the nation and global economy.

The Programmes include:

- (i) Post Graduate Diploma in Finance.
- (ii) Master of Science (MSc) degree in Finance, and
- (iii) Doctor of philosophy (PhD) degree in Finance.

The Programmes are designed in line with the benchmark/minimum academic standards put in place by the NATIONAL UNIVERSITIES COMMISSION (NUC), and also satisfying the Redeemer's University matriculation and graduation requirements.

2.0 HISTORY OF FINANCE DEPARTMENT

The Department of Finance is one of the current four departments in the Faculty of Management Sciences, Redeemer's University. The Department was created in 2019/2020 session from the old Department of Financial Studies which was established in 2005 at Redemption Camp, Mowe, Ogun State. The Department was housing four programmes: Accounting, Actuarial Science, Banking & Finance and Insurance until August, 2019 when two Departments (Accounting and Finance) were created from it. This was done as a result of the vision of the University's Management to grow the University by expanding the old and fewer numbers of Departments and Faculties in the University.

The Department, along with other Departments in the University relocated to the present place in Ede, Osun State in 2014. The programmes in the Department have been enjoying full accreditation since inception. The Department of Finance, under the leadership of the pioneer Head, Dr. T. D. Ayodele, secured necessary MOU with the Chartered Institute of Bankers of Nigeria (CIBN) apart from the full accreditation earned from the body. Over the years, the Department has produced Chartered Accountants graduates, Chartered Bankers, Chartered Stockbrokers, Lecturers and other high fliers in the both public and private settings in Nigeria and beyond.

We are also blessed with seasoned lecturers who are capable of handling both undergraduate and postgraduate programmes in the Department.

3.0 TYPES OF PROGRAMMES

The Department runs Postgraduate Diploma (PGD), Master of Science (MSc) and Doctor of Philosophy (PhD) in Finance.

4.0 POSTGRADUATE DIPLOMA (PGD) IN FINANCE

4.1 OBJECTIVES OF THE PROGRAMME

The postgraduate diploma in Finance is designed to:

- (i) Provide understanding of the core courses in Finance.
- (ii) Provide knowledge of the basic skills and tools for decision making in the discipline in both private and public sector.

4.2 ADMISSION REQUIREMENTS

Five (5) O'level credits in English Language, Mathematics, Economics and any other two (2) subjects in not more than two sittings; and any of the following:

- (i) A third class degree in Banking and Finance and/or Finance, Economics, Accounting, Insurance and Actuarial science from a recognized university.
- (ii) A good honors degree (at least second class) in other disciplines outside those mentioned in (i).
- (iii) A Higher National Diploma (HND) in relevant area from a recognized polytechnic.
- (iv) Relevant professional qualifications.

4.3 GRADUATION REQUIREMENTS

The PGD (Finance) shall be awarded to students who successfully complete a minimum of 26 credit units of workload broken into:

Eleven core courses (2 credits each)	22 units
One elective courses 2 credits each)	2 units
Research project	4 units
Total	28 units

Satisfactory participation in all parts of the curriculum and satisfactory completion of all required papers are conditions that must be satisfied to qualify for the award of the degree.

4.4 COURSE STRUCTURE

FIRST SEMESTER

CORE COURSES

COURSE CODE	COURSE TITLE	UNIT
PDF 701	PRINCIPLES OF FINANCE	2
PDF 703	BUSINESS FINANCE	2
PDF 705	PUBLIC FINANCE	2
PDF 707	PRINCIPLES OF ACCOUNTING	2
PDF 709	PRINCIPLES OF MICRO-ECONOMICS	2
PDF 711	RESEARCH METHODOLOGY	2
	TOTAL	12

ELECTIVE COURSES

Students are to choose one (1) out of the elective courses

COURSE CODE	COURSE TITLE	UNIT
PDF 713	FINANCIAL INSTITUTIONS AND MARKET	2
PDF 715	FUNDAMENTALS OF MARKETING	2

SECOND SEMESTER

CORE COURSES

COURSE CODE	COURSE TITLE	UNIT
PDF 702	INVESTMENT ANALYSIS & PORTFOLIO MGT	2
PDF 704	MANAGEMENT OF FINANCIAL INSTITUTIONS	2
PDF 706	QUANTITATIVE TECH FOR FIN DECISION	2
PDF 708	PRINCIPLES OF MACRO ECONOMICS	2
PDF 710	PRINCIPLES OF MANAGEMENT	2
PDF 799	RESEARCH PROJECT	4
	TOTAL	14

4.5 COURSE DESCRIPTION

PDF 701: Principles of Finance

This is an introductory course to make students understand some basic concept in finance. Topic covered include: money creation operations and monetary control, savings mobilization, interest rates and lending process, money and capital markets, the foreign exchange markets, the foreign exchange market and financial intermediation processes, source of capital, short and long term capital, internal and external finance, corporate finance, corporate securities, debt and equity finance, the Nigeria banking system and the central Bank of Nigeria traditional and development roles, bank capitalization and recent development in the Nigeria and global financial systems.

PDF 703: Business Finance

The course covers working capital financial management, accounts, receivable management, inventory management, and cash management, it also covers capital budgeting decisions and capital structure decisions and dividend decision.

PDF 705: Public Finance

Federalism and public finance, direct and indirect taxation in Nigeria, operation of federal and state finance fiscal system, public debt policy, role of public corporations and marketing board's role of central bank, commercial and development banks, the budgeting cycle and public expenditure control, budgeting process.

PDF 707: Principles of Accounting

Accounting and Auditing. Basic principles and concepts of Accounting in the private business enterprises. Book-keeping process. Elementary theory of Accounting. Basic practices of financial, cost and management, Basic theory of auditing, internal and external auditing

PDF 709: Principles of Micro economics

Economics system and organisation, demand and supply, individual customer behaviour, the utility and indifference curve approaches. Market classifications, and the principles of production. The firm and perfect competitions, pure monopoly, monopolistic and oligopolistic competitions, pricing and employment of resources.

PDF 711: Research Methodology

The course is design to improve the ability of the students to carry out empirical research and to evaluate public research. Topics covered include the nature of scientific research, theory building and concept definition, formulating hypothesis, validity and reliability, measurement and scaling method, concept, and problems in data collection and sampling, criteria for causal inferences, studies and control; groups, considerable time will be devoted to report writing, including editing, foot noting, etc.

PDF 713: Financial Institutions and Markets

The course covers: overview of the financial system, embracing banks, non-bank financial institution, money and capital market and the regulatory authorities- the central bank, the Securities and Exchange Commission, the stock exchange, survey of the structure and operation of the market, medium and long- term securities. Other topic includes overview of the nature, types, sources and uses of term securities as well as the nature, objective, structure, function and practices of institution, such as the stock exchange, investment banking, insurance and pension institution as well as international finance institution. The other aspect includes: economic and legal aspect of the capital market, analysis of interest rate, cost of capital, prices of securities, risk in securities operation and their implication for investment and performance of the financial operators.

PDF 715: Fundamentals of Marketing

The course introduces students to the basics of marketing with regard to meaning and definitions of marketing, basic marketing concepts, marketing evolution and practices, buyer behaviour and marketing segmentation, introduction to marketing research and introduction to international marketing. Major elements of marketing strategy in relation to product development; distribution channels; advertising, sales promotion and pricing are examined in detail.

PDF 702: Investment Analysis and Portfolio Management

The study covers portfolio selection as a problem of constrained utility maximization under conditions of uncertainty; Discussion of the different markets, along empirical evidence for validity of the theory; activities involved in making selection among alternative financial assets from the viewpoints of individuals and institutional investors; implications of the efficient market theory for the profitability of alternative investment; valuation of financial statements and analysis. The empirical evidence for various mean variance models of assets for evaluating portfolio performance is emphasized.

PDF 704: Management of Financial Institutions

The course is concerned with financial management of banks and other financial institutions. The management decision making problems in the course view, the financial firm as having goals of maximizing returns on asset subject to the constraints of the funds model, the maintenance of solvency, the capital adequacy problems and demands of the regulatory authorities. Also covered are the analysis

of various issues and problems common to many financial intermediaries, such as corporate planning and control in financial institution; competition for funds, asset and liability management, marketing of financial services, the measurement of performance and the reconciliation of profit objectives with public relations and social obligations. Case studies are expected to be employed in illustrating typical real issues.

PDF 706: Quantitative Techniques for Financial Decisions

The course aims at giving the student quantitative skills necessary for banking and financial decision making. The focus the course will be more of application rather than of the theory per se. it covers descriptive statistics, probability and expectations, discrete and continuous distributions and statistical decision theory, study of estimation, test of hypotheses and confidence intervals. Time series analysis, index number with applications in finance, multiple regressions including correlation analysis. Also,its includes inventory, forecasting, queuing models, analysis of variance, use of computer as a tools, emphasized with application with finance. Transportation techniques market processes, game theory and mathematical programming will be covered.

PDF 708: Principles of Macro-economics

The emphasis in this course is on the macro or aggregative aspect the economy. Topics include National income Account; the Determination of the Level of Aggregate Output, Employment and prices; the Monetary System: Monetary and Final Policies; Economic Growth; and International Monetary Economics

PDF 710: Principles of Management

Principles of organisation. Classical organisation theory and human relations school. Informal organization; bureaucracy, politics and administration relations; personnel administration, administrative decision-making, control and accountability. Organisation of job design analysis and staffing.

PDF 799: Research Project

An independent study of a topic approved by the department and the supervisor / resource persons for the programme. The project shall be presented in line with approved postgraduate school template.

5.0 MASTER OF SCIENCE (M Sc) DEGREE IN FINANCE

The M.Sc programme is designed to train and develop prospective academics, researchers and specialists in financial institutions and markets by providing thorough grounding in the intellectual traditions of the discipline.

5.1 ADMISSION REQUIREMENTS

To be admitted into the MSc programme of Finance, candidates must possess:

- (i) Five (5) O'level credits in English Language, Mathematics, Economics and any other two (2) subjects in not more than two sittings; and any of the following:
- (ii) A good honor degree (at least second class) in Banking and Finance and/or Finance from a recognized university.
- (iii) A postgraduate diploma in Banking and Finance at upper credit in relevant area from a recognized university.
- (iv) A good honor degree (at least second class) in Actuarial Science, Economics and Accounting from a recognized university may be considered.

5.2 GRADUATION REQUIREMENTS

The MSc (Finance) degree shall be awarded to students who successfully complete a minimum of 36 credit units of workload broken into:

Twelve core courses (2 credits each)	24 units
Two elective courses (2 credits each)	4 units
Research Seminar	2 units
Research project	6 units
Total	<u>36 units</u>

Satisfactory participation in all parts of the curriculum and satisfactory completion of all required papers are conditions that must be satisfied to qualify for the award of the degree.

5.3 COURSE STRUCTURE

FIRST SEMESTER

CORE COURSES

COURSE CODE	COURSE TITLE	UNIT
FIN 801	APPLIED CORPORATE FINANCE	2
FIN 803	THEORIES OF FINANCIAL INTERMEDIATION	2
FIN 805	MICRO AND SMALL BUSINESS FINANCE	2
FIN 807	MANAGEMENT OF FINANCIAL INSTITUTIONS	2
FIN 809	MICROECONOMIC THEORY	2
	TOTAL	10

ELECTIVES (students are to take only one)

COURSE CODE	COURSE TITLE	UNIT
FIN 811	MANAGEMENT THEORY AND PRACTICE	2
FIN 813	FINANCIAL PLANNING AND CONTROL	2
FIN 815	MANAGEMENT ACCOUNTING THEORY	2

SECOND SEMESTER

CORE COURSES

COURSE CODE	COURSE TITLE	UNIT
FIN 802	PORTFOLIO THEORY & INVESTMENT ANALYSIS	2
FIN 804	INTERNATIONAL BUSINESS FINANCE	2
FIN 806	FINANCIAL DERIVATIVES	2
FIN 808	MACROECONOMIC THEORY	2
FIN 810	RESEARCH METHODOLOGY	2
	TOTAL	10

ELECTIVES (students are to take only one)

COURSE CODE	COURSE TITLE	UNIT
FIN 812	BASIC ECONOMETRICS	2
FIN 814	MANAGEMENT INFORMATION SYSTEM	2

THIRD SEMESTER**CORE COURSES**

COURSE CODE	COURSE TITLE	UNIT
FIN 821	QUANTITATIVE TECH FOR FINANCIAL DECISION	2
FIN 823	PUBLIC SECTOR FINANCIAL MGT.	2
FIN 825	RESEARCH SEMINAR I	1
	TOTAL	5

FOURTH SEMESTER

COURSE CODE	COURSE TITLE	UNIT
FIN 826	RESEARCH SEMINAR II	1
FIN 899	THESIS	6
	TOTAL	7

5.4 COURSE DESCRIPTION**FIN 801: Applied Corporate Finance**

The nature of firm and corporate objectives. Implementation of firms' goals for choice among alternative investment projects (the capital budgeting problems), market evaluation of asset under uncertainty and implication for capital budgeting, analysis and illustration with problems of alternative investment criteria, alternative approach to value of firm and the cost of capital; discussion of corporate financial problem; e.g. leasing, mergers and acquisition, and issuance of new security.

FIN 803: Theories of Financial Intermediation

The course analyses financial market conceptually and theoretically, emphasizing the role, structure and activities of financial intermediaries. The dynamic pattern of financial flow is analyzed inflow of funds, and uses/ source of fund, models of the process of financial intermediation and the theory of banking firm. The crucial role of interest rate and structure of interest rate are analyzed. Also analyzed are the regulatory framework and its impact on banking operations, market and structure performance of the financial intermediation functions of institutions.

FIN 805: Micro and Small Business Finance

The course content includes sources and application of funds in micro and small business firms. Also, it covers working capital financial management, accounts, receivable management, inventory management, and cash management in small businesses and; ways of raising funds through Banks and the preparation of feasibility study.

FIN 807: Management of Financial Institutions

The course is concerned with financial management of banks and other financial institutions. The management decision making problems in the course view, the financial firm as having goals of maximizing returns on asset subject to the constraints of the funds model, the maintenance of solvency, the capital adequacy problems and demands of the regulatory authorities. Also covered are the analysis of various issues and problems common to many financial intermediaries, such as corporate planning and control in financial institution; competition for funds, asset and liability management, marketing of financial services, the measurement of performance and the reconciliation of profit objectives with public relations and social obligations. Case studies are expected to be employed in illustrating typical real issues.

FIN 809: Micro Economic theory

The course examines diverse topics in micro-economics such as basic axioms of consumer decisions; direct utility maximization and derivation of demand functions; dual approaches to consumer choice and preferences; indirect utility and expenditure functions.

FIN 811: Management Theory and Practices

Conventional and modern concepts of management, definition and dynamics of management theory, levels of features of theory in management. Applications and relevance of management theory in the Nigeria context. Organizational design and outline managing group processes, problems of integration and control, managing change and development. Contemporary issues in management theory.

FIN 813: Financial Planning and Control

The content covers introduction to financial planning and control, nature and purpose of financial planning and control, corporate strategy, organizational goals and objectives, cost concepts for financial planning and control, corporate financial planning, budgeting and budgetary control, impact of organizational structure on financial decision-making, financial resources management, financial control mechanism, financial reporting system, techniques used for financial planning and control, assessment of financial performance in firms, financial principles and practice of risk management, financial policy and strategy and business tax planning systems.

FIN 815: Management Accounting Theory

Nature, scope and purpose of costing. Theory of costing, elements of costing, material, labour, and overhead (in outline only); cost allocation, apportionment, methods of costing. Marginal costing, costing ascertainment cost/profit/volume analysis break even analysis. Standard costing, profit contribution, mix and yield variances; interpretation of variances and their relationships.

FIN 802: Portfolio Theory and Investment Analysis

The study covers portfolio selection as a problem of constrained utility maximization under conditions of uncertainty; Discussion of the different markets, along empirical evidence for validity of the theory; activities involved in making selection among alternative financial assets from the viewpoints of individuals and institutional investors; implications of the efficient market theory for the profitability of alternative investment; valuation of financial statements and analysis. The empirical evidence for various mean variance models of assets for evaluating portfolio performance is emphasized.

FIN 804: International Business Finance

It covers over view of international financial systems; international banking and financial market, including the foreign exchange risks and management practices by international businesses; euro bank and euro financing; method in international trade; international financial management, capital budgeting, project finance, and transfer pricing by multinational corporations, foreign direct investments, multilateral investment guarantee and investment codes; international business operation in the concept of changing global financial development.

FIN 806: Financial Derivatives

This covers an overview of the theory and practice of pricing and hedging derivative securities. These include forward and futures contracts, swaps, and many different types of options. This course covers diverse areas of derivatives, such as equity and index derivatives, foreign currency derivatives and commodity derivatives, as well as interest rate derivatives. This course also addresses the issue of how to incorporate credit risk into the pricing and risk management of derivatives. All the relevant concepts are discussed based on the discrete time binomial model and the continuous time Black-Scholes model. The extensions of the Black-Scholes model are also discussed.

FIN 808: Macroeconomic Theory

The course examines diverse topics in macro-economics. It addresses topics such as macroeconomic analytical approaches; classical model of income determination; Keynesian model of income determination; consumption function; investment demand functions; disequilibrium and post Keynesian macroeconomics; rational expectation models; model of forward looking behavior.

FIN 810: Research Methodology

This course utilizes advance research techniques to explore problems in banking and finance. In addition, the course teaches students the use of advance research techniques to investigate empirical issues in banking and finance. Some of the topics to be covered among others include advanced research design, qualitative and quantitative method of research, advance measurement scaling, multidimensional scaling, complex sampling approach, meta-analysis, structural equation modeling in banking and finance, conjoint analysis. Specifically, the course aim to expose students to contemporary, but not common, research methods that are relevant for understanding and solving general business management problems. Students are to be exposed to scholarly works in journals and textbooks utilizing relevant advanced research techniques.

FIN 812: Basic Econometrics

In this introduction of econometrics covers, topics to be covered include; the study of specification of econometric models in economics and finance theory, stochastic disturbance, and the link between conceptual variables and observable economic data are combined. Other topics include: estimation of single equation linear, non-linear models by least squares (OLS) and other methods and estimation of time series models and simultaneous equation models. Particular attention is given to specifications of problems and errors, and applications of various tools to aid analysis in finance.

FIN 814: Management Information System

This course is designed to expose students to the practical application of computers to management information processing. The course provides the steps followed in the utilization of electronic data processing (EDP) system in producing financial and management information, in feasibility studies, system analysis, system design and system implementation for computerized accounting system. Among other things, the course will examine the following issues: Elements of computing mechanical and electronic, types of computers and their applications, computer programming using either COBOL or

FORTRAN, data processing manual and mechanized systems, system analysis and design, evaluation and administration of MIS with emphases on computer based systems, meaning of information technology and its application in business, finance and management.

FIN 821: Quantitative Techniques for Financial Decision

The course aims at giving the student quantitative skills necessary for banking and financial decision making. The focus of the course will be more of application rather than of the theory. It covers probability distribution and statistical decision theory; Time series analysis with applications in finance; Regression and Correlation analysis; Inventory, Queuing models and use of computer as a tool, with application in finance; Transportation Algorithms and Linear programming problems.

FIN 823: Public Sector Financial Management

This covers the procedures for estimation and control of government expenditure and the raising of revenue; estimation of expenditure, authorization of expenditure and accounting processes for public planning expenditure; efficiency of government expenditure; measurement of efficiency of government expenditure; objectives of government expenditure; the planning programming budgeting system and other budgeting system as an approach to cost effectiveness appraisal of government expenditure. Also included are: the multi-nature of public sector-federal state and local authorities and financial relationships between government units; fiscal federalism, local government finance, rates, borrowing, federal/state grants, commercial activities; the system of federal/state grants and changes over time; the central of local authority expenditure; current and capital, its planning and control; pricing and investment problems, accosting and financial control in public owned enterprise.

FIN 825/ 826: MSc Research Seminar

This seminar introduces students to the most recent research in the area of Finance and Investment, examining current issues and trends. Students have an opportunity to present and discuss their own research and actively engage and discuss their works and that of others. Each student is expected to make at least one presentation during course, focusing on the formulation, design, execution, and results of his/her research.

FIN 999: THESIS

An empirical based study and report on an acceptable Finance problem area approved by the supervisor and the Departmental Postgraduate Committee

6.0 DOCTOR OF PHILOSOPHY (PhD) IN FINANCE

6.1 OBJECTIVE OF THE PROGRAMME

To develop prospective academics, researchers, and financial analysts; by broadening the intellectual and research capabilities of the candidates.

6.2 ADMISSION REQUIREMENTS

Candidates to be admitted into the PhD Finance programme must possess:

- (i) Five (5) O'level credits in English Language, Mathematics, Economics and any other two (2) subjects in not more than two sittings; and any of the following:
- (ii) A good MSc Degree in Banking and Finance and/or Finance with at least an average of B grade (60%) which includes course work and thesis/dissertation.
- (iii) A good MSc Degree in Economics or Actuarial Science with at least an average of B grade (60%) which includes course work and thesis/dissertations.

6.3 GRADUATION REQUIREMENT

i) The PhD degree in Finance shall be awarded to students who successfully completed a minimum of 30 credit units of workload broken into:

Five core courses (2 credits each)	10 units
Two elective courses (2 credits each)	4 units
PhD Seminar	4 Units
Research project	12 units
Total	<u>30 units</u>

Satisfactory participation in all parts of the curriculum and satisfactory completion of all required papers are conditions that must be satisfied to qualify for the award of the degree.

i) A PhD Student from other recognized universities shall be allowed a credit transfer of not more than 18 credit units passed with a minimum of B grade at the Master's degree level.

6.4 COURSE STRUCTURE

FIRST SEMESTER

CORE COURSES

COURSE CODE	COURSE TITLE	UNIT
FIN 901	ADVANCED THEORY OF CORPORATE FINANCE	2
FIN 903	ADVANCED RESEARCH METHODOLOGY	2
	TOTAL	4

SECOND SEMESTER

CORE COURSES

COURSE CODE	COURSE TITLE	UNIT
FIN 902	ADVANCED PORTFOLIO THEORY AND MANAGEMENT	2
FIN 904	EMPIRICAL INVESTIGATIONS IN FINANCE	2
	TOTAL	4

THIRD & FOURTH SEMESTERS

CORE COURSES

COURSE CODE	COURSE TITLE	UNIT
FIN 921	PhD SEMINAR I	2
FIN 922	PhD SEMINAR II	2
	TOTAL	4

FIFTH & SIXTH SEMESTERS

CORE COURSES

COURSE CODE	COURSE TITLE	UNIT
FIN 999	PhD THESIS	12
	TOTAL	12

6.5 COURSE DESCRIPTION

FIN 901: Advanced Theory of Corporate Finance

The course treats at the theoretical level the conceptual foundations of funds allocations among assets and asset classes, and analyses the effects of various corporate financial policy decisions (e.g. capital structure and dividend policy) on the value of the firm. It also includes analysis of the effects of taxes, bankrupting costs and agency costs on these decisions. The analysis is conducted successively under the assumption of perfect and imperfect markets, and certainty and uncertainty conditions. In addition, it covers recent literature with emphasis on mathematical techniques which have been used to solve problems in portfolio theory, multi-period asset pricing models and option pricing models. Financial leverage, market efficiency and information economies, term structure model, capital market equilibrium model, corporate finance issues. Readings are withdrawn almost exclusively from the theoretical literature of corporate finance.

FIN 903: Advanced Research Methodology

This course utilizes advance research techniques to explore problems in banking and finance. In addition, the course teaches students the use of advance research techniques to investigate empirical issues in banking and finance. Some of the topics to be covered among others include advanced research design, qualitative and quantitative method of research, advance measurement scaling, multidimensional scaling, complex sampling approach, meta-analysis, structural equation modeling in banking and finance, conjoint analysis. Specifically, the course aim to expose students to contemporary, but not common, research methods that are relevant for understanding and solving general business management problems. Students are to be exposed to scholarly works in journals and textbooks using relevant advanced research techniques.

FIN 902: Advanced Portfolio Theory and Management

This course provides and advanced treatment of investment portfolio theories; computer enhanced models used to provide instructions in capital asset portfolio management and techniques. Advanced treatment of diversification theories and applications in assets selected, analysis and management and risk management are extensively discussed.

FIN 904: Empirical Investigation in Finance

Market efficiency tests, term structure theory test, test of assets pricing models, test of dividend policy and financial structure issues. Topics focus on statistical and methodological problems encountered in empirical research in related areas of Economic, Finance and Accounting.

FIN 921: PhD Seminar in Finance I

Candidate will be required to make a seminar presentation. Each student will be required to produce a manuscript in the usual journal format on the topic under investigation. For these candidates, a sound literature review and development of relevant mathematical models or techniques of analysis related to their research topics will be acceptable.

FIN 922: PhD Seminar in Finance II

Candidates will be required to make at least two seminar presentations. The first seminar will emphasize a publishable article in a reputable journal. The second seminar presentation is the thesis proposal if the approved proposal is completed.

FIN 999: THESIS/DISSERTATION

An empirical based study and report on an acceptable Finance problem area approved by the supervisor and the Departmental Postgraduate Committee

6.6 LIST OF STAFF

Academic Staff

S/N	Name	Rank/Status	Qualification/Awarding University	Area of Specialization
1.	Dr. T. S. Afolabi	Senior Lecturer & Ag. Head of Department	BSc. (OOU, Ago-Iwoye), MSc. (UNILAG), PhD. (FUTA)	Quantitative Techniques, Econometrics, Derivatives
2.	Dr. T. D. Ayodele	Reader	BSc. (EKSU, Ado Ekiti); MBA (AAU, Akungba-Akoko); MSc. (UNICAL); PhD. (PWU, Colorado, USA).	International Finance, Corporate Finance, Investment Analysis.
3.	Prof. T. M. Obamuyi	Professor (Visiting)	B.Sc (EKSU); MBA (FUTA); MSc (UNILAG);; PhD (FUTA)	Research Methodology, Investment and Portfolio Analysis
4.	Dr. K. Okpala	Reader (Adjunct)	BSc. (Ambrose Alli University), MSc.(UNICAL); PhD (Babcock)	Principles of Accounting, Management Accounting.
5.	Dr. (Mrs) O. M. Akinyede	Senior Lecturer	BSc (BOWEN); MSc. (EMU, Cyprus); PhD. (Babcock)	Mortgage Finance, Financial Intermediation, Investment & Portfolio Theory
6.	Dr. (Mrs) Ighomereho	Senior Lecturer (Adjunct)	BSc. (UNIBEN); MSc. (UNIBEN); PhD.(UNILAG)	Principles of Management, Fundamentals of Marketing.
7.	Dr. Oyeleke, O. J.	Senior Lecturer (Adjunct)	BSc (OAU); MSc. (OAU); PhD. (OAU)	Micro-economic Theory, Macro-economic Theory.
8.	Dr. (Mrs.) Iriobe G. O.	L/I	BSc. (RUN); MSc (Babcock); PhD (FUTA)	Principles of Finance, Financial Economics; FINTECH

Non-Academic Staff

S/N	Name	Qualification	Status	Rank
1.	Mr. Adeife.	Higher National Diploma	Confidential Secretary	Departmental Secretary
3.	Mrs. Olaleye E. O.	Ordinary National Diploma	Chief Clerical Officer	Chief Clerical Officer.

CHAPTER TWELVE

DEPARTMENT OF BUSINESS ADMINISTRATION AND MARKETING

1.0 PHILOSOPHY

The philosophy of the postgraduate studies in the department covers, the postgraduate diploma (PGD) programme, MSc programme, and the PhD programme. The PGD programme is to provide remedial training in both Management and Business Administration. The programme is designed to offer candidates the opportunity to transit from their original fields to the field of management by providing the necessary foundation knowledge in the course curriculum in Management that will enable them cope effectively at higher degree programmes.

The MSc programme is aimed at training and developing scholars, and producing a new generation of graduates, leaders and business managers and administrators who will make unique contributions to nation building and the development of the Nigerian economy through entrepreneurship and organizational leadership both in the public and private sector.

The Doctor of Philosophy (PhD) programme in Business Administration is to provide graduate education and training to broaden and deepen the spirit of inquiry and research in the students, to enable them take on teaching and research in higher institutions, as well as management responsibilities in both the public and private sectors.

2.0 HISTORY OF THE DEPARTMENT

The Department of Business Administration and Marketing was formerly part of the Department of Economics and Business Studies until 2019, when Economics programme was separated from it, to leave it with Business Administration programme and the Marketing programme. These two programmes were established at the inception of the university in October, 2005, with their first set of graduates in 2009. The graduates from the department have excelled in their various careers with evidence from all over the world. Since 2019 the Department has witnessed great transformation under the pioneer Head of Department, Dr.(Mrs.) O. S. Ighomereho and her successor, Dr. M. O. M. Akpor-Robaro. The department is one of the first two departments to float postgraduate programmes in the University with the establishment of a Multi-disciplinary MBA programme in 2014 as a professional programme.

3.0 AREAS OF SPECIALIZATION

1. PGD (Management)
2. MSc (Management)
 - Areas of Specialization
 - a. General Management
 - b. Human Resource Management
3. PGD (Business Administration)

4. MSc (Business Administration)

Areas of Specialization

- a. Entrepreneurship
- c. Marketing

5. PhD (Business Administration)

Areas of Specialization

- a. Entrepreneurship
- b. General Business Management
- c. Marketing
- d. Human Resource Management

4.0 PROGRAMMES AND OBJECTIVES

4.1 POSTGRADUATE DIPLOMA (PGD)

Furtherance to its philosophy, the PGD Management programme is focused on the following objectives:

- a) To prepare candidates without the first-degree qualification who may not be eligible for admission into Master's degree programme in Business Administration or Management.
- b) To expose the student to general courses in Business Administration or Management with a hybrid of the undergraduate curriculum and the Master's degree curriculum as the framework for transition from their original discipline to Business Administration. To enable them make up for their inadequacy in foundation courses in Business Administration in preparation towards a higher level and more advanced training in Business Administration/Management.
- c) To develop the student capacity to understand and appreciate traditional and modern business theories and practices, and apply the knowledge to solve business problems in their areas of involvement in organization.
- d) To provide the student with a good blend of the relevant quantitative and qualitative approaches to studying and solving business problems in diverse areas of concern.
 - e) To prepare the student for advanced research at the MSc. level in core Business fields.

ADMISSION REQUIREMENTS

- (a) (i) Possession of five credits at not more than two sittings at the ordinary level, WASC, NECO or the approved equivalents, in five subjects which must include English Language, Mathematics and Economics or other relevant subjects **AND**
 - (ii) Relevant first degree not lower than Third Class from recognized Universities **OR**
 - (iii) First degree with at least Second Class Lower in areas not directly related to Management Sciences may be considered **OR**
 - (iv) Higher National Diploma at Lower Credit level in relevant disciplines in the Management Sciences, Social Sciences, Engineering etc from approved Polytechnics, Colleges of Technology, and Institutes **OR**
 - (v) Relevant professional qualifications with relevant work experience.
- (b) In addition to the above, candidates will be subjected to test and interviews to further determine their eligibility, as may be organized by the Department.

DURATION OF THE PROGRAMME

Full Time Programme

Minimum of two (2) semesters, which can be extended by another two semesters for those who could not complete it within the minimum duration.

Part Time Programme

Minimum of four (4) semesters, which can be extended by another two (2) semesters for those who could not complete it within the minimum duration.

Permission for Extension

For extension beyond the maximum period, a special permission of the Senate shall be required.

GRADUATION REQUIREMENTS

(1) Workload (Minimum)

Students must register for the following course units:

- | | |
|---|------------|
| (a) Ten compulsory courses of core courses | = 20 Units |
| (b) Three compulsory courses on Research Methods, Business Mathematics, and Business Statistics | = 6 Units |
| (c) Four electives | = 8 Units |
| (d) Research Project | = 4 Units |
| (e) This total of 38 Units shall be registered for as 20 Units in the First Semester, 18 Units in the Second Semester | |

(2) Minimum Requirements for the Award of the Postgraduate Diploma

- (i) In addition to satisfying other university requirements as may be specified from time to time by the College of Postgraduate Studies on behalf of Senate, each student must:
- (ii) Offer and pass 20 Units of compulsory/core courses.
- (iii) Offer and pass 6 Units of the compulsory courses on Research Method, Business Mathematics, and Business Statistics.
- (iv) Offer and successfully defend the 4 Units Research Project, a compulsory course.
- (v) Offer and pass 4 Units of elective courses.
- (vi) In all pass a minimum of 34 Units with a pass mark of 50% in each course.

5.0 COURSE STRUCTURE

5.1 MANAGEMENT

First Semester			
Course Code	Course Title	Units	Status
MGT 701	Principles of Management	2	C
MGT 703	Principles of Accounting	2	C
MGT 705	Introduction to Public Administration	2	C
MGT 707	Fundamentals of Marketing	2	C
MGT 709	Principles of Microeconomics	2	C
MGT 711	Research Method for Management	2	C
MGT 713	Business Statistics for Management	2	C
MGT 715	Human Resources Management	2	C
	TOTAL UNITS	16	C
MGT 799	Research Project	4	C

Second Semester			
Course Code	Course Title	Units	Status
MGT 702	Computer in Organizations	2	C
MGT 704	Principles of Finance	2	C
MGT 706	Principles of Macroeconomics	2	C
MGT 708	Global Economic Environment	2	C
MGT 710	Business Mathematics	2	C
		10	
Choose ONLY two elective courses			
MGT 712	Comparative Management	2	E
MGT 714	Organizational Behaviour	2	E
MGT 716	Corporate Governance	2	E
MGT 718	Grievance and Conflict Resolution	2	E
Total Units		14	

5.2 BUSINESS ADMINISTRATION

First Semester			
Course Code	Course Title	Units	Status
BUS 701	Principles of Management	2	C
BUS 703	Principles of Accounting	2	C
BUS 705	Introduction to Public Administration	2	C
BUS 707	Fundamentals of Marketing	2	C
BUS 709	Principles of Microeconomics	2	C
BUS 711	Human Resource Management	2	C
BUS 713	Research Methodology	2	C
BUS 715	Business Statistics	2	C
Total Units		16	
BUS 799	Research Project	4	C
Second Semester			
Course Code	Course Title	Units	Status
BUS 702	Principles of Finance	2	C
BUS 704	Principles of Macroeconomics	2	C
BUS 706	Global Economic Environment	2	C
BUS 708	Computer in Organizations	2	C
BUS 710	Business Mathematics	2	C
		10	
Choose ONLY two elective courses			
BUS 712	Strategic Management and Corporate planning	2	E
BUS 714	International Business	2	E
BUS 716	Small Business Management	2	E
BUS 718	Business Ethics	2	E
BUS 720	Entrepreneurship Theory	2	E
Total Units		14	

6.0 COURSE DESCRIPTION

6.1 MANAGEMENT

MGT 701: Principles of Management (2C Units)

The development of Management thought; theories and models of management; the manager and his environment; organization structure and relationships; leadership and motivation; organization development, the management functions and procedures; planning; organizing; directing, controlling etc.

MGT 702: Computers in Organizations (2C Units)

This course explains the why and how of computers, the use of computers in business and other organizations; Data transmission, nature, speed and error detection. It also examines systems analysis and design, the programming process; problem definition, flow charting and decision table.

MGT 703: Principles of Accounting (2C Units)

This course deals with the underlying theory of double entry book keeping. Topics include: the nature, scope and purpose of accounting, theories and mechanics of double entry, book-keeping statements, fixed accounts, funds flow statements, account of not-for-profit organizations, incomplete records.

MGT 704: Principles of Finance (2C Units)

This provides a systematic and vigorous examination of the theoretical framework of financial/investment management analysis. Main topics include: The economic theory of choice: investment decision and appraisal techniques, financial ratio, dividend decision, cash budgeting, fixed assets and equity management funds flow statement, and emphasis on financial markets.

MGT 705: Introduction to Public Administration (2C Units)

The course focuses on the emergence of public administration; problems of organization, the bureaucratic phenomenon and social change. The basis of public policy formation and implementation processes by bureaucracies; accountability and efficiency in public administration.

MGT 706: Principles of Macroeconomics (2C Units)

The course will discuss the principles of Macro-economics in such topic as the Theory of Demand for and Supply of Money, Monetary and Fiscal Policy, the roles of financial institutions, price and incomes policy.

MGT 707: Fundamentals of Marketing (2C Units)

The course introduces students to the basics of marketing with regard to meaning and definitions of marketing, basic marketing concepts, marketing evolution and practices, buyer behaviour and marketing segmentation, introduction to marketing research and introduction to international marketing. Major elements of marketing strategy in relation to product development; distribution channels; advertising, sales promotion and pricing are examined in detail.

MGT 708: Global Economic Environment (2C Units)

Topics to be treated include Nigeria and the global economy, the implications of the free market economy on business; governments, consumers, and labour strategic aspects of international trade, globalization and international institutions; multilateral negotiations; lessons from the Asian tigers.

MGT 709: Principles of Microeconomics (2C Units)

The course will discuss the principles of Micro-economics in such topics as the theory of the firm, the production function, theory of consumer behaviour and the theory of capital interest.

MGT 710: Business Mathematics for Management (2C Units)

Topics to be discussed include revision of basic algebra, set theory, permutations and combinations, annuity, cash flow, functions and functional relationships analysis of marginal utility and integral calculus, partial and total derivatives. In discussing these topics, emphasis will be on their specific relevance to business contents.

MGT 711: Research Methods for Management (2C Units)

This course is designed to introduce the students to scientific enquiry through gathering and analysis of relevant data. Other aspects of the scientific research process as applied to business will receive due attention.

MGT 712: Comparative Management (2E Units)

This course introduces students to the definition of comparative management, its relevance and growth, Management styles and practices in selected countries and their implication for organizational performance.

MGT 713: Business Statistics for Management (2C Units)

This course covers basic concepts in descriptive and inferential statistics and their use in empirical research in business. Relevant illustrative examples will be emphasized.

MGT 714: Organizational Behaviour (2E Units)

The course examines conceptual models for organizational behaviour, group dynamics and informal organization, the dynamics of conflict, the basic motivational process, the motivation to work, leadership and power. It further deals with selection, job design and appraisal, applied behavioural analysis and change and organizational development, and also the perceptual process and the learning process, and personality development and theory.

MGT 715: Human Resource Management (2C Units)

Topics to be addressed in this course include nature and scope of HRM; strategies and management practices in manpower planning; staffing; human resource planning; human resource training and development; performance measurement and management, career planning and employee welfare; compensation designs and reward management.

MGT 716: Corporate Governance (2E Units)

There are two elements involved in corporate governance, the exercise of power, and administration of resources for both human and materials. The course introduces the students to the concept of corporate governance, power, and administration of resources; the use of authority and the administration of resources within organizational settings. Theories of corporate governance will be examined and inferences developed for effective corporate governance.

MGT 718: Grievance and Conflict Resolution (2E Units)

The nature of grievance, and causes of grievance in the place of work. Grievance procedure, Management response to strike situation, conflict resolution methods.

MGT 799: Research Project (2C Units)

During the second semester, the students will undertake independent research on a topic of their choice. The project will be undertaken individually and supervised by a supervisor in the Department. The project will be submitted for grading and defended in the Department as a condition for the award of the Diploma Certificate.

2. BUSINESS ADMINISTRATION

BUS 701: Principles of Management (2C Units)

The development of Management thought; theories and models of management; the manager and his environment; organization structure and relationships; leadership and motivation; organization development, the management functions and procedures; planning; organizing; directing, controlling etc

BUS 702: Principle of Finance (2C Units)

This provides a systematic and vigorous examination of the theoretical framework of financial/investment management analysis. Main topics include: The economic theory of choice: investment decision and appraisal techniques, financial ratio, dividend decision, cash budgeting, fixed assets and equity management funds flow statement, and emphasis on financial markets.

BUS 703: Principles of Accounting (2C Units)

This course deals with the underlying theory of double entry book keeping. Topics include: the nature, scope and purpose of accounting, theories and mechanics of double entry, book-keeping statements, fixed accounts, funds flow statements, account of not-for-profit organizations, incomplete records.

BUS 704: Principles of Macroeconomics (2C Units)

The course will discuss the principles of Macro-economics in such topic as the Theory of Demand for and Supply of Money, Monetary and Fiscal Policy, the roles of financial institutions, price and income policy.

BUS 705: Introduction to Public Administration (2C Units)

The course focuses on the emergence of public administration; problems of organization, the bureaucratic phenomenon and social change. The basis of public policy formation and implementation processes by bureaucracies; accountability and efficiency in public administration.

BUS 706: Global Economic Environment (2C Units)

Topics to be treated include Nigeria and the global economy, the implications of the free market economy on business; governments, consumers, and labour strategic aspects of international trade, globalization and international institutions; multilateral negotiations; lessons from the Asian tigers.

BUS 707: Fundamentals of Marketing (2C Units)

The course introduces students to the basics of marketing with regard to meaning and definitions of marketing, basic marketing concepts, marketing evolution and practices, buyer behaviour and marketing segmentation, introduction to marketing research and introduction to international marketing. Major elements of marketing strategy in relation to product development; distribution channels; advertising, sales promotion and pricing are examined in detail.

BUS 708: Computers in Organizations (2C Units)

This course explains the why and how of computers, the use of computers in business and other organizations; Data transmission, nature, speed and error detection. It also examines systems analysis and design, the programming process; problem definition, flow charting and decision table.

BUS 709: Principles of Microeconomics (2C Units)

The course will discuss the principles of Micro-economics in such topics as the theory of the firm, the production function, theory of consumer behaviour and the theory of capital interest.

BUS 710: Business Mathematics (2C Units)

Topics to be discussed include revision of basic algebra, set theory, permutations and combinations, annuity, cash flow, functions and functional relationships analysis of marginal utility and integral calculus, partial and total derivatives. In discussing these topics, emphasis will be on their specific relevance to business contents.

BUS 711: Human Resource Management (2C Units)

Topics to be addressed in this course include nature and scope of HRM; strategies and management practices in manpower planning; staffing; human resource planning; human resource training and development; performance measurement and management, career planning and employee welfare; compensation designs and reward management.

BUS 713: Research Methodology (2C Units)

This course is designed to introduce the students to scientific enquiry through gathering and analysis of relevant data. Other aspects of the scientific research process as applied to business will receive due attention.

BUS 715: Business Statistics (2C Units)

This course covers basic concepts in descriptive and inferential statistics and their use in empirical research in business. Relevant illustrative examples will be emphasized.

BUS 712: Strategic Management and Corporate Planning (2E Units)

The course will expose students to the concept of strategic management; strategy, structure and style and functional strategies. Approaches to corporate planning will be highlighted and discussed, Strategic Management Process and the Art of Strategic Thinking and Vision.

BUS 714: International Business (2E Units)

Definition and Concept of International Business. Factors determining why organizations venture into international business. Formulating strategies for international business. Accessing business environment in international arena. The Multinational enterprises and socio-cultural aspects of international business.

BUS 716: Small Business Management (2E Units)

Definition and concept of business, nature and characteristics of small business. Entrepreneurship in small business. Forms of business ownership, establishing a small business firm. Financing and marketing and human resources management in small business. Roles of small business in the economy, small business promotion in Nigeria. Problems and prospects of small business in Nigeria.

BUS 718: Business Ethics (2E Units)

The concept and nature of business ethics, Models of business ethics, the moral and ethical values of business transactions from the point of view of societal principles. The practice of exchange and the need for integrity in business. The course will also examine the concept of fraud and dishonesty and

how to avoid them in business transaction. The course will propose how to develop ethical behaviour in individual and organizations.

BUS 720: Entrepreneurship Theory (2E Units)

Definitions of Entrepreneurship; Roles of Entrepreneurship in National Development; the attributes of entrepreneurship and motivations of entrepreneurs; Developing Corporate Entrepreneurs (Intra-preneurship and co-preneurship); understanding the entrepreneurial perspectives in an individual, Analysis of personal efficacy and self-awareness; Personal characteristics of entrepreneurs. The Entrepreneurial process; Forms of Business Organization; preparation for a new venture. Sources of information and Identification of the key processes involved, functions of various support agencies, NASSI, NEPC, NAPEP, NDE, RMRDC & Industrial Developing Centres.

BUS 799: Research Project (2C Units)

During the second semester, the students will undertake independent research on a topic of their choice. The project will be undertaken individually and supervised by a supervisor in the Department. The project will be submitted for grading and defended in the Department as a condition for the award of the Diploma Certificate.

6.2 MASTER'S DEGREE

OBJECTIVES

The Master's Degree programme focuses on two broad areas of Management and Business Administration. The objectives of the programme are:

- a) To provide the student with knowledge of the most current theoretical approaches available for organizational analysis and development of solution methods to managerial and business problems.
- b) To train the student to appreciate the dynamics of the environment of business and organization and its influence and impact on management practice and organizational success.
- c) To train and expand the intellectual capacity of the student in core areas of Management discipline and Business organization to ensure that he/she has a thorough grounding in the practical and theoretical traditions of the management discipline, and issues in business operations in particular, and the cognate disciplines to enable him/her function effectively in industry and organizational setting in general.
- d) To develop the student's capacity to understand and critique traditional and modern Management and Business theories and practices, and apply such knowledge to solving management/business problems in their chosen areas of operation.
- e) To develop the student to have a good understanding of the relevant quantitative and qualitative approaches to studying and solving management/business problems applicable to their chosen areas of specialization.
- f) To produce graduates with the appropriate competencies and skills to function effectively as academics in Business administration and related fields.
- g) To train the student at the MSc level to acquire contemporary and advanced skills/techniques for investigating and analyzing management/business phenomena preparatory to doctoral research.

ADMISSION REQUIREMENTS

- (a) (i) Possession of five credits at not more than two sittings at the ordinary level, WASC, NECO or the approved equivalents, in five subjects which must include English Language, Mathematics and Economics or other relevant subjects

AND

- (ii) First degree in relevant disciplines from an approved University, and with a minimum of Second Class Lower

OR

- (iii) Postgraduate Diploma at Upper Credit level in relevant disciplines, from a recognized University.

- (b) In addition to the above, candidates may be subjected to qualifying test and interview by the Department, to further determine their eligibility and qualification for their chosen programmes.

DURATION OF THE PROGRAMME

Full Time

Minimum of four (4) semesters, which can be extended by another two (2) semesters for those who could not complete it within the minimum duration.

Part Time

Minimum of six (6) semesters, which can be extended by another two (2) semesters for those who could not complete it within the minimum duration.

Permission for Extension

For extension beyond the maximum period, a special permission of the Senate shall be required.

GRADUATION REQUIREMENTS

(1) Work Load (Minimum)

Students must register for the following course units

- | | |
|---|------------|
| (a) Eleven compulsory/core courses | = 22 Units |
| (b) Three compulsory courses on Research Method, Quantitative Analysis, and M.Sc. Seminar, as applied to the specialties | = 6 Units |
| (c) Four Electives from the chosen area of specialization | = 8 Units |
| (d) MSc. Dissertation | = 6 Units |
| (e) This total of 42 Units shall be registered for as follows:
12 Units in the First Semester, 12 Units in the Second Semester,
12 Units in the Third Semester, and 6 Units in the Fourth Semester. | |

(2) Minimum Requirements for the Award of MSc. Management Degree

- (a) In addition to satisfying other University requirements as may be prescribed from time to time by the College of Postgraduate Studies on behalf of Senate, the student must
- (i) Offer and pass 22 Units of the compulsory/core courses.
 - (ii) Offer and pass 6 Units of the compulsory courses on Research Method, Quantitative Analysis, and M.Sc. Seminar.
 - (iii) Offer and pass 8 Units of Electives from a chosen area of specialization.
 - (iv) Offer and successfully defend the 6 Units – M.Sc. Dissertation

In all, pass a minimum of 42 Units, with a pass mark of 50% in each course.

All admitted students who successfully complete the MSc programme and obtained a weighted score of 50% and above in the taught courses and the Dissertation will be awarded the MSc certificate.

7.0 COURSE STRUCTURE

7.1 MANAGEMENT

Third Semester			
A. General Management			
Course Code	Course Title	Units	Status
MGT 813	Research Methodology	2	C
MGT 815	MSc Seminar	2	C
Choose Four Elective Courses			
MGT 817	Operations Management	2	E
MGT 819	Corporate Planning	2	E
MGT 821	International Business Management	2	E
MGT 823	Environment of Business	2	E
MGT 825	Managerial Economics	2	E
MGT 827	Management of Public Enterprises	2	E
MGT 829	Managerial Psychology	2	E
MGT 831	Change and Innovation Management	2	E
Total Units		12	

B. Human Resource Management			
Course Code	Course Title	Units	Status
MGT 813	Research Methodology	2	C
MGT 815	MSc Seminar	2	C
Choose Four Elective Courses			
MGT 833	Industrial Relations	2	E
MGT 835	Negotiations	2	E

MGT 837	Women Participation in Labour Force	2	E
MGT 839	Collective Bargaining	2	E
MGT 841	Knowledge and Performance Management	2	E
MGT 843	Leadership and Motivation	2	E
Total Units		12	
Fourth Semester			
For Both Specializations			
Course Code	Course Title	Units	Status
MGT 899	Dissertation	6	C
Total Units		6	

7.2 BUSINESS ADMINISTRATION

8.0 COURSE DESCRIPTION

8.1 MANAGEMENT

First Semester			
Course Code	Course Title	Units	Status
BUS 801	Business Models and Policy	2	C
BUS 803	Strategic Management	2	C
BUS 805	Business Information System	2	C
BUS 807	Economic Theory	2	C
BUS 809	Business Ethics	2	C
BUS 811	Quantitative Analysis for Management	2	C
Total Units		12	
Second Semester			
Course Code	Course Title	Units	Status
BUS 800	Strategic Marketing Management	2	C
BUS 802	Global Business Environment	2	C
BUS 804	International Business Management	2	C
BUS 806	Organizational change Management	2	C
BUS 808	Comparative Management	2	C
BUS 810	Economy & Industry Analysis	2	C
Total Units		12	

Third Semester			
A. Entrepreneurship			
Course Code	Course Title	Units	Status
BUS 813	Research Methodology	2	C
BUS 815	MSc Seminar	2	C
Choose Four Elective Courses			
BUS 817	Entrepreneurship Theory	2	E
BUS 819	New Venture Creation & Innovation Management	2	E
BUS 821	Small Business Management	2	E
BUS 823	Gender Entrepreneurship	2	E
BUS 825	Family Business Management	2	E
BUS 827	Corporate Entrepreneurship	2	E
BUS 829	Public Sector Entrepreneurship	2	E
BUS 831	Social Entrepreneurship	2	E
BUS 833	International/Comparative Entrepreneurship	2	E
BUS 835	Operations Management	2	E
BUS 837	Investment Analysis & Corporate Finance	2	E
Total Units		12	
B. Marketing			
Course Code	Course Title	Units	Status
BUS 813	Research Methodology	2	C
BUS 815	MSc Seminar	2	C
Choose Four Elective Courses			
BUS 841	Marketing Research	2	E
BUS 843	International Marketing	2	E
BUS 845	Sales Management	2	E
BUS 847	Digital Marketing	2	E
BUS 849	Logistics and Distribution management	2	E
BUS 851	Services Marketing	2	E
BUS 853	Marketing Models & Cases	2	E
BUS 855	Consumer Behaviour	2	E
BUS 857	Brand Management	2	E
Total Units		12	
Fourth Semester			
For Both Specializations			
Course Code	Course Title	Units	Status
BUS 899	Dissertation	6	C
Total Units		6	

MGT 800: Human Resource Planning and Development

The course will examine the scope, nature, methods and principles of organizational human resources management, Human Resource Planning theories, foundation and steps of Human resource planning, strategies and management practices in HR planning techniques; Human resource forecasting, and processes; human resource training and development; performance management and systems design; compensation designs and reward management; career planning and employee welfare; Staffing: job analysis, recruitment and selection process, criteria for effective employee placement; HR Assessment and Analytics: downsizing and restructuring, mergers and acquisitions, outsourcing; Succession Management; Strategic International HRM; Environmental Influences on HRM; Information Technology for HR Planning; Review of current principles and practices of human resources management in the Nigerian and global context.

MGT 801: Management Theory

The intent of this course is to expose the students to basic issues and theories with regards to the practice of management in contemporary organizations. It examines the introduction and integration of the evolution and the development of theories and concepts, and their application in the field of management. Students are expected to critically analyze the different perspectives within the field of Management. Development of Management models (Rational goals, internal process, human relations and open systems models): organizational effectiveness, environments, technology design and performance; images of organizations and implications for research and practice; organizational ecology; institutional theories; organizational culture and climate; organizational learning and globalization of organization theory. The intent is to build a theoretical foundation for the understanding of Management issues, and provide guidance for research activities in the programme.

MGT 802: Global Economic Environment

This situates Nigeria Economy within the broader global economy. It examines the implementation of the movement towards free market economy on stakeholders including business, government, consumers, labour and public. The course takes a multidisciplinary approach drawing from international politics, economy, finance, cross-cultural and business management. Topics to be covered include Strategic aspects of international trade, globalization/international institutions, industrialization strategies, determinants of economic growth and poverty reduction in Africa; global power and wealth distribution; lessons from Asian and Mexican financial crises; multilateral negotiations, global culture and information technology, exchange rates/ inflation/ interest rates.

MGT 803: Strategic Management

This course deals with theoretical and practical aspects of strategy formulation and implementation. Attention is placed on the art of strategic thinking leading to creativity and innovation as well as the rational strategic planning process. Among the topics covered are the following: Analyzing industry structures and dynamics; assessing positions, actions and reactions of competitors; processes of strategic planning, technology strategy and e-business, process re-engineering and corporate turnaround. Case writing and analysis are fundamental to this course.

MGT 804: Organizational Behaviour

This course is designed to aid students in understanding organizations both at the Micro and Macro levels. Specifically, this course examines rigorously, the structure, function, and people in organizations

and society. Topics include organizational dynamics micro and macro perspectives; organizations and the systems concept; organizational entry, motivation and job satisfaction, bases of individual attitudes and behaviours in organizational settings, individual and their relationships; group and inter group behaviours; organizational structures; Typology/Taxonomy of organizations; organizational change and development; technology and organizational structure; organizations and environment; organizational design.

MGT 805: Management Information Systems (MIS)

This course is designed to expose students to the practical application of computers to management information processing. The course provides the steps followed in the utilization of electronic data processing (EDP) system in producing financial and management information, in feasibility studies, system analysis, system design and system implementation for computerized accounting system. Among other things, the course will examine the following issues: elements of computing mechanical and electronic, types of computers and their applications, computer programming using either COBAL or FORTRAN, data processing manual and mechanized systems, system analysis and design, evaluation and administration of MIS with emphases on computer based systems, meaning of information technology and its application in business finance and management.

MGT 806: Strategy and Structure

The course will review the concept of strategy and structure and provide a link between the two. It will build on a base of the study of organizations and focuses on the way's organizations are structured to suit the evolving strategies and the mutual impact of strategy and structure. The strategy making pyramid will be developmental and applied to other management practices.

MGT 807: Economic Theory

The course examines diverse topics in micro and macroeconomics such as the theory of the firm, production, the theory of consumer behaviour, market organization, theory of capital and interest, the monetary and fiscal policy in the extended model. Theory of demand and supply of money.

MGT 808: Comparative Management

The discussion would focus on concept and definition of comparative management; emergence, relevance and growth of comparative management; Management style of some selected organizations in some countries and their implication for organizational effectiveness.

MGT 809: Rewards and Compensation Management

The course will examine the concept of rewards to employees in corporate organizations. The focus will be on types of rewards systems used for managers in organizations. Basis for awarding rewards and problems associated with the reward of employees. The determination of equitable rewards will also be discussed.

MGT 810: Diversity and Conflict Management

This course deals with managing and resolving workplace conflicts and examines dispute resolution and conflict management in both various and non-various settings. The course covers two related topics: (1) third party dispute resolution, including alternative dispute resolution (ADR). It focuses primarily on the use of mediation and arbitration but also deals with other dispute resolution techniques, such as fact

finding, facilitation, mini-trials, early neutral evaluation peer review, and the ombuds function; (2) conflict management systems including the recent development of conflict management systems. The course reviews the factors that have caused the growth reviews, the factors that have caused the growth of ADR and conflict management systems, and it provides instruction on the design, implementation and evaluation of such systems.

MGT 811: Quantitative Analysis for Management

It covers descriptive statistics, probability and expectations, discrete and continuous distributions, statistical decision theory, study of estimation, tests of hypotheses and confidence intervals. Time series Analysis, Index Number with applications in finance, multiple regression, including correlation analysis. Also, it includes inventory, forecasting, queuing models, analysis of variance, use of computer as a tool, with emphasis on application to Management and related disciplines.

MGT 813: Research Methods for Management

The objective of this course is to introduce the students to scientific enquiry through gathering and analysis of relevant data

MGT 815: MSc Seminar

This seminar introduces students to the most recent research in the area of Management, Marketing, Human Resource Management and Entrepreneurship, examining current issues and trends. Students have an opportunity to present and discuss their own research and actively engage in the analysis and discussion of the work of others. Each student is expected to make at least one presentation during the course, focusing on the formulation, design, execution, and results of his/her research.

MGT 817: Operations Management

Topics include aggregate planning methods with emphasis on the mathematical models; seasonal production planning and work force planning. Integration of planning and scheduling levels in hierarchical systems. Determination of capacity in services systems; services design and services mix problems. Concepts, models and theories relevant to the management of the processes involved to provide goods and/or services to consumers in both the public and private sectors; production, inventory and distribution functions, scheduling of services or manufacturing activities; facilities planning and device of technology.

MGT 819: Corporate Planning

The course deals with corporate management of an enterprise. It focuses on the formulation, implementation, monitoring and control of organizational plans and supporting organizational strategies. The course addresses the nature and dynamics of organizational planning process, the analysis of planning horizon. Other topics include the strategic planning process, stakeholder or management, techniques for strategic appraisal, SWOT, industry and competitive analysis, portfolio analysis, development of strategic options, turnover and recovery strategies, mergers, acquisitions and divestment.

MGT 821: International Business Management

The course focuses on the international dimension of business, including trade, financial and foreign investment patterns, and the problems and policies at the corporate and national levels. It covers theoretical, institutional and case analyses of major issues, including the impact of international codes

and organizations on corporate policies in home and host countries, the effect of changing governmental policies on strategies for managing international operations. Using a wide range of data sources, cases, and other empirical studies, each student will prepare an individual study of a specific company and country.

MGT 823: Environment of Business

The basis of formulating strategy is the assessment of the environment in all its dimensions. The course will examine the internal and external factors of the environment. The nature of both internal and external environment, and the role of management in adapting to the challenges of the environment. It will examine concepts and techniques used in environmental and industry analysis and in identifying trends and changes in the environment. These will include economic, social and technological forecasting, Delphi methods and scenario building.

MGT 825: Managerial Economics

The course will discuss Microeconomics decisions, Microeconomics policies and decisions, Economic indices and value, the theory of the financial market structure and the general equilibrium and welfare economics, the role of government in international linkages and trade.

MGT 827: Management of Public Enterprises

The nature of Public Enterprises, differences between Private and Public enterprises. A discussion of why government invests in business enterprises, opportunities and challenges of management in Public enterprises. Measurement of public enterprises performance. Factors responsible for performance and lack of performance.

MGT 829: Managerial Psychology

The course is designed to understand the dynamics of the workforce and behaviour of employees as individuals and as groups. It focuses on how to motivate the workforce, improve morale and engage employees effectively. Specific topics include: theories of leadership, leadership perceptions, attitudinal view of leadership, leadership and staff-managing, interpersonal aspect of leadership and executive management, ethical issues in leadership and executive management; determinants of leadership styles, effectiveness and management; Theories of motivation; job satisfaction – determinants and effects; job involvement and organizational commitment. Understanding the foundations of interpersonal behaviour; Attitude-components, functions, determinants and effects; Groups- meaning, formation, types, team building, group decision making; Stress: Individual and Organizational Stressors, Effects and Management of stress. Conflict: Interpersonal and Intra-individual Conflicts- Conflict Resolution and Management. Application of all the theories of organizational management in developing countries like Nigeria.

MGT 831: Change and Innovation Management

The focus of this course is organizational change, growth and innovation. Forces of change and innovation. Types of and approaches to change, patterns of change, specific nature of innovation, factors influencing change and innovation, the processes of change and innovation, managing change and innovation.

MGT 833: Industrial Relations

This course discusses the determination, acquisition, development, utilization and maintenance of human resources by employment organizations. It covers employment planning, recruitment and selection, training and development, performance evaluation, and compensation administration, while giving special emphasis to labour management relations. It considers whether recent developments such as concession bargaining, worker participation programme and the growth of nonunion firms represent a fundamental transformation in industrial relations practice, review recent research and new theories arguing that such a transformation is occurring, also reviews the counter arguments and evidence put forth by those who believe no such transformation is under way.

MGT 835: Negotiations

It examines the dynamics that occur before, during, and after negotiations and the theory behind various negotiation approaches. Topics to be addressed will include: claiming versus creating value (also known as distributive and integrative bargaining); preparing strategies; the nature of power; psychological aspects of negotiation; experience and expertise; multi-party group negotiations; culture and gender; communications and perception; mediation and other alternative dispute resolution systems; working with lawyers; organizational change, and salary negotiations.

MGT 837: Women Participation in Labour Force

The concept of employment for all will be examined and then identify the basis for employment and non-employment of persons. The reasons for women participation in the labour force will be examined. The reasons for gender discrimination in employment would be discussed and explained. Proposition for increased women participation would be advanced.

MGT 839: Collective Bargaining

The course will examine union-management relationship and the collective bargaining process in an organizational setting. Theories, structure and functions of collective bargaining and concepts of bargaining power and conflicts would be examined. Factors influencing collective bargaining will also be examined.

MGT 841: Knowledge and Performance Management

The first part of the course addresses contemporary issues in managing knowledge, intellectual capital and other intangible assets. Beginning with a view that these intangibles are strategic assets, the course will introduce the fundamentals of managing knowledge and intellectual capital, understanding some of the measurement issues, processes and cycles involved in their management and the specific issues in managing knowledge based workers and the organizations in which they work. The course then turns to the strategic issues of creating value from flows in intangible assets and organization structures to support knowledge and intellectual capital development. The second part focuses on performance management. It identifies the knowledge and skills needed for effective management of individual and team performance and examines the design of performance management systems that aim to transform organizational objectives into performance outcomes. It addresses the methods for identifying, measuring and developing the performance of individuals and teams and aligning their performance with the strategic objectives of the organizations. The course examines performance evaluation as a system including process and procedures used in developing reliable and valid standards, criteria, and evaluation mechanisms. The topics covered in the course range from the analysis of several components of the performance management process through an examination of approaches to performance measurement, to implementing a performance management system and considering

different activities and techniques to improve employee performance. Finally, it examines the interaction and interface between knowledge management and performance management.

MGT 843: Leadership and Motivation

The course will review the theories of leadership and link it to how leaders can motivate their subordinates. A critical analysis of motivation theories and how leaders and managers in organization can apply them in the place of work.

MGT 899: Dissertation

Students will be required to undertake a research project in any area of Business Administration. This involves the identification, and research into a topic in any problem area of Management, Marketing, Human Resource Management and Entrepreneurship. The project will be undertaken individually, where there will be application of research techniques as directed by a supervisor. Approval of the topic must be sought from the appropriate Departmental Committee before the commencement of the research work. The execution of the research must be under the close guidance of an assigned supervisor.

8.2 BUSINESS ADMINISTRATION

BUS 800: Strategic Marketing Management

The course aims to expose students to a relatively high knowledge regarding foundations of strategic marketing, strategic marketing management process, opportunity analysis and market targeting, and environment for strategic marketing management decisions among others. The use of relevant case studies should be emphasized.

BUS 801: Business Models and Policy

The course deals with corporate management of the business enterprise. The first part of the course focuses on the nature and dynamics of business policy, the strategy concept, missions and objectives. The second part addresses the formulation, implementation, monitoring and control of business strategies and supporting organizational policies. Students learn to evaluate the comprehensive business enterprise through an integrated view of the various functional disciplines. Other topics include the strategic planning process, stakeholder or management, techniques for strategic appraisal, SWOT, industry and competitive analysis, portfolio analysis, development of strategic options, turnover and recovery strategies, mergers, acquisitions and divestment. This course attempts to develop the conceptual and abstract skills required by leaders of businesses in a competitive environment in order to understand business issues and challenges from the perspective of all functional managers.

BUS 802: Global Economic Environment

This situates Nigeria Economy within the broader global economy. It examines the implementation of the movement towards free market economy on stakeholders including business, government, consumers, labour and public. The course takes a multidisciplinary approach drawing from international politics, economy, finance, cross-cultural and business management. Topics to be covered include Strategic aspects of international trade, globalization/international institutions, industrialization strategies, determinants of economic growth and poverty reduction in Africa; global power and wealth

distribution; lessons from Asian and Mexican financial crises; multilateral negotiations, global culture and information technology, exchange rates/ inflation/ interest rates.

BUS 803: Strategic Management

This course deals with theoretical and practical aspects of strategy formulation and implementation. Attention is placed on the art of strategic thinking leading to creativity and innovation as well as the rational strategic planning process. Among the topics covered are the following: Analyzing industry structures and dynamics; assessing positions, actions and reactions of competitors; processes of strategic planning, technology strategy and e-business, process re-engineering and corporate turnaround. Case writing and analysis are fundamental to this course.

BUS 804: International Business Management

The course focuses on the international dimension of business, including trade, financial and foreign investment patterns, and the problems and policies at the corporate and national levels. It covers theoretical, institutional and case analyses of major issues, including the impact of international codes and organizations on corporate policies in home and host countries, the effect of changing governmental policies on strategies for managing international operations. Using a wide range of data sources, cases, and other empirical studies, each student will prepare an individual study of a specific company and country.

BUS 805: Business Information Systems (BIS)

The course focuses on the use of information systems for business analysis and intelligence. It offers students information tools for the modern business environment. It provides the students with a firm understanding of business information and organizational structures as well as skills in using the software for designing and developing information systems. It is designed to expose students to the practical application of computers to business information processing, Computational intelligence methods, and the steps followed in the utilization of electronic data processing (EDP) system in producing financial and management information, in feasibility studies, system analysis, system design and system implementation. It also discusses neural networks, fuzzy rules, Kohonen self organizing networks, application and performance of computational analytics for marketing; Marketing Planning system.

BUS 806: Organizational Change Management

Management of change is designed to acquaint participants with the issues, techniques, and strategies for the management of change. The first part of the course concentrates on developing expertise in predicting relevant changes in the organizations task environment and making sure that change initiatives are in harmony with the environment. Techniques for environmental scanning and task forecasting will be explored and useful models analyzed. Students will also discuss and make presentations on current issues such as employee ownership, team-based management, mergers and acquisitions, and organizational renewal, etc. By the end of the course, participants will understand the techniques for creating a change, managing resistance, and applying change models to various industries and situations.

BUS 807: Economic Theory

The course examines diverse topics in micro and macroeconomics such as the theory of the firm, production, the theory of consumer behaviour, market organization, theory of capital and interest, the monetary and fiscal policy in the extended model. Theory of demand and supply of money.

BUS 808: Comparative Management

The discussion would focus on concept and definition of comparative management; emergence, relevance and growth of comparative management; Management style of some selected organizations in some countries and their implication for organizational effectiveness.

BUS 809: Business Ethics

The course will examine the moral and ethical values of business transactions from the point of view of societal principles. The practice of exchange, and the need for integrity in business. The course will examine the concept of fraud and dishonesty and how to avoid them in business transactions and propose how to develop ethical behaviour in individuals and organizations.

BUS 810: Economy and Industry Analysis

The topics to be covered include, the relationship between economy and industry performance, indices of industry performance, analysis of economic trends and changes, and the influence on organizational performance, tools and techniques in economic environment analysis, Marginal analysis in the industry, contemporary organizational response to environmental dynamism, limitations of environmental analysis, implications of trends and changes in the business environment

BUS 811: Quantitative Analysis for Management

It covers descriptive statistics, probability and expectations, discrete and continuous distributions, statistical decision theory, study of estimation, tests of hypotheses and confidence intervals. Time series Analysis, Index Number with applications in finance, multiple regression, including correlation analysis. Also, it includes inventory, forecasting, queuing models, analysis of variance, use of computer as a tool, with emphasis on application to Management and related disciplines.

BUS 813: Research Methodology

The objective of this course is to introduce the students to scientific enquiry through gathering and analysis of relevant data.

BUS 815: MSc Seminar

This seminar introduces students to the most recent research in the area of Management, Marketing, Human Resource Management and Entrepreneurship, examining current issues and trends. Students have an opportunity to present and discuss their own research and actively engage in the analysis and discussion of the work of others. Each student is expected to make at least one presentation during the course, focusing on the formulation, design, execution, and results of his/her research.

BUS 817: Entrepreneurship Theory

The nature of entrepreneurship, entrepreneurial personality, entrepreneurial typology, entrepreneurship development process and factors that influence entrepreneurship development,

forms of business organizations and the identification and evaluation of new venture opportunities, strategic management in entrepreneurship development and the social responsibilities of entrepreneur.

BUS 819: New Venture Creation and Innovation Management

This course is an introduction to the theoretical and practical aspects of the start-up and management of a new venture. Introduction, venture creation, venture growth, diversification, growth models, technology, licensing, venture strategy, venture financing and venture capital, patent and invention. Concept of innovation and creativity, specific nature of innovation, forces of innovation, sources of, and factors influencing innovation, model of innovation, processes of innovation, Innovation strategies, and managing innovation.

BUS 821: Small Business Management

This course reviews considerations in establishing and managing a small business venture in today's complex business environment. It promotes application of the entrepreneurial mindset to issues of management, operations and control. Success factors for small business management. Also reviewed are legal forms of ownership, financial planning and resources, ethical issues, and the importance of social responsibility. Other specific topics include: building the right team; drawing the business plan; developing the marketing strategy- how to conduct a market research, forecast potential sales opportunities, develop a marketing plan; financing the venture – estimating the cost from start-up expenses to operating capital, assessing options for financing, financial records & documents preparation and keeping.

BUS 823: Gender Entrepreneurship

This course will examine women's entrepreneurial achievements in Nigeria, exploring ideas of agency, resistance, innovation, empowerment, conformity and traditionalism. It will also examine how race, class, and gender, among other processes, influence the way people engage in entrepreneurial activities. Topics include characteristics of women entrepreneurs, comparison of male and female entrepreneurs, challenges facing women entrepreneurs, activities of international bodies in support of women entrepreneurs.

BUS 825: Family Business Management

Explores the unique challenges and opportunities present in managing a family business. Topics will include ownership, control, and management of family businesses and the practices necessary to ensure effective optimization of all of the family business subsystems for the long-term benefit of the family business will be explored such as the decision to join the family firm, establishing credibility as a son or daughter, the stages of family business growth, strategic planning in the family firm, dealing with non-family managers, and succession. The experiences of many families will be brought to bear on issues of family control, non-family management, next-generation talent and development, etc.

BUS 827: Corporate Entrepreneurship

The focus of this course is on the creation and management of entrepreneurial initiatives within a corporate context. The course will cover the entrepreneurial imperative for corporations, the unique nature of corporate entrepreneurship, and the levels and forms of entrepreneurship in established organizations. After identifying and defining external and internal manifestations of corporate entrepreneurship, the course will concentrate on what managers do to foster climates that facilitate

internal corporate entrepreneurship. Sound venturing strategies regarding "what kind" of new businesses corporations choose to pursue and "how" those ventures should be structured and managed for maximal performance will also be discussed.

BUS 829: Public Sector Entrepreneurship

This course will discuss objectives of public sector entrepreneurship, role of government in promoting entrepreneurship, a review of the National Development Plans from second to fifth National Development Plan, specific government incentives for entrepreneurship development, followed by a review of National Poverty Eradication Programme (NAPEP).

BUS 831: Social Entrepreneurship

The basic goal of this course is that some societal problems, if attacked entrepreneurially, create opportunities for launching businesses that simultaneously generate profits and alleviate the societal problem. This approach generates societal wealth as well as entrepreneurial wealth. The course is distinguished from public sector initiatives to address social problems. Student teams are expected to develop a plan to launch a societal wealth generating business. The preference is for them to begin the course with already conceived ideas for entrepreneurial solutions to social problems. They may also join a team to work on a project proposed by a student who already has a business idea.

BUS 833: International/Comparative Entrepreneurship

The course explores the many dimensions and challenges of global venture creation and growth. It offers a framework for understanding the entrepreneurial process in global contexts and exposes the student to the issues and problems specific to international ventures. Topics covered include: theoretical backgrounds of entrepreneurship, overview and definitions of International entrepreneurship, importance of international entrepreneurship, theories of international entrepreneurship, dimensions of international entrepreneurship, international expansion models (alternative entry strategies), stages of new venture creation in international context, identification & evaluation of new global opportunities - selecting international business opportunities, sources of capital for new ventures, developing global business plan - structure and key elements, implementing and managing a global entrepreneurial strategy, global marketing and R&D management, building and operating a global supply chain, Global Human Resource management - building and managing a global organization, Born global firms, high-impact/high-growth entrepreneurship, globalization and the environment of international entrepreneurship, the global monetary system, cultures and international entrepreneurship, similarities & differences across (a) the state of economic development-developed, emerging, and transitional economies (b) different geographic regions (c) political regimes (d) cultural and religious settings, entrepreneurial mobility/transnational entrepreneurs, regional entrepreneurship and innovation clusters, developing international entrepreneurial networks - global partnerships, common challenges uniquely faced by international entrepreneurs.

BUS 835: Operations Management

Topics include aggregate planning methods with emphasis on the mathematical models; seasonal production planning and work force planning. Integration of planning and scheduling levels in hierarchical systems. Determination of capacity in services systems; services design and services mix problems. Concepts, models and theories relevant to the management of the processes involved to provide goods and/or services to consumers in both the public and private sectors; production,

inventory and distribution functions, scheduling of services or manufacturing activities; facilities planning and device of technology.

BUS 837: Investment Analysis & Corporate Finance

This course is designed to introduce students to an advanced treatment of theories and its three decision areas of financing, investment and dividend. The course therefore examines the effects of various corporate financial policy decisions (e.g. capital structure, working capital, and capital budgeting and dividend policies) on the values of the firm. Issues to be examined include: Financial structure, capital structure, market valuation of risky assets under uncertainty, risk and uncertainty management strategies, capital budgeting, operation of capital market and money market, analysis for investment in securities, portfolio theories and the concept of diversification, efficient market theory, cost of capital, dividend policy, corporate financial problems e.g. leasing, mergers and of new securities, the institution of Zakat, the insurance debate and the non-interest banking and financial system.

BUS 841: Marketing Research

The course prepares students on the use of rich literature and research in the area of marketing research. Specifically, the course emphasizes the application of scientific methods in the study and analysis of marketing activities. It emphasizes research design, data collection methods, sampling techniques, data analysis methods, measurement scales, interpretation and presentation of marketing research results, among others.

BUS 843: International Marketing

The course aims to expose students to relevant international marketing management issues such as concept of psychic distance, international marketing policies and strategies of international marketing, e-commerce and international marketing, among others.

BUS 845: Sales Management

The course exposes the students to an in-depth understanding of the sales function as a critical aspect of marketing management from the perspectives of the management functions such as planning, organizing, directing, and controlling. It discusses the interface between the sales function and the marketing function as well as interdepartmental interactions. The critical implications of the sales environment usually in a constant state of flux both locally and internationally and the attendant selling strategies in view of competition is brought into focus. The markets, the players, the market potential using different forecasting tools including market and competitor analysis are vital to this course. The selling process is systematic and could be informal as well; the course discusses the process and the emotional intelligence challenge, the need to develop a qualitative training programme, evaluation, and compensation plan cannot be overemphasized.

BUS 847: Digital Marketing

Digital marketing is the component of marketing that utilizes internet and online based digital technologies such as computers, mobile phones, and other digital media and platforms to promote products and services. It involves the way brands and businesses use technology for marketing activities in order to achieve competitive advantage in the marketplace. Digital marketing campaigns employ techniques such as search engine optimization (SEO), search engine marketing (SEM), content

marketing, content automation, campaign marketing, data-driven marketing, e-commerce marketing, social media marketing, social media, e-mail direct marketing, online advertising.

BUS 849: Logistics and Distribution Management

The course is aimed at inculcating in the students the skills for managing channels of distribution and physical distribution. It introduces the students to the development and structure of distribution channels, retail trade, wholesale trade, channel management, channel conflict and channel power, physical distribution/logistics, physical distribution system, scheduling, total distribution cost concept.

BUS 851: Services Marketing

The course intends to bring into focus the paradigm shifts in economic development as economies move from emphasis on manufacturing after attaining industrial revolution to service revolution. Marketing strategies are usually extended in terms of service offerings and effective performance is a crucial expectation by the customer in a given service encounter requiring the development of critical service evaluation models. The course discusses the peculiarities of services (banking, accounting, insurance, stock brokerage, hotels, etc) from product marketing. Other cognate topics include characteristics of services and their marketing implication, marketing planning, the service-profit chain, the implication of services at the various levels, case study and analysis of service businesses using service evaluation techniques and models.

BUS 853: Marketing Models and Cases

This course describes theoretical and empirical models used to analyze marketing management issues in the areas of product introduction and positioning, pricing, advertising and distribution channels. The theoretical structure of the course derives from micro-economics of the firm and consumer decision making with special consideration of competitive issues analyzed with game theory and some applications of control theory. The empirical requirements of the course include conjoint analysis, choice modeling and multivariate techniques.

BUS 855: Consumer Behaviour

The course exposes students, at a relatively advanced level, to the approaches to the study of consumer behaviour, role of consumer in marketing, determinants of consumer behaviour, and consumer behaviour research, among others.

BUS 857: Brand Management

The course is aimed at exposing the students to the principles and application of branding strategy in all product offerings whether tangible or intangible. The course focuses on the implication of branding as a precursor to product development and corporate strategy. The course discusses types of branding strategies, branding process, branding integration (contrast and assimilation), branding models, and branding elements. The course also discusses the purpose of branding, impact of branding on consumer behaviour, the marketing environment and the formulation of branding strategies and elements consistent with corporate and external cultures. What is the brand promise and brand vision?, branding strategy, partnerships, the legal implications of branding, and brand naming shall be extensively discussed.

BUS 899: Dissertation

Students will be required to undertake a research project in any area of Business Administration. This involves the identification, and research into a topic in any problem area of Management, Marketing, Human Resource Management and Entrepreneurship. The project will be undertaken individually, where there will be application of research techniques as directed by a supervisor. Approval of the topic must be sought from the appropriate Departmental Committee before the commencement of the research work. The execution of the research must be under the close guidance of an assigned supervisor.

9.0 DOCTOR OF PHILOSOPHY (PhD) IN BUSINESS ADMINISTRATION

9.1 OBJECTIVES

The objectives of the programme are:

- (i) To provide training in Business Administration, for those interested in teaching and research at the University and other tertiary institutions and for those who may have to operate in industry.
- (ii) To provide advanced training in core and specialized areas of Business Administration that would equip graduates to provide quality consultancy services to both local and international clientele.
- (iii) To train and expand the intellectual exposure of the students in core areas of Business Administration as a discipline, with a view to ensuring that they have thorough grounding in the intellectual and theoretical traditions of the discipline in particular, and the cognate disciplines for knowledge application and utilization.
- (iv) To expose the students to contemporary and advanced research techniques to investigate and analyze businesses.
- (v) To develop in the student's ability to understand and critique traditional and modern business theories and practices, as well as the application of such knowledge to solving business problems in their chosen areas of specialization.
- (vi) To develop in the students a good understanding of the relevant quantitative and qualitative approaches to studying and solving business problems applicable to their chosen areas of specialization.
- (vii) To produce graduates with the appropriate competencies and skills to function effectively as academics in Business Administration and related fields.

9.2 ADMISSION REQUIREMENTS

Below are the requirements for admission into the PhD programme:

- (i) Possession of five credits at not more than two sittings at the ordinary level, WASC, NECO or the approved equivalents, in five subjects which must include English Language, Mathematics and Economics or other relevant subjects.
- (ii) First degree (BSc) in relevant disciplines from an approved university, and with a minimum of Second Class Lower.
- (iii) Master of Science (MSc) degree in any related discipline with a Weighted Average Score of 60% and above or CGPA of 4.0 on 5.0 points scale.
- (iv) Candidate must present a detailed and acceptable research proposal with

- preliminary results on a topic of interest in the chosen area;
- (v) In addition to the above, candidates may be subjected to test and interview to further determine their eligibility, as may be organized by the Department.

9.3 DURATION OF THE PROGRAMME

(a) Full Time

Minimum of Six (6) semesters, which can be extended by another two (2) semesters for those who could not complete the programme within the minimum duration.

(b) Part Time

Minimum of Eight (8) semesters, which can be extended by another two (2) semesters for those who could not complete the programme within the minimum duration.

(c) Permission for Extension

For extension beyond the maximum period, a special permission of the Senate shall be required.

9.4 GRADUATION REQUIREMENTS

1. Minimum workload

The PhD Business Administration programme requires a minimum of 36 credits as follows:

(a) Six core courses (3 credits each)	18 units
(b) Two elective courses (3 credits each)	6 units
(c) Thesis	12 units
(d) Total	36 units

2. Minimum Requirements for the Award of PhD Business Administration degree

- (i) To satisfy the requirements for the award of PhD degree in Business Administration in any of the areas of specialization, candidates must offer and pass at least eighteen (18) units of compulsory courses and six (6) units of electives.
- (ii) All those who have not registered and passed PGS 801 and PGS 802: - Leadership/Foundation Training programme for postgraduate students I and II (OC) will have to register and pass PGS 901 and 902 as a requirement for graduation.
- (iii) Candidates must have at least two research articles published in reputable peer reviewed journals or letter of acceptance for publication in such journals before the oral examination of the candidate's thesis.
- (iv) Candidates must demonstrate a satisfactorily high level of research potentials in seminar presentations.
- (v) Candidates must prepare and submit thesis of an approved topic by the Department and the Board of School of Postgraduate Studies within the stipulated period for graduation which must make an original contribution to knowledge in the field of Business Administration.
- (vi) The thesis should have been adjudged to have significantly contributed to

knowledge in the student's chosen area of specialization and must not have been submitted for any degree elsewhere.

- (vii) Candidates must satisfy other university requirements as may be specified from time to time by the College of Postgraduate Studies on behalf of Senate.

COURSE STRUCTURE

FIRST SEMESTER			
Course Code	Course Title	Units	Status
BUS 901	Management Thought and Philosophy	3	C
BUS 903	Advanced Quantitative Techniques	3	C
Total Units	6		
SECOND SEMESTER			
Course Code	Course Title	Units	Status
BUS 902	Imperatives of Globalization	3	C
BUS 904	Advanced Research Methodology	3	C
Total Units	6		

THIRD SEMESTER			
Two Elective Courses in the Student's Area of Specialization which must include a seminar course			
A. GENERAL BUSINESS MANAGEMENT			
Course Code	Course Title	Units	Status
BUS 905	Management of Change	3	E
BUS 907	Government, Business and Society	3	E
BUS 909	Seminar in Business Environment	3	E
BUS 911	Multinational Enterprises	3	E
BUS 913	Business Modeling and Competitive Strategy	3	E
Total Units	6		
B. MARKETING			
Course Code	Course Title	Units	Status
BUS 915	Evolution of Marketing Thought	3	E
BUS 917	Contemporary Issues in Marketing	3	E
BUS 919	Advanced Marketing Theory	3	E
BUS 921	Advanced Marketing Research	3	E
BUS 923	Seminar in Consumer Behaviour	3	E
Total Units	6		
C. HUMAN RESOURCE MANAGEMENT			
Course Code	Course Title	Units	Status
BUS 925	Advanced Human Resource Management	3	E
BUS 927	Advanced Theories of Industrial Relations	3	E
BUS 929	Seminars in Training, Development, Leadership and	3	E

	Performance		
BUS 931	Advanced Labour Analysis	3	E
BUS 933	Advanced Conflict Management	3	E
Total Units		6	
D. ENTREPRENEURSHIP			
Course Code	Course Title	Units	Status
BUS 935	Comparative Gender Entrepreneurship	3	E
BUS 937	Management of Innovation & Start up	3	E
BUS 939	Public Sector Entrepreneurship	3	E
BUS 941	Social Entrepreneurship	3	E
BUS 943	Seminar in Comparative Entrepreneurship	3	E
Total Units		6	

FOURTH SEMESTER			
Course Code	Course Title	Units	Status
BUS 906	PhD Seminar I	3	C
BUS 908	PhD Seminar II	3	C
Total Units		6	
FIFTH–SIXTH SEMESTER			
Course Code	Course Title	Units	Status
BUS 999	Thesis	12	C

COURSE DESCRIPTION

BUS 901: Management Thought and Philosophy

This course examines the idea and evolution of management as a field of endeavour. Students are expected to examine historically the evolution of management and the phases of management thought.

BUS 902: Imperative of Globalization

Globalization overview: Why has the Global economy grown so rapidly? How is it affecting the environment, local economics, social and cultural customs throughout the world? What are the positive and negative impacts of free trade? Economic globalization and technological changes: these processes are examined in relation to the national development or under – development. It also examines multinational companies, their histories, the reasons for these companies’ special mobility and the impact on developing world; Globalization and environment, social Equity: Is social equity relevant to trade issues? What is gained and lost through the gradual homogenization and distortion of cultures as a result of globalization?

BUS 903: Advanced Quantitative Techniques

It is designed to provide students the opportunity to explore more advanced quantitative techniques for decision making in general and research in particular. Emphasis will be on multivariate statistical methods, advanced topics in optimization techniques and stochastic models.

BUS 904: Advanced Research Methodology

The objective of this course is to deepen the understanding of the students, of the traditional scientific research in developing countries; common errors in research; type of research; and research in practice: selecting a topic, problem and hypotheses formulation, research design, instruments and data collection data analysis and interpretation, research report, etc The objective is for students to gain confidence in the applicability and relevance of non – quantitative methods in our research environment, where the tradition of believing in “objective measurement” is strong. Other areas to be discussed include the basics of qualitative research methods and research approaches. Some qualitative research approaches, such as phenomenography, activity theory and ethnography, data collection methods such as interviews, field studies and rapid rural appraisal, and observations.

BUS 905: Management of Change

Management of change is designed to acquaint participants with the issues, technique, and strategies for management of change. The first part of the course concentrates on developing expertise in predicting relevant changes in the organization’s task environment and making sure that change initiatives are in harmony with environment. Techniques for environmental scanning and task forecasting will be explored and useful model analyzed. Students will also discuss and make presentations, on current issues such as employee ownership, team – based management, mergers and acquisitions, and organizational renewal, etc.

BUS 906: PhD Seminar I

This seminar introduces students to the most recent research in the area of specialization. Students have an opportunity to present and discuss their own research and actively engage in the analysis and discussion of the work of others. Each student is expected to make presentation during the course, focusing on the formulation, design, execution, and results of his or her research.

BUS 907: Government, Business and Society

The course will examine the area of government business and business – society relations as one of the critical areas where the general manager spends a considerable amount of time. The responsibilities of the firm in these areas, the role of general manager, the skills needed and ethical and philosophical issues will be discussed

BUS 908: PhD Seminar II

Students are expected to make presentations on the research proposal for their thesis. Students are expected to present and discuss their own research and actively engage in the analysis and discussion of the work of others.

BUS 909: Seminar in Business Environment

It examines the technological, legal, social, political and economic framework which business organizations must operate in the Nigerian environment. International business environment will also be explored.

BUS 911: Multinational Enterprises

This course covers World Trade Organization (WTO) and multilateral trade agreements. The course will present an overview of the WTO and then focus on multilateral trade negotiations. Multilateral trade agreements shall be studied in four parts: trade in goods, trade in services, trade-related aspects of intellectual property rights and institutional issues. Agreements on trade in goods are further divided into three subcategories: market access, customs – related issues and trade rules. Lastly, this course will look at the future challenges facing the current multilateral trading system. Although this course deals with trade agreements, it will put more emphases on economic interpretation rather than the legal aspects. For this course, outside scholars and experts from policy, academic, and private sectors may be invited as special guest lecturers.

BUS 913: Business Modeling and Competitive Strategy

The concept of Business model and competitive strategy; Types of Business Model, functions of business model and the role of business model in competitive strategy. Approaches to business model development.

BUS 915: Evolution of Marketing Thought

The course aims to expose students to the relevant stages in the evolution of marketing thought, including contributions from cognate disciplines such as economics, philosophy of science, psychology, sociology, statistics and anthropology among others. Students are expected to develop seminar-based papers that incorporate the contributions from these cognate disciplines to the development of marketing thought.

BUS 917: Contemporary Issues in Marketing

This course examines the recent developments, current issues, trends and researches in the area of marketing. Students have the opportunity to present and discuss seminars and actively engage in the analysis and discussion of the work of others.

BUS 919: Advanced Marketing Theory

The objective of this course is to provide students with knowledge of advanced marketing theory and research. Marketing is an applied discipline that is informed by professional scholarly research in marketing and related fields. (e. g. psychology, economics). This course provides an in depth review of marketing theory and research, an advanced review of influential theories in the development of marketing thought, and an overview of contemporary theories and research in marketing. Reading materials shall largely be scholarly articles in refereed journals.

BUS 921: Advanced Marketing Research

The course prepares students on the use of rich literature and research in the area of marketing research. Specifically, the course emphasizes the application of scientific methods in the study and

analysis of marketing activities. It emphasizes research design, data collection methods, sampling techniques, data analysis methods, measurement scales and interpretation and presentation of marketing research results among others.

BUS 923: Seminar in Consumer Behaviour

The course exposes students at a relatively advanced level to the approaches of studying consumer behaviour, role of consumer in marketing, determinants of consumer behaviour, culture and consumer behaviour, models of consumer behaviour and consumer behaviour research.

BUS 925: Advanced Human Resource Management

This course examines the most recent developments, current issues, trends and researches in the area of HRM. Students have the opportunity to present and discuss seminars and actively engage in the analysis and discussion of the work of others. The presentations should be focused on the formulation, design, execution, and results.

BUS 927: Advanced Theories of Industrial Relations

This course traces the evolution of theory and research on industrial relations and gives an advanced study and analysis of topics such as the ideological problems in industrial relations literature and research, the theoretical approaches to the study of management and trade unions, theories of strikes, wage determination, union decline and the impact of new technology on industrial relations.

BUS 929: Seminars in Training, Development, Leadership and Performance

This seminar introduces students to the most recent research in the area of HRM and it examines current issues and trends in Training, Development, Leadership and Performance. Students have an opportunity to present and discuss their own research and actively engage in the analysis and discussion of work of others. Each student is expected to make at least one presentation during the course, focusing on the formulation, design, execution, and results of his/her research.

BUS 931: Advanced Labour Analysis

The concept of labour market, factors affecting demand and supply of labour, importance of labour force and participation rate, labour work analysis. Technological change and labour market, managerial relations, monetarism and supply side economics

BUS 933: Advanced Conflict Management

Students are expected to study their own culturally – based perceptions, patterns of thinking behavior, communication styles, values and how they can be adapted to an intercultural context. Other topics to be discussed include foundations and theories conflict, theories of conflict resolution, responses to conflict, negotiation, facilities process such as mediation, the various evaluating processes, adjudicative processes such as litigation and binding arbitration, and the various hybrid processes, mediation skills clinic, an in depth study of dynamics of interpersonal and intergroup conflict. Organizational and community conflict – An exploration of the dynamics of conflict in organizations and the community; International and cross – cultural conflict – an examination of the practical negotiation skills central to

the resolution of situation – specific international and intercultural conflict. Methodology of conflict Resolution Research – an introduction to a range of qualitative data collection methods with particular focus on techniques used in research on conflict and conflict resolution, including participant observation, content analysis, behavioral mapping, and non – intrusive measures, as well as a review of relevant research literature in the field.

BUS 935: Comparative Gender Entrepreneurship

Significant interest has been generated in the difference between male and female entrepreneurs both in terms of motivation, decision making and performance. The course will explore the various areas of differences between male and female entrepreneurs and the factors affecting them uniquely. The dominant areas of entrepreneurship by each group will be explored and the barriers to female gender entrepreneurial performance will be discussed.

BUS 937: Management of Innovation and Start-up

Innovation: concept of innovation and creativity, specific nature of innovation, forces of innovation, sources of, and factors influencing innovation, model of innovation, processes of innovation, Innovation strategies, and managing innovation. Start-up: Factors influencing start-up; Management of start-up

BUS 939: Public Sector Entrepreneurship

This course will discuss objectives of public sector entrepreneurship, role of government in promoting entrepreneurship, a review of the National Development Plans from second to fifth National Development Plan, specific government incentives for entrepreneurship development, followed by a review of National Poverty Eradication Programme (NAPEP).

BUS 941: Social Entrepreneurship

The basic goal of this course is that some societal problems, if attacked entrepreneurially, create opportunities for launching businesses that simultaneously generate profits and alleviate the societal problem. This approach generates societal wealth as well as entrepreneurial wealth. The course is distinguished from public sector initiatives to address social problems. Student teams are expected to develop a plan to launch a societal wealth generating business. The preference is for them to begin the course with already conceived ideas for entrepreneurial solutions to social problems. They may also join a team to work on a project proposed by a student who already has a business idea.

BUS 943: Seminar in Comparative Entrepreneurship

Significant interest has been generated by corporate performance in different part of the world. The course presents a comparative analysis and evaluation of entrepreneurial approaches in different societies and industries as well as among gender, and differences in performance.

BUS 999: Thesis

A programme of individual research bearing on a major area of concern to business and the area of specialization

STAFF LIST**ACADEMIC STAFF**

S/N	NAME	DEGREE/QUALIFICATION	RANK	AREA OF SPECIALIZATION
1.	Dr. M.O.M Akpor-Robaro	BSc, MSc (Bus. Admin) PhD (Bus. Mgt.)	Reader & Ag. Head of Department	General Management, Operations Research, Entrepreneurship
2.	Prof. (Mrs.) A.O. Ologunde	BSc (Economics), MBA, M.Phil (Bus. Admin.), PhD (Bus Admin)	Professor	General Management, Business Policy & Strategy, HRM, Organisation Theory
3.	Dr. H.O Aderemi	B.Tech, MSc (Tech. Mgt.), MBA, PhD (Tech. Mgt.)	Reader (Visiting)	Management Information System, Operations Research, Entrepreneurship, HRM
4.	Dr. K.E. Okpala	BSc, MSc, PhD (Accounting)	Reader (Adjunct)	Financial Accounting
5.	Dr. T.D. Ayodele	BSc (Banking & Finance), MBA, MSc (Finance), PhD (Finance)	Reader (Adjunct)	Corporate Finance
6.	Dr. R.S. Dauda	B.Ed, MSc, PhD (Economics)	Reader (Adjunct)	Economic Theory, Development Economics, Human Resource and Labour Economics
7.	Dr. (Mrs.) O.S. Ighomereho	BSc (Bus Admin), MSc (Operations Research), CPGD (Marketing), Ph.D. (Marketing) ANIMN	Senior Lecturer	Marketing and Operations Research
8.	Dr. B.O. Babatunde	BSc, MSc, PhD (Business Administration)	Senior Lecturer (Visiting)	Management, Operations Research, Entrepreneurship
9.	Dr. S.O. Omoyele	BSc, MSc, PhD (Bus. Admin), PGDE	Senior Lecturer	Strategic Management, Entrepreneurship, General Management. Corporate Governance
10.	Dr. T.S. Afolabi	BSc (Mathematics), MSc (Actuarial Science), PhD (Management Science)	Senior Lecturer (Adjunct)	Business Mathematics and Statistics
11.	Dr. S. A. Agada	BSc (Banking & Finance), MSc, PhD (Marketing)	Lecturer I	Services Marketing, Consumer Psychology, Branding Strategy

ADMINISTRATIVE STAFF

S/N	NAME	QUALIFICATIONS	RANK	STATUS
1	Mr. Titilope O. Adesina	HND Office Tech. & Mgt.	Confidential Secretary II	Full-Time
2.	Mr. T. Fawehinmi	WASSCE	Clerical Officer	Full-Time

MASTER OF BUSINESS ADMINISTRATION (MBA)

10.1 PHILOSOPHY OF THE PROGRAMME

The philosophy of the MBA programme is to produce highly skilled professional managers for the public and private sectors as well as international organizations. The programme is designed to imbue students with cutting-edge knowledge of contemporary relevance in all aspects of business and enterprise growth, dynamics and development with an emphasis on upholding international best practices. The MBA programme in Redeemer's University is focused on making unique contributions by producing graduates with the brand name of excellence and future CEOs, thus producing a new generation of leaders and managers whose degrees are awarded on the pedigree of LIFE: Loyalty, Integrity, Faithfulness and Excellence.

10.2 HISTORY OF THE DEPARTMENT

The MBA programme is domiciled in the Department of Business Administration and Marketing, Faculty of Management Sciences, Redeemer's University. The Department runs undergraduate programmes in Business Administration and Marketing, which commenced in October, 2005 as pioneer programmes of the University. The need to train and develop graduates with knowledge of international best practices and theories to meet the management needs of Nigeria and other countries led to the establishment of the Master of Business Administration (MBA) programme in 2014. The programme is managed by a Coordinator and Assistant Coordinator appointed by the Vice-Chancellor of the University.

10.3 AREA(S) OF SPECIALISATION

The MBA programme provides candidates with the opportunity to specialize in their area of interest. These include:

- i) Accounting
- ii) Banking and Finance
- iii) General Management
- iv) Governance and Public Sector Management
- v) Marketing
- vi) Risk Management and Insurance
- vii) Supply Chain Management
- viii) Hospitality and Tourism Management
- ix) Human Resource Management
- x) Entrepreneurship and Small Business Management

10.4 OBJECTIVES OF THE PROGRAMME

Pursuant to the philosophy of the MBA programme, the following objectives are of specific concern:

- a) To expose the students to relevant concepts, principles and theories, as well as case studies of national and global relevance, that will assist them function as innovative and insightful managers and leaders in the business of different types.
- b) Imbue the students with the knowledge required for understanding and practical analysis of problems and challenges related to the management/administration of public, private and international organizations or businesses.
- c) To produce managers who are adequately equipped with relevant ICT knowledge and skills that will enable them to cope with the challenges of running business organizations in the knowledge-based 21st century.
- d) To produce managers who are socially responsible, mindful of accepted norms, ethics and practices, and adaptable to different cultural settings.
- e) To prepare and produce managers who are capable of applying appropriate management principles and techniques to solve business problems and challenges peculiar to the Nigerian environment.
- f) To produce unique MBA graduates that can function in diverse areas of the economy.

Duration of the Programme

Full Time

Minimum of four (4) semesters, which can be extended by another two (2) semesters for those who could not complete it within the minimum duration.

Part Time

Minimum of six (6) semesters which can be extended by another four (4) semesters for those who could not complete it within the minimum duration.

Permission for Extension

For extension beyond the maximum period, the concerned student has to write to the Provost for approval.

10.5 ADMISSION REQUIREMENTS

- (a) (i) Possession of five credits at not more than two sittings at the ordinary level, WASC, NECO or the approved equivalents, in five subjects which must include English Language, Mathematics and Economics or other relevant subjects.

AND

(ii) First degree in relevant disciplines from approved Universities and with a minimum of Second Class Lower.

OR

(iii) Postgraduate diploma in relevant disciplines from recognized Universities who have passed with a minimum of Lower Credit.

OR

(iv) Higher National Diploma and /or relevant professional qualification with a Postgraduate Diploma in relevant disciplines are eligible for consideration for admission. The HND must be at least Upper Credit from approved Polytechnics, Colleges of Technology, and Institutes.

(v) All candidates must have a minimum of one year managerial / administrative experience.

(b) In addition to the above, candidates may be subjected to test and interview to further determine their eligibility.

10.6 GRADUATION REQUIREMENTS

(a) In addition to satisfying other University requirements as may be prescribed from time to time by College of Postgraduate Studies on behalf of Senate, each student must:

(i) Offer and pass 42 Units of the core Management, Business and Economics courses

(ii) Offer and pass 9 Units of the compulsory courses on research method, quantitative techniques, and graduate seminar.

(iii) Offer and pass 18 Units of Electives from the chosen area of specialization

(iv) Offer and successfully defend the 6 Units – MBA Research Project.

(v) In all, pass a minimum of 75 Units, with a pass mark of 50% in each course.

This total of **75** Units shall be registered for as follows:

24 Units in the First Semester, 24 Units in the Second Semester, 18 Units in the Third Semester, and 9 Units in the Fourth Semester.

(b) **Grading System**

(i) The grading system for all courses, excluding the MBA project which shall be defended, shall comprise continuous assessments and examinations. The continuous assessment will constitute a maximum of 30% of the total marks while the examination will constitute 70%.

(ii) The grading system for all courses will be as follows:

MARKS	LETTER GRADE	GRADE POINT	REMARKS
70-100	A	5	PASS
60-69	B	4	PASS
50-59	C	3	PASS
Below 50	F	0	FAIL

(c) Classification of the MBA degree shall be based on the Cumulative Grade Point Average (CGPA), as follows

	CGPA	CLASS OF DEGREE
I	4.50 - 5.00	DISTINTION
li	2.40 - 4.49	PASS
lii	Below 2.40	FAIL

10.7 COURSE REQUIREMENTS / STRUCTURE

COMPULSORY COURSES

1ST SEMESTER

COURSE CODE	COURSE TITLE	STATUS	UNITS
MBA 801	Corporate Finance	C	3
MBA 803	Operations Management	C	3
MBA 805	Introduction to Accounting	C	3
MBA 807	Business Law	C	3
MBA 809	Introduction to General Management	C	3
MBA 811	Managerial Economics	C	3
MBA 813	Human Resources Management	C	3
MBN 801	Quantitative Methods for Business	C	3
TOTAL			24 Units

2ND SEMESTER

COURSE CODE	COURSE TITLE	STATUS	UNITS
MBA 802	ICT Management	C	3
MBA 804	Marketing Management and Strategy	C	3
MBA 806	Organizational Behaviour	C	3
MBA 808	Environment of Business	C	3
MBA 810	Corporate Strategy	C	3
MBA 812	MBA Language Programme	C	3
MBA 814	Entrepreneurship	C	3
MBN 802	Research Methods for Business	C	3
TOTAL			24 Units

ELECTIVE COURSES

3RD SEMESTER (ACCOUNTING)

The students are required to take six elective courses

COURSE CODE	COURSE TITLE	STATUS	UNITS
MBN 804	Advanced Accounting Theory	E	3
MBN 805	Advanced Management accounting	E	3
MBN 806	Advanced Cost Accounting	E	3
MBN 807	Taxation and Public Finance	E	3
MBN 808	Financial Management	E	3
MBN 809	Advanced Auditing and Investigations	E	3
TOTAL			18 Units

3RD SEMESTER (BANKING AND FINANCE)

The students are required to take six elective courses

COURSE CODE	COURSE TITLE	STATUS	UNITS
MBF 804	Financial Analysis	E	3
MBF 805	Financial Management	E	3
MBF 806	Bank Management	E	3
MBF 807	Securities Markets and Portfolio Theory	E	3
MBF 808	Project Evaluation	E	3
MBF 809	Bank Lending and Loan Administration	E	3
TOTAL			18 Units

3RD SEMESTER (GENERAL MANAGEMENT)

The students are required to take six elective courses

COURSE CODE	COURSE TITLE	STATUS	UNITS
MBB 804	Business Policy and Strategy	E	3
MBB 805	Leadership and Motivation	E	3
MBB 806	Business Ethics	E	3
MBB 807	Corporate Governance	E	3
MBB 808	Management of Public Enterprises	E	3
MBB 809	Change and Innovation	E	3
MBB 810	Comparative Management	E	3
TOTAL			18 Units

3RD SEMESTER (GOVERNANCE AND PUBLIC SECTOR MANAGEMENT)

The students are required to take six elective courses

COURSE CODE	COURSE TITLE	STATUS	UNITS
MBG 804	Best Practices in Governance and Management	E	3
MBG 805	Comparative Governance and Public Sector Management	E	3
MBG 806	New Public Management	E	3
MBG 807	Legislature and Public Sector Management	E	3
MBG 808	Grassroots Governance	E	3
MBG 809	Public Policy Analysis	E	3
MBG 810	Public Personnel Management	E	3
MBG 811	Public Financial Management	E	3
TOTAL			18 Units

3RD SEMESTER (MARKETING)

The students are required to take six elective courses

COURSE CODE	COURSE TITLE	STATUS	UNITS
MBK 804	Marketing Research	E	3
MBK 805	Consumer Behaviour	E	3
MBK 806	International Marketing	E	3
MBK 807	Integrated Marketing Communications	E	3
MBK 808	Industrial Marketing	E	3
MBK 809	Marketing Thought	E	3
MBK 810	Product Planning and Development	E	3
TOTAL			18 Units

3RD SEMESTER (RISK MANAGEMENT AND INSURANCE)

The students are required to take six elective courses

COURSE CODE	COURSE TITLE	STATUS	UNITS
MBR 804	Theory of Risk and Insurance Markets	E	3
MBR 805	Principles of Finance and Financial Analysis	E	3
MBR 806	Introduction to Financial Mathematics	E	3
MBR 807	Organisational and Environmental Risk	E	3
MBR 808	Insurance Law and Regulations	E	3
MBR 809	Crisis Management and Governance	E	3
MBR 810	Risk Management Fundamentals	E	3
TOTAL			18 Units

3RD SEMESTER (SUPPLY CHAIN MANAGEMENT)

The students are required to take six elective courses

COURSE CODE	COURSE TITLE	STATUS	UNITS
MBS 804	Sector Industry Analysis in Supply Chain Management	E	3
MBS 805	Concepts and Principles of Freight Forwarding	E	3
MBS 806	Sea Transport Operations and Management	E	3
MBS 807	Air Transport Cargo Operations	E	3
MBS 808	Rail Transport Freight Management	E	3
MBS 809	Customs Procedures and Practices	E	3
MBS 810	Insurance Principles and Practices in Supply Chain Management	E	3
MBS 811	Safety and Security Issues in Supply Chain Management	E	3
TOTAL			18 Units

3RD SEMESTER (HOSPITALITY AND TOURISM MANAGEMENT)

The students are required to take six elective courses

COURSE CODE	COURSE TITLE	STATUS	UNITS
MBH 804	Sector Industry Analysis in Hospitality, Travel and Tourism	E	3
MBH 805	Sustainable Tourism Development and Management	E	3
MBH 806	Hospitality and Tourism Marketing	E	3
MBH 807	Critical Issues and Special Topics in Hospitality, Tourism and Travel	E	3
MBH 808	Food Laboratory Techniques and Practices in Hospitality	E	3
MBH 809	Event Management	E	3
MBH 810	Leadership, Ethics and Decision Making in Hospitality and Tourism Management	E	3
MBH 811	Hospitality Industry Law	E	3
TOTAL			18 Units

3RD SEMESTER (HUMAN RESOURCE MANAGEMENT)

The students are required to take six elective courses

COURSE CODE	COURSE TITLE	STATUS	UNITS
MBU 804	Compensation: Theory and Administration	E	3
MBU 805	Personal Staff Evaluation	E	3
MBU 806	Industrial Relations	E	3
MBU 807	Organisational Change and Development	E	3
MBU 808	Negotiation and Collective Bargaining	E	3
MBU 809	Organisational Design	E	3
TOTAL			18 Units

3RD SEMESTER (ENTREPRENEURSHIP AND SMALL BUSINESS MANAGEMENT)

The students are required to take six elective courses

COURSE CODE	COURSE TITLE	STATUS	UNITS
MBE 804	Entrepreneurship Development	E	3
MBE 805	Small Business Management	E	3
MBE 806	Purchasing and Supply Chain Management	E	3
MBE 807	Venture Management	E	3
MBE 808	Succession Planning	E	3
MBE 809	Feasibility Studies and Marketing Survey	E	3
TOTAL			18 Units

4TH SEMESTER

COURSE CODE	COURSE TITLE	STATUS	UNITS
MBN 803	Seminar	C	3
MBA 899	Research Project	C	6
TOTAL			9 Units

10.8 COURSE DESCRIPTION

COMPULSORY COURSES

MBA 801: CORPORATE FINANCE (3C Units)

The nature of the firm and corporate objectives. Implications of the firm's goal for choice among alternative investment projects (Capital budgeting problems). Analysis and illustration with problems of alternative investment criteria. Alternative approaches to cost of money capital. Analysis of the effects of financial structure and dividend policy on the value of the firm and the cost of capital. Discussion of corporate financial problems e.g. leasing, mergers and issuance of new shares, the impact of risk, tax and inflation, the term structure of interest rates, the cost of capital and target rates of return, capital markets and its efficiency, the role of intermediaries, sources of finance, the borrowing decision and company valuation and optimal portfolio allocation, Capital structure, optimal capital structure firms, mergers and acquisitions and the market for corporate control, market efficiency, the principle of capital structure, gearing and the basics of hedging and international finance.

MBA 802: ICT MANAGEMENT (3C Units)

Uses of computers in problem solving; its application to the solution of problems at the introductory level in capital budgeting and linear programming.

MBA 803: OPERATIONS MANAGEMENT (3C Units)

Issues in Operations Strategy, Process analysis and the use of Data and Managerial Opinion in making effective propositions to address the questions in the cases. Major economic decision, problems of production and operations management. Aggregate production and work-force scheduling, multi-plant allocation of product, large scale project control (CPM and PERT); production and inventory control, demand forecasting, quality control, and short run job shop scheduling, the interaction of production problems with those of other functional areas, queuing theory, dynamic programming, multiple regression and correlation.

MBA 804: MARKETING MANAGEMENT AND STRATEGY (3C Units)

Perspective and problems of marketing management in a multi-product firm, the concept and application of strategic planning to business units and functional area of marketing, utilization of current

marketing strategy models as aids in strategy formulation, decision processes for product planning, pricing, promotion, distribution and competitive strategy.

MBA 805: INTRODUCTION TO ACCOUNTING (3C Units)

Accounting principles and concepts. Preparation of financial statements (financial position, income statements and cash-flow statement), analysis and interpretations of financial statements, Cash Book, Bank Reconciliation, preparation of Book of Accounting, Incomplete Records etc.

MBA 806: ORGANIZATIONAL BEHAVIOUR (3C Units)

Exposure to essential theories and concepts for anglicizing managerial problems, individual and group analysis of cases and experimental exercises, Exchange of idea ad experiences in the classroom, intensive field-based project work in groups.

MBA 807: BUSINESS LAW (3C Units)

Familiarize candidates with the legal aspect of Business Law of Contracts, Agency, Hire purchase, carriage of goods, and related laws are examined. The Company Act and Company Miscellaneous matters decree are examined in depth.

MBA 808: ENVIRONMENT OF BUSINESS (3C Units)

The basic objective of the course is to examine the legal, social, political and economic framework which business organization must operate in the Nigerian environment. Because of the pervasive influence of globalization and reduction of distance between nations, their value systems, language etc, International Business Environments will be explored. Topics covered include: The concept, scope and nature of the Business Environment and Environmental scanning, legislations related to business. Ethical theories of business decision, social and cultural issues in business, theoretical and practical issues of the Nigerian political economy which dictates the basis of fiscal and monetary policies, macroeconomics management and business practices.

MBA 809: INTRODUCTION TO GENERAL MANAGEMENT (3C Units)

Evolution of Management thought; Functions and responsibility of general management; Understanding global management; Managing through processes; Managerial values; managerial decision making; Planning; Organizing, directing and coordination, Problems affecting the character and success of the enterprise; the design and implementation of corporate strategy.

MBA 810: CORPORATE STRATEGY (3C Units)

Conceptual frameworks and models for the analysis of the competitive situation and strategic dilemmas; insight into strategic management; analyses of the external competitive environment, industry structure, value chain dynamics, review of theories and practice, etc.

MBA 811: MANAGERIAL ECONOMICS (3C Units)

Application of principles from various fields in economics and business to management decision making, price mechanism, allocation of resources, profit drivers of the firm, revenue and cost drivers, interaction among the market players firms' strategy, understating market forces, the meaning of competition, pricing and profits, market power good or evil, playing games I Competition versus Cooperation, playing game II Entry and Exit, Firm versus Markets, Make or Buy, auction and market design, economics of information.

MBA 812: MBA LANGUAGE PROGRAMME (3C Units)

This course is to advance the students' English language proficiency so as to attain the superior rating of a graduate student standard. The course is essential for students coming from countries where English is not their official language.

MBA 813: HUMAN RESOURCE MANAGEMENT (3C Units)

Topics to be covered should include the scope, nature, methods and principles of organizational human resources management. The course could provide an overview of strategies and management practices in manpower planning techniques; staffing; human resource training and development; performance management and systems design; compensation designs and reward management; career planning and employee welfare; Line and staff functions as well as the relationship between personnel department and other departments. Review of current principles and practices of human resources management in the Nigerian and global context.

MBA 814: ENTREPRENEURSHIP (3C Units)

The main objective of this course is to expose the students to advanced theoretical perspective of entrepreneurship. This will enable them to develop the necessary understanding and appreciation of the environment and thereby identify opportunities and generate which can hold to profitable business ventures. The course will discuss the nature and scope of entrepreneurship and business venturing. The identification of business opportunities/the roles of entrepreneurship in economic development, strategic management in entrepreneurship, forms of business organisations, small business management and organic business functions. The Nigerian business environment and its impact on entrepreneurship development.

ADDITIONAL COMPULSORY COURSES**MBN 801: QUANTITATIVE METHODS FOR BUSINESS (3C Units)**

Descriptive statistics, probability and expectations, discrete and continuous distributions, statistical decision theory, the study of estimation, tests of hypotheses and confidence intervals. Time series Analysis, Index Number with applications in finance, multiple regression, including correlation analysis. Also, it includes inventory, forecasting, queuing models, analysis of variance, and use of the computer as a tool, emphasized with application to accounting aims at giving the students quantitative skills necessary for accounting and financial decision making. The focus of the course will be more of application rather than theory.

MBN 802: RESEARCH METHODS FOR BUSINESS (3C Units)

The objective of this course is to introduce the students to scientific enquiry through gathering and analysis of relevant data.

MBN 803: SEMINAR (3C Units)

The seminar introduces students to the most recent research in the area of specialization. Students have an opportunity to present and discuss their own research and actively engage in the analysis and discussion of the work of others. Each student is expected to make at least one presentation during the course, focusing on the formulation, design execution, and results of his/her research.

MBA 899: RESEARCH PROJECT (6C Units)

A research based study and report on an acceptable management problem in the area of specialization approved by the supervisor and the Head of Department.

ELECTIVE COURSES FOR ACCOUNTING OPTION**MBN 804: ADVANCED ACCOUNTING THEORY (3E Units)**

Analyze the accounting discipline and its purpose; needs of users of accounting information; accounting theory and concepts of income measurement; disclosure requirements for profit and loss statement and balance sheet; amalgamations and reconstruction, consolidated accounts; branch and departmental

accounts, current cost accounting, inflation account; fixed asset valuation; human asset valuation; social responsibility accounting.

MBN 805: ADVANCED MANAGEMENT ACCOUNTING (3E Units)

Management accounting at an advanced level. Management accounting process and decision-making roles and functions of management. Management accounting as an information system. Cost volume profit analysis, break-even analysis and application to management functions and decisions, budgeting and budgetary controls. Profit planning and pricing decisions. Linear programming and Learning curve theory. Divisionalisation and Performance evaluation. Case studies in these topics.

MBN 806: ADVANCED COST ACCOUNTING (3E Units)

The framework of modern cost accounting; cost analysis and cost concepts; overheads; product costing and cost concept absorption and marginal costing, attributable cost, relevant cost, buy or make decisions, management audit, transfer pricing critical evaluation of variance analyses profit and cash planning, performance evaluation; motivation and human aspects of accounting.

MBN 807: TAXATION AND PUBLIC FINANCE (3E Units)

Tax theory, Income tax for individuals, partnership and corporation tax, tax planning and control, sales and company tax, value added tax. The Nigerian tax law. Tax planning. An examination of government operations and its role in economic activity and distribution. Theory of public goods and its optimal distribution.

MBN 808: FINANCIAL MANAGEMENT (3E Units)

Introduction to the nature and scope of financial management. The goals of the firm. Mathematics of finance time value of money. Compounding methods. Discounting techniques, including sinking funds. Sources of finance: short-term, medium-term and long-term finance: relative advantages and disadvantages of the term structure and types of sources of finance. Financial intermediation. Cost of capital, the concept, measurement of cost of each type of capital. The overall weighted cost of capital. The concept of leverage: financial leverage, operating leverage and combined leverage. Capital structure: the effect of financial structure on returns. The traditional position and Modigliani Miller hypothesis. The evidence from empirical studies. Working capital management: inventory management, management of debtors. Cash management and budgeting. Financial analysis: techniques for measuring and forecasting earning; cross-section and time series of accounting index. The use of index in financial analysis. The investment model of asset valuation. Financial ratios. Cash flow statement and trend analysis. Capital budgeting under certainty: the importance of capital budgeting. Capital budgeting criteria; NPV and IRR. Evaluation of projects independent projects. Mutually exclusive project and replacement projects. The effect of capital rationing. Timing of investments. Capital budgeting under uncertainty statistical measure of risk. Risk and return relationship; methods of dealing with risk in project appraisal. Types of risk, policy and business valuation. Portfolio theory and capital asset pricing model, estimating and predicting beta; the measurement of portfolio performance. Financial re-organization; merger, acquisitions capital reconstruction, valuation of shares. The Nigerian capital market, methods of arising capital on the stock exchange international financial management: management of foreign exchange risk etc.

MBN 809: ADVANCED AUDITING AND INVESTIGATIONS (3E Units)

The historical background, objectives and scope of audit. Types of audit and importance of auditing. Statutory and regulatory framework of auditing auditors qualification, appointment, duties, rights, powers and privileges, responsibilities, remuneration, removal resignation of an independent auditor under CAMD 1990, BOFID 1991, Insurance Decree of 1997 as amended to date. Fundamental concepts of auditing independence, objectivity and integrity, confidentiality, due audit care, skill and competence etc., planning and control of an audit. Commencement of audit; letter of engagement. Internal control

system: - types of internal control. Internal audit functions and organization. Evaluation of internal control system procedure- use of statistical sampling development of audit program. Audit working papers. Audit procedures: vouching, verification of assets, liabilities, flowcharting, letter of weakness. Letter of representation. Audit evidence gathering and evaluation; analytical reviews; debtor's circularization. Preparation of audit report, types of reports. Post-audit client review. More advanced auditing techniques; the use of statistical sampling. Auditing computer-based systems. Professional ethics. Auditors' responsibilities as regards prospectus share issues and transfers. The audit of groups of companies' accounts. Special audit: audit of sole trading business; partnership, cooperative bodies, solicitor's accounts, audit of banks, insurance and other financial institutions. The use of specialist services. The role of auditing standards. Investigation and special reporting types and report appropriate to each case; investigation for investment, takeovers or acquisitions. Auditors legal liabilities, the liability of auditors to the company, the shareholders and third parties both under the status (CAMA 1990) and common law. Examination of decided cases in auditors' liability

ELECTIVE COURSES FOR BANKING & FINANCE OPTION

MBF 804: FINANCIAL ANALYSIS (3E Units)

Nature, scope and purpose of financial analysis; monetary flows and accounting flows; measures of risk, profitability and liquidity; needs and sources of funds capital structure; gearing and its measures; assessment of effects of gearing on capital structure; debt/equity policy; analysis of leases; elements of investment and security analysis; case studies in financial analysis.

MBF 805: FINANCIAL MANAGEMENT (3E Units)

The nature, scope and purpose of financial management; business financial environment; sources and problems of short, medium, and long-term finance; sources and problems of new financing; capital structure; capital budgeting; management of working capital and current asset; analysis and interpretation of basic financial statements; business implications of dividend policy, valuation of shares, assets and enterprises.

MBF 806: BANK MANAGEMENT (3E Units)

The nature of banking. The environment of bank management in Nigeria. Balance sheet management. Management of bank credit. Management of Bank Liquidity. Risks and frauds in Banking. Also covered are the analysis of various issues and problems common to many financial intermediations, such as corporate planning and control in financial institutions. It also covers topics in bank credit organizations, the lending environment and financial statement analysis. Principles of lending and credit administration. Bank credit organization. Lending environment and financial statements analysis. Others are sectoral forms of lending such as commercial lending, consumer lending and credit administration. The course involves course work and case studies. Case studies are expected to be employed in illustrating typical real issues.

MBF 807: SECURITIES MARKETS AND PORTFOLIO THEORY (3E Units)

Study of portfolio selection and management (or efficient markets); theory of dynamic behaviour and empirical evidence and the issue; empirical evidence potential profitability of various investment forecasting rates, and individual portfolio; stock exchange; growth structure performance; portfolio theory of equilibrium structure of asset risks and the nature and measurement of risks, and current state of empirical evidence of models for evaluating portfolio performance.

MBF 808: PROJECT EVALUATION (3E Units)

The focus of the course will be on public sector cost-benefit, and cost effectiveness analysis and decision making. It will also highlight some private sector applications. Topics will include government economic activity and the need for a theory of public expenditure. The concepts and problems of efficient resources allocation are to be treated. Public goods externalities and indivisibilities; social cost and

market imperfection; the criterion problem; measurement of benefits and intangibles; cost-effectiveness; time factors and the treatment of risk and uncertainty; project implementation; case studies in cost-benefit and cost-effectiveness analysis.

MBF 809: BANK LENDING AND LOAN ADMINISTRATION (3E Units)

It covers topics in bank credit organizations, the lending environment and financial statement analysis. Principles of lending and credit administration. Bank credit organization. Lending environment and financial statements analysis. Others are sectoral forms of lending such as commercial lending, consumer lending and credit administration. The course involves course work and case studies.

ELECTIVE COURSES FOR GENERAL MANAGEMENT OPTION

MBB 804: BUSINESS POLICY AND STRATEGY (3E Units)

Definition and concept of Business Policy. Concepts of Strategy in relation to business enterprises. The concept of vision, mission objectives and policy Environmental and SWOT analysis, the organic business functions marching organization to strategy, and the strategy making pyramid; corporate strategies, business strategies, functional strategies and operating strategies, strategies for Business growth.

MBB 805: LEADERSHIP AND MOTIVATION (3E Units)

The course will review the theories of leadership and link it to how leaders can motivate their subordinates. A critical analysis of motivation theories and how leadership in organization can apply them in the place of work.

MBB 806: BUSINESS ETHICS (3E Units)

The course will examine the moral and ethical values of business transactions from the point of view of societal principles. The practice of exchange, and the need for integrity in business. The course will examine the concept of fraud and dishonesty and how to avoid them in business transaction and propose how to develop ethical behavior in individual and organizations.

MBB 807: CORPORATE GOVERNANCE (3E Units)

There are two elements involved in Corporate governance, the exercise of power, and administration of resources for both human and materials. The course will examine the use of authority and the administration of resources within organizational settings. Models of corporate governance will be analyzed and inferences developed for effective corporate governance, corporate failure and corporate governance etc.

MBB 808: MANAGEMENT OF PUBLIC ENTERPRISES (3E Units)

The nature of Public Enterprises, differences between Private and Public enterprises. A discussion of why government invests in business enterprises, opportunities and challenges of management in public enterprises and challenges of management in Public enterprises. Measurement of public enterprises performance. Factors responsible for performance and lack of performance.

MBB 809: CHANGE AND INNOVATION (3E Units)

The focus of this course is organizational change, growth and innovation. Forces of change and innovation. Types of and approaches to change, patterns of change specific nature of innovation. Factors influencing change and innovation. The processes of change and innovation managing change and innovation.

MBB 810: COMPARATIVE MANAGEMENT (3E Units)

Concept and definition of comparative management. Emergence, relevance and growth of comparative management, comparative management styles, of some selected countries. Factors responsible for

differences in managerial performance, concept of style in management performance and its implications for organisational effectiveness.

ELECTIVE COURSES FOR GOVERNANCE & PUBLIC SECTOR MANAGEMENT

MBG 804: BEST PRACTICES IN GOVERNANCE AND MANAGEMENT (3E Units)

The concept of best practice has been used in a wide range of fields, such as medicine, science, business management and local government. A best practice can be defined as a technique, process or activity that is more effective and more efficient at delivering a particular outcome than any other when applied to a particular condition or circumstance over time. This course is designed to provide authoritative insight into emerging developments in the field of governance and public sector management and how these best practices are shaping governance and public sector management. The course will address, among others, issues such as the meaning of best practices; basic characteristics of best practices; importance of studying best practices in governance and public sector management; and notable examples of best practices in governance and public sector management, including inspiring leadership, sustainability, public-private partnership, common good and social capital, accountability and transparency, participatory model and freedom of information.

MBG 805: COMPARATIVE GOVERNANCE AND PUBLIC SECTOR MANAGEMENT (3E Units)

The course is designed to undertake a comparative assessment of governance and public sector management. The primary aim is to expose students to the main concepts and theories of public management in a comparative and historical context, with emphasis on the development of modern public administration in Europe, America and the developing world, namely Asia and Africa, particularly Nigeria. The course will address topics such as models of administration, bureaucracy and public management, public-private partnership, institutions of accountability, public sector reform, public sector performance, community engagement, e-governance and the developmental state thesis, especially with respect to Africa, given the growing debate about the role of public institutions.

MBG 806: NEW PUBLIC MANAGEMENT (3E Units)

The public sector over the years has been known for its ineffectiveness and inefficiency in addressing pertinent public issues. The New Public Management evolved as a response to the challenges confronting the public sector by advocating the adoption of salient principles from the private sector in meeting public demands. The course will examine the nature and scope of contemporary public sector management, with particular emphasis on the principles espoused by Osborne and Gaebler. It evaluates institutional arrangements such as privatization, managerialism, public-private partnership, out-sourcing and contracting out. The course will also examine attempts made so far at reforming the public sector in Nigeria, the challenges faced and lessons learned.

MBG 807: LEGISLATURE AND PUBLIC SECTOR MANAGEMENT (3E Units)

Institutions provide the foundations upon which governance and public sector management are built. Strong institutions can regulate the behaviour of actors and vice versa. Public institutions are usually established and regulated by certain laws, including public sector employment and conditions of service. This is why the legislature comes across as one of the most important institutions of governance and public sector management. This course is designed to expose students to the important roles of the legislature in governance and public sector management, particularly its oversight functions over the policy implementation organ of the public sector.

MBG 808: GRASSROOTS GOVERNANCE (3E Units)

The course is designed to examine the political institutions at the grassroots within the context of accountability, transparency, rule of law, responsiveness and participatory decision-making processes. Similarly, it will evaluate the delivery of public services such as water supply, sanitation, solid waste

disposal, health and education at the grassroots, with emphasis on alternative modes of delivery such as community management. Other issues such as finance, control and problems of local government in Nigeria will also be considered.

MBG 809: PUBLIC POLICY ANALYSIS (3E Units)

Public policy analysis has always been an important subject in the governance of the public sector. This course will examine the theoretical framework of public policy analysis, definitions and models of public policy, significance and importance of public policy analysis, determinants of policy formulation and policy implementation, policy implementation strategies, role of interest group in policy process, ethics in the policy process, good governance and policy options, policy of social justice and collective bargaining, conceptual approaches to policy making, policy makers: official and unofficial; need for policy evaluation and case studies on selected policy issues: National Education Policy, National Industrial Policy, and Code of Conduct Bureau and Tribunal.

MBG 810: PUBLIC PERSONNEL MANAGEMENT (3E Units)

This course examines the nature and scope of personnel management in public sector. The course will undertake a systematic and theoretical study of the concept of public personnel management, objectives of public personnel management and personnel function and process. It will also examine the significance of personnel management, recruitment and selection, training, performance appraisal, promotion, staff discipline, condition of Service, motivation, remuneration, career development, development of new personnel system, industrial relations, corruption and bureaucracy and civil service.

MBG 811: PUBLIC FINANCIAL MANAGEMENT (3E Units)

Government as an institution of the State is saddled with the responsibility of ensuring the welfare of its citizens. In order to fulfil this mandate, the government must have at its disposal resources sufficient to meet the demands from its citizens. This course examines the financial base of government with a view to identifying the sources of revenue open to government (tax, royalties, overseas aid and loan). It also evaluates the budgetary process to know the pattern of government expenditure and the impact it has on economy. Similarly, the course examines the approaches to budgeting, such as zero-base budgeting, performance budgeting, etc.

ELECTIVE COURSES FOR MARKETING OPTION

MBK 804: MARKETING RESEARCH (3E Units)

The course prepares students on the use of rich literature and research in the area of marketing research. Specifically, the course emphasizes the application of scientific methods in the study and analysis of marketing activities. It emphasizes research design, data collection methods, sampling techniques, data analysis methods, measurement scales, and interpretation and presentation of marketing research results, among others.

MBK 805: CONSUMER BEHAVIOUR (3E Units)

Basic factors influencing consumer behavior, with emphasis on managerial use of consumer decision making models; buyers behavior modeling from both economics and behavioural sciences; consumer information processing, stochastic brand device models, risk taking and market segmentation.

MBK 806: INTERNATIONAL MARKETING (3E Units)

Students explore international strategies, special goals, decision making process across several countries and selection of entry strategies for foreign markets. Comparative marketing arrangements are examined. Covers factors which need to be recognized by international marketing managers in

analyzing markets covering foreign operations, and in assessing economic, cultural and political aspects of international markets.

MBK 807: INTEGRATED MARKETING COMMUNICATION (3E Units)

The course exposes students to theories and principles of communication with emphasis in application to product and service offerings. It involves the development and modeling of promotional tools with strategic intent to match competition and to attain product positioning for consumers. The creative development of promotional tools such as advertising and sales promotion etc would expose the students to the application of technology cum consumer psychology that would create distinctive marketing communication tools that would create the expected long term loyalty by consumers to both the product and corporate image. The gamut of promotional tools, strategies, materials, and methods in contemporary times need also to be evaluated.

MBK 808: INDUSTRIAL MARKETING (3E Units)

Marketing problems unique to the industrial marketing; Management of the sales force and optimal allocation across product lines, customers and sales territories; industrial consumer, pricing advertising in an industrial setting.

MBK 809: MARKETING THOUGHT (3E Units)

This course interfaces classic marketing literature with contemporary marketing issues and thought as expressed by economist, marketers, educators, consumers and consumer advocates. The course examines and evaluates the historical views of marketing its domain and roles in the development process against contemporary views as well as practical marketing problems of developing countries. Factors militating against the development of efficient and effective marketing systems in developing countries and possible solutions.

MBK 810: PRODUCT PLANNING AND DEVELOPMENT (3E Units)

Issues involved in the development and introduction of new products and the management of existing products; positioning, screening; concept testing and development of new products simulations; pre-test market models; product rollout; diffusion of innovations; product life cycle and branding strategies.

ELECTIVE COURSES FOR RISK MANAGEMENT & INSURANCE

MBR 804: THEORY OF RISK AND INSURANCE MARKETS (3E Units)

This course provides a sound understanding of the basic principles of risk and insurance, and the characteristics of the main types of insurance, both life and general. It also offers an introduction to the structure and operation of international insurance markets and the function of insurance firms within the financial system. Key topics to be covered include the general principles of insurance underwriting and claims management. The course complements other introductory courses and provides a good foundation for the more specialised elective subjects. This course includes case studies.

MBR 805: PRINCIPLES OF FINANCE AND FINANCIAL ANALYSIS (3E Units)

This course is to enable students to understand and apply the fundamentals of finance and financial analysis, developing and enhancing their ability to analyse and value securities and corporations. Provides a thorough understanding of fundamental areas of financial and risk management, along with the necessary theoretical knowledge and statistical tools to interpret financial information. All these are brought together in a unified framework to analyse the strategies, techniques and tools for analysing and interpreting financial information. The course is highly participative, with practical case studies in cash flow and ratio analysis, and the examination and interpretation of financial statements. This course includes case studies.

MBR 806: INTRODUCTION TO FINANCIAL MATHEMATICS (3E Units)

This course provides a thorough treatment of the mathematical theory and practical applications of compound interest in financial transactions. Topics covered include Measurement of interest; Annuities, Amortization schedules and sinking funds; Bonds and other securities. This course includes case studies.

MBR 807: ORGANISATIONAL AND ENVIRONMENTAL RISK (3E Units)

This module investigates theories of environmental and organisational risk management and the approaches that an organisation may employ to achieve these successfully. The role of environmental and organisational risk management in the context of legislation will also be explored. This course includes case studies.

MBR 808: INSURANCE LAW AND REGULATIONS (3E Units)

This course provides a framework for the principles of contract and business law and their application to insurance, together with an understanding of the special legal principles that apply in insurance. Places emphasis on Nigerian common law but, where appropriate, draws comparison with US/European Continental and other legal systems. The course also provides knowledge of how different regulatory systems affect the operation of insurers in the major insurance markets of the world, focusing on the regulation of insurance in the Nigeria and other major insurance markets such as the US, UK and Japan. This course includes case studies.

MBR 809: CRISIS MANAGEMENT AND GOVERNANCE (3E Units)

This module studies the development of effective, transparent continuity and crisis planning. The challenges facing organizations in ensuring robust governance, continuity and crisis management plans, highlighting the differences between this and generic risk management will be explored. Training and exercise preparedness will also be reviewed, enabling students to design appropriate scenarios for their organisations. This course includes case studies.

MBR 810: RISK MANAGEMENT FUNDAMENTALS (3E Units)

This course covers the identification of categories of risk faced by financial institutions such as credit, market, liquidity, operational, reputational risks. Topics studied include, The structure of risk management frameworks and responsibilities within a financial institution; Basel principles and standards for managing the key risk types faced by banks and other financial institutions; Overview of market risk - value at risk and related concepts and analyses, capital requirements; Overview of credit risk - capital market models and recovery models, rating systems and metrics, capital requirements; Operational risk, definition and management, capital requirements. This course includes case studies.

ELECTIVE COURSES FOR SUPPLY CHAIN MANAGEMENT OPTION**MBS 804: SECTOR INDUSTRY ANALYSIS IN SUPPLY CHAIN MANAGEMENT (3E Units)**

This course is designed to enable students develop analytical skills to create an awareness in the management of issues facing Supply Chain Management as a distinct field of study. It will enable students to analyze and evaluate supply chain management industries with regard to current industry practices as well as the role and influence of key stakeholders in terms of structure, ownership, supply and distribution relationships. This course will examine the diverse and changing nature of supply chain management to the external and competitive world. The course will give focused attention to approaches to the internal operations management of organizations in supply chain management industry.

MBS 805: CONCEPT AND PRINCIPLES OF FREIGHT FORWARDING (3E Units)

International freight forwarder and freight forwarding business in Nigeria, International Trade and International Organizations in forwarding and trade, Stakeholders within the port industry. Contributions of Statutory Agencies, Roles of the Nigerian Customs Service, The Nigerian Ports Authority

and its roles after Ports reforms. The Nigerian Shippers Council and Nigerian Maritime Administration and Safety Agency. Importation Documentation Requirement. General knowledge of transport-related Geography and time zones. Special transport services.

MBS 806: SEA TRANSPORT OPERATIONS AND PRACTICE (3E Units)

Regulations for the transportation of goods by sea, Inter-Governmental/Non-Governmental organizations. Shipping services, and types of vessels. Bill of Lading, and Accompanying shipping documents. Pricing of ocean freight. Geography of ocean transport. Port facilities. Incoterms. Marine Insurance and its classes/principles. Containerization Concept. Overview of the Maritime industry and its benefits to the Nation's economy. General knowledge of Container transport by sea. Concept of containerization, types and specifications for the most used container. Loading procedure, way-bills and accompanying documents. Pricing of inland and ocean freight. Geography of Container traffic.

MBS 807: AIR TRANSPORT CARGO OPERATIONS (3E Units)

General conditions of Carriage. Types and specifications of the most used Aircrafts and Air pallets. International organizations in the Air Transport industry. Way-bills and accompanying documents, Calculation of Airfreight, Geography in Air transport, among other topics will be covered.

MBS 808: RAIL TRANSPORT FREIGHT MANAGEMENT (3E Units)

General overview of the rail transport industry, Legal requirements of National and International rail transport. Ways and means of transportations. Way bills and accompanying documents. Tariffs (Conventional or Combined transport), Geography and operational aspects in rail transport.

MBS 809: CUSTOMS PROCEDURES AND PRACTICES (3E Units)

General information on the National Customs administration, National Customs tariffs. National Customs Procedure in Nigeria. Liability of the Freight Forwarder, and liability of the Freight Forwarder towards the customer. International Conventions. Other possible duties of the Customs Administration. New trend in Customs procedures and practices in the Nigerian environment. Nigerian Customs Service in relation to others at regional and global levels.

MBS 810: INSURANCE PRINCIPLES AND PRACTICES IN SUPPLY CHAIN MANAGEMENT (3E Units)

Liability insurance policy. Liability of different Parties. General insurance policy. Types of coverage. Duties of the freight forwarder in case of damage and general Average. Related issues and topics will also be given attention.

MBS 811: SAFETY AND SECURITY ISSUES IN FREIGHT FORWARDING (3E Units)

Definition of safety and security. Security in the transport chain. Security programs in the transport chain. Automated Manifest Systems. Container Security Initiative. C-TPAT – customs trade partnership against terrorism. FAST (Free and secure trade), ISPS code, TAPA-EMEA (Transported Asset Perfections Association) EMEA – Europe, Middle East and Africa), CDI – MPC (Chemical Distribution Institute – Marine Packed Cargo, ISOPAS 28000, AEO (Authorized Economic Operator), CSP – (Customs Security Programme), SQAS (Safety and Quality Assessment System).

ELECTIVE COURSES FOR HOSPITALITY & TOURISM MANAGEMENT OPTION

MBH 804: SECTOR INDUSTRY ANALYSIS IN HOSPITALITY, TRAVEL AND TOURISM (3E Units)

This course is designed to enable students develop analytical skills to create an awareness of management issues facing the hospitality, tourism and travel fields. The course will enable students to analyse and evaluate the Hospitality, Travel and Tourism sectors with regard to current industry practices; to identify the role and influence of key stakeholders within the Hospitality, Travel and Tourism industry; to analyse the industry in terms of structure, ownership, supply and distribution relationships; to examine and evaluate approaches to the internal operations management of

organizations, from the perspective of Hospitality, Travel Tourism areas within the sector-specific boundaries; to analyse the strategic approach of Hospitality, Travel and Tourism Organizations to the diverse and changing external and competitive environment; and to scan the external environment in which the Hospitality, Travel and Tourism Organizations exist.

MBH 805: SUSTAINABLE TOURISM DEVELOPMENT AND MANAGEMENT (3E Units)

Tourism and sustainability. Tools of sustainability in tourism, visitor management technique and environmental impact assessment, host and destination and local participation in decision making. Understanding poverty and its effects on tourism sustainability, product development in tourism and innovation. Growth of mass tourism and resulting problems. Historical development of sustainable tourism. Tourism impacts in social, cultural, economic and physical environment.

MBH 806: HOSPITALITY AND TOURISM MARKETING (3E Units)

This course introduces the students to marketing in real hospitality and tourism situations, market research, consumer behavior, market segmentation, market analysis, market plan etc. as well as the 5 Ps (product, price, place, promotion and people) of marketing. The concepts and strategies of marketing and consumer development will also be discussed with marketing plans as the final output.

MBH 807: CRITICAL ISSUES AND SPECIAL TOPICS IN HOSPITALITY, TOURISM AND TRAVEL (3E Units)

Facility and Hospitality Management. Travel agents and tourism development. Tour Operators, and Guides, and Tourism management. Accommodation and catering arrangements for clients. Meetings and special events planning. Business fundamentals: tourism/hospitality marketing. Human relations and ethical issues. Tourism information Services. World tourism destinations accessing and booking. Professional Travel Counseling. Hotel Front Office Procedures. Booking on-line for hotel and flight. Special needs traveler. Restaurant and food service management. Responsible alcohol service. Tourism, hospitality and travel management global issues of contemporary relevance.

MBH 808: FOOD LABORATORY TECHNIQUES AND PRACTICES IN HOSPITALITY (3E Units)

Proper storage temperature. Handling of perishable foods. Protection of foods from moisture, dust, dirt, pests and other contamination including cross-contamination with other foods. Cleaning and sanitizing of recommended utensils e.g. stainless steel, glass, plastic utensils. Focus on food borne illness caused by food contamination with physical, biological chemical substances; techniques for handling such. Special focus on food borne illnesses. Food service hygiene and sanitation.

MBH 809: EVENT MANAGEMENT (3E Units)

This course provides the students with an introductory approach to planning and executing meetings, special events and conferences. It examines practical advice in every aspect of organizing and managing special events, such as how to choose the best venue, preparing and managing budget, scheduling, coordinating food and beverages, selecting décor, themes and entertainment, media and staffing. It focuses on the management and operations of the convention and meeting market in the Hospitality and Tourism industry. Covers market sales, promotional activities, and negotiations for meeting services. It incorporates facilities, technology and media. Explores the principles and practices of managing medium and large-scale events, including festivals, conventions, concert, shows, sporting events and ceremonies.

MBH 810: LEADERSHIP, ETHICS AND DECISION MAKING IN HOSPITALITY AND TOURISM MANAGEMENT (3E Units)

It introduces the students to the fundamentals of leadership and basic leadership skills for organizational success, the basic concepts and fundamental principles of decent human conduct. It includes the study of universal values such as the essential equality of all men and women, human and natural rights, obedience to the law of land, concern for health and safety. It focuses on the information

tools and techniques to provide strategic human resource and fiscal leadership for destination management organizations (DMOs). It also aims at developing work teams, creation of information and financial management systems. Discusses leadership styles for diverse stakeholders groups such as volunteers, paid staff, elected officials, and community leaders, among others.

MBH 811: HOSPITALITY INDUSTRY LAW (3E Units)

It is a basic course in hotel, motel and restaurant law emphasizing risk management and security. Students are introduced to the fundamental laws, rules and regulations applicable to the hospitality industry. Case study approach is used to develop awareness and understanding of the legal problems confronting the manager and the executive in policy and decision-making. It focuses on labour law, including minimum wage, overtime, exempt employees, sexual harassment, and discrimination under civil rights Act Title VII, ADA, Immigration Act and Family and Medical Leave Act. Rights and duties of housekeepers and restaurateurs, civil rights, contracts, negotiable instruments and types of organizations.

ELECTIVE COURSES FOR HUMAN RESOURCE MANAGEMENT OPTION

MBU804: COMPENSATION: THEORY AND ADMINISTRATION (3E Units)

This course examines the determination of wage levels, wage structures and individual wage; analysis of the impact of wages on work attitude and performance in organisations.

MBU 805: PERSONNEL STAFF EVALUATION (3E Units)

Elements of manpower planning and internal labour market, validation procedures for determining the potential job effectiveness and individuals; description and validity of selection instruments such as tests, interviews and biological data; measuring performance, turnover and absenteeism and the process of performance appraisal.

MBU 806: INDUSTRIAL RELATIONS (3E Units)

Theories of industrial relations and the industrial relations systems; Trade unionism and employers associations; Labour management relations at the organisational and industry level. The role of government in industrial relations; strikes and trade dispute settlement and collective bargaining in the public and private sectors of the Nigerian economy; the Nigerian Labour Law.

MBU 807: ORGANISATIONAL CHANGE AND DEVELOPMENT (3E Units)

This course outlines the basic step or stages involved in the process of organisational diagnosis and change. Emphasis is placed upon the development of strategies necessary for gaining entry to an organisation; collecting data, and feeding back data to the client organisation. Several specific strategies and technologies for changing organisations are presented and the relative strength and awareness of the strategies are examined.

MBU 808: NEGOTIATION AND COLLECTIVE BARGAINING (3E Units)

It examines the dynamics that occur before, during, and after negotiations and the theory behind various negotiation approaches. Topics to be addressed will include: claiming versus creating value (also known as distributive and integrative bargaining); preparing strategies; the nature of power; psychological aspects of negotiation; experience and expertise; multi-party group negotiations; culture and gender; communications and perception; mediation and other alternative dispute resolution systems; working with lawyers; organizational change, and salary negotiations. It will also examine the union-management relationship and the collective bargaining process in an organizational setting. Theories, structures and functions of collective bargaining and concepts of bargaining power and conflicts as well as factors influencing collective bargaining, will also be examined.

MBU 809: ORGANISATIONAL DESIGN (3E Units)

This course takes an in-depth study of organisations and structures. The following are the primary objectives:

- (a) To develop an understanding of theories or approaches to the design of organisations.
- (b) To develop a sensitivity to and awareness of the realities of organisations.
- (c) To understand how organisational planning and design decisions are interdependent and critical to the successful implementation of strategic and short-term aims of the organisation.

ELECTIVE COURSES FOR ENTREPRENEURSHIP AND SMALL BUSINESS MANAGEMENT**MBE 804: ENTREPRENEURSHIP DEVELOPMENT (3E Units)**

The objective of this course is to impart the knowledge and skills required to start new business. Analysis of Personal efficacy and self-awareness. Personal characteristics of concept and objectives. The objective is to impart the knowledge and skills required to start new businesses. Analysis of Personal Efficacy and Self-Awareness. Personal Characteristics of Entrepreneurs. Identifications of Ideas and Venture capital opportunities.

MBE 805: SMALL BUSINESS MANAGEMENT (3E Units)

The objective of the course is to encourage effective and successful management of small business or training for future managers who will have contact in one way or the other with small firms either as bankers, consultants, investors and government officials. Course outline. Small firm characteristics and trend. Start-up situation and development of business plans. Venture and expansion capital, cost and benefits sources of finance; problems and prospects of small business generally and of small scale industries in particular. Case studies of entrepreneurs and small businessmen. (Owners Manager). Students' actual proposals made to panel of venture capital firms, banks and other financial institutions.

MBE 806: PURCHASING AND SUPPLY CHAIN MANAGEMENT (3E Units)

The course is designed to enable students to develop analytical skills to understand issues involved in supply chain management. Analysis and evaluation of supply chain management industries. Current industry practice as well as the role and influence of key stakeholders in terms of strength. Ownership supply and distribution of relationships. The diverse and changing nature of supply chain management. Approaches to internal operations and management of supply chain management industry.

MBE 807: VENTURE MANAGEMENT (3E Units)

Introduction, Venture creation, Venture growth, Diversifications, Growth models, Technology, Licensing, Venture Strategy, Venture Financing and Venture Capital, Patent and Inventions.

MBE 808: SUCCESSION PLANNING (3E Units)

Introduction, the meaning of succession, succession planning, factors determining effective entrepreneurial succession, the procedure for an effective succession plan, and preparation of the successor.

MBE 809: FEASIBILITY STUDIES AND MARKETING SURVEY

Market Assessment and marketing strategies. The generation of business idea, evaluation of ideas, preliminary survey, data collection and analysis, and report writing. The business and its products and services. Analysis of competitors, marketing and sales organisation and management. The financial forecasts and financial ratio.

9.0 STAFF LISTING

9.1 ACADEMIC STAFF

Name	Area of Specialization	Discipline	Qualification	Rank
Dr. M. O. M. Akpor-Robaro	Management and Entrepreneurship	Business Administration	BSc, MSc, PhD	Reader & Ag. Head of Department
Prof. (Mrs.) B.O. Adeleke	Wildlife Management, Ecotourism	Tourism Studies	BEd, MCA, MSc, PhD	Professor
Prof. E.O. Akinnowo	Clinical/Developmental Psychology	Psychology	BSc, MSc, PhD	Professor
Dr. M. Odim	Modeling and Network Management, Machine Learning, Neural Computing, Network Management, Data Mining, Data Base System	Computer Science	BSc, PGD, MSc, PhD	Reader
Dr. R.S. Dauda	Health Economics, Development Economics, Human Resource Economics, Applied Econometrics, Labour Economics, Economic Theory	Economics	BEd, MSc, PhD	Reader
Dr. K.E. Okpala	Management Accounting, Taxation, Public Sector Financial Management Auditing and Investigation.	Accounting	BSc, MBA, MSc, PhD, FCA, FNIM, ACPFA, ACTN, MISM	Reader
Dr. T.D. Ayodele	Corporate Finance	Finance	BSc, MBA, MSc, PhD	Reader
Dr. I. O. Onigbinde (Visiting)	Marketing, Strategic Management and Entrepreneurship	Marketing	BSc, PGD, MSc, PhD	Reader
Dr. (Mrs.) O. S. Ighomereho	Marketing and Operations Research	Marketing	BSc, MSc, CPGD, PhD	Senior Lecturer & Coordinator, MBA
Dr. S.A. Babarinde (Visiting)	Human Resource Management	Business Administration	BSc, MSc, PhD	Senior Lecturer
Dr. O.S. Omoyele	Human Resource Management	Business Administration	BSc, MSc, PhD	Senior Lecturer
Dr. A.P. Ajayi	Supply Chain Management	Transport Management	BSc, MSc, PhD	Senior Lecturer
Dr. O.A. Oluwakoya	Supply Chain Management	Transport Management	BSc, MSc, PhD	Senior Lecturer
Dr. T.S. Afolabi	Risk Management and Quantitative Finance	Finance	BSc, MSc, PhD	Senior Lecturer
Dr. R. Oladipupo	Phonetic/Phonology, Sociophonetics, Sociolinguistics	English Language	BA(Ed), MPA, MA, PhD	Senior Lecturer
Dr. (Mrs) O. Akinyede	International Finance.	Finance	BSc, MSc, PhD	Senior Lecturer
Dr. D.O. Adeyanju	Finance and Loan Administration, Accounting	Accounting and Finance	BSc, MBA, MSc, PhD	Lecturer I
Bar. Dr. A.A. Adepoju	Jurisprudence, Business Law	Law	LLB, BL, LLM	Lecturer I
Dr. S.A. Agada	Services Marketing, Customer Experience	Marketing	BSc, MSc, PhD	Lecturer I
Dr. (Mrs) T. M. Worimegbe	Accounting	Accounting	BSc, MSc, PhD	Lecturer I
Dr. (Mrs) M. Iyabode Ojedele	Accounting	Accounting	BSc, MSc, PhD	Lecturer I

Non-Academic Staff List**Administrative Staff**

S/N	NAME	QUALIFICATIONS	RANK	STATUS
1	Mr. T.F. Adesina	National Diploma (ND) Higher National Diploma (HND) -	Confidential Secretary II	Full-Time

CHAPTER THIRTEEN

DEPARTMENT OF TRANSPORT MANAGEMENT

1.0 PHILOSOPHY OF THE PROGRAMME

The philosophy underlying the Transport Management program is to produce a crop of graduates with the necessary knowledge and skills to enable them to contribute to the development of Nigeria, Africa, and the world, particularly in the various fields of transportation, logistics and Supply Chain Management. First, to fill the human resource capacity gaps and contribute immensely to technical and institutional transport system management and infrastructural development. Workers in transportation-related industries (road, rail, freight, maritime, aviation, logistics, and supply chain management) can use the program to enhance their professional abilities and competencies. Such skill development will not only help them cover crucial gaps in their search for graduate education, but it will also help them advance in their careers.

2.0 HISTORY OF THE DEPARTMENT

The Department of Transport Management emerged as an independent department from the split of Department of Transport and Tourism Studies which offered two programmes: Transport Management and Tourism Studies as one of the six departments that made up the College of Management Sciences at Redeemer's University in 2005. Since its establishment, the Department has been a trailblazer. The Department of Transport and Logistics Management is the first to be offered in any private University in Nigeria. In 2008 the Department got approval from the National University Commission (NUC) to admit students for its BSc Transport and Logistics Management programme and started it in the 2009/2010 session. The Department got the NUC accreditation for the running of its postgraduate programme in December 2020. The programmes accredited are Postgraduate Diploma in Transport Management (PGDE), Master Degree in Transport Management (MSc) and Doctoral Degree (PhD) in Transport Management. The Doctoral Degree comes with specialisation in three (3) areas: PhD in Transport Management, PhD in Transport and Logistics Management and PhD in Supply Chain Management. The Department also runs internationally certified professional programmes in which students are expected to be involved. The Department is in partnership with the Council for Regulation of Freight Forwarding in Nigeria (CRFFN) and the International Federation of Freight Forwarders Associations (FIATA)/ Council For Regulation of Freight Forwarding In Nigeria (CRFFN). We are accredited to run The International Diploma programme in Freight Forwarding and The International Higher Diploma in Freight Forwarding and Supply Chain Management moderated by the two agencies. The Department has also been certified to run Professional programmes for the Chartered Institute of Transport and Logistics (CILT). These certification programmes promote professionalisation, as well as prompt entrepreneurial abilities and skills in students.

3.0 AREA(S) OF SPECIALISATION

The programmes accredited are:

- (a) Postgraduate Diploma in Transport Management (PGDTM)
- (b) Master Degree in Transport Management (MSc)

- (c) The MSc is designed to have general knowledge in Transport Management but with bias in electives for students wishing to major in Transport, Logistics and Supply Chain Management
- (d) Doctoral Degree (PhD) in Transport Management.
- (e) The Doctoral Degree comes with specialisation in three (3) areas:
- (f) PhD in Transport Management,
- (g) PhD in Transport and Logistics Management and
- (h) PhD in Supply Chain Management.

4.0 ADMISSION REQUIREMENTS

4.1 POSTGRADUATE DIPLOMA IN TRANSPORT MANAGEMENT (PGDTM)

- i. Possession of Five (5) credits at not more than two sittings at the Ordinary Level, WASC, NECO or approved equivalents, in five subjects which must include English Language, Mathematics, Geography or other relevant subjects **AND**
- ii. Relevant First Degree not lower than Third Class from recognised Universities **OR**
- iii. First Degree with at least Second Class Lower in any other discipline in Social Sciences/Management Sciences may be considered **OR**
- iv. Higher National Diploma at Lower Class in relevant disciplines in the Management Sciences and Social Sciences from approved Polytechnic, Colleges of Technology and Institutes **OR**
- v. Relevant Professional Qualifications with relevant work experience

4.2 MASTERS IN TRANSPORT MANAGEMENT (MTM)

- i) Five (5) O'level credits in English Language, Mathematics, Geography or Economics and any other two subjects (2) in Social Science in not more than two sittings; and any of the following:
- ii) A good honour degree (at least second class) in Transport and Logistics Management, Supply Chain Management from a recognised university.
- iii) A postgraduate diploma in Transport Management, Purchasing and Supply, Supply Chain Management at upper credit and other related courses
- iv) A good honor degree (at least second class) in Transport Management, Supply Chain Management, Geography, and other related discipline from a recognised university may be considered.

4.3 DOCTOR OF PHILOSOPHY (PHD) IN TRANSPORT MANAGEMENT

The requirements for admission into the PhD program in Transport Management are:

- i) Candidates must have satisfied the matriculation requirements of the University i.e. five (5) O' Level credit passes or its equivalent at not more than two sittings in English Language, Mathematics and any other science or social science subjects.
- ii) Prospective candidates must possess relevant Master's degree with at least an average B grade (60%) or CGPA of 3.0 /5.0 points which include coursework and MSc research dissertation from a recognised university.
- iii) The regulations of Postgraduate College shall govern the award of the PhD degree in Transport Management.

Candidates on MPhil/PhD degree programme, which will have their status converted to PhD program, must satisfy the following conditions;

- i) The candidate must register for and pass coursework with at least 60% aggregate score;
- ii) Candidate must present a detailed and acceptable research proposal with the preliminary results on a topic of interest in an area of specialisation;
- iii) The candidate will have to undergo a conversion examination to be conducted by an examination panel;
- iv) The examination panel shall be made up of the Head of Department as the Chief Examiner, Department/Faculty Postgraduate Coordinators, Representative of the College of Postgraduate Studies, Supervisor and Internal-External Examiner.
- v) The candidate shall be required to score a minimum of 60% to proceed to a PhD
- vi) A candidate who falls short of making the minimum requirement of scoring 60% will proceed to complete his/her dissertation and be awarded the M.Phil degree provided the candidate achieves a minimum of 50%.
- vii) A candidate who fails to proceed within the immediate session shall be required to re-apply.

5.0 GRADUATION REQUIREMENTS

5.1 POSTGRADUATE DIPLOMA IN TRANSPORT MANAGEMENT

(a) Minimum Requirements for the Award of the Postgraduate Diploma

In addition to satisfying other university requirements as may be specified from time to time by the College of Postgraduate Studies on behalf of the Senate, each student must

- i. Register and pass 20 units of compulsory courses
- ii. Register and pass 4 Units of elective courses
- iii. Carryout a Research Project of 4 Unit

Satisfactory participation in all parts of the curriculum and satisfactory completion of all required papers are conditions that must be satisfied to qualify for the award of the degree.

(b) Research Project

The Postgraduate Diploma Project report would be subjected to moderation by an external examiner. In addition, a Panel of Examiners shall be constituted to assess a PGD Research Project according to the university characteristics and the candidate's must satisfy the Examination Panel.

5.2 MASTERS IN TRANSPORT MANAGEMENT

The MSc (Transport and Logistics Management) degree shall be awarded to students who successfully completed and passed a minimum of 33 credit units of workload broken into:

Compulsory Courses (2 credits each)	16 units
Elective Courses (2 credits each)	8 units
Research Seminar	3 units
Research Project	6 units
Total	33units

Satisfactory participation in all parts of the curriculum and satisfactory completion of all required papers are conditions that must be satisfied to qualify for the award of the degree.

The Masters Dissertation (Research Project Report) would be subjected to moderation by an external examiner. In addition, a Panel of Examiners shall be constituted to assess a PGD Research Project according to the university characteristics and the candidate's must satisfy the Examination Panel.

5.3 MPhil/ PhD IN TRANSPORT MANAGEMENT

Candidates on MPhil/PhD degree programme, which will have their status converted to PhD program, must satisfy the following conditions:

- (i) The candidate must register for and pass coursework with at least 60% aggregate score;
- (ii) Candidate must present a detailed and acceptable research proposal with the preliminary results on a topic of interest in an area of specialisation;
- (iii) The candidate will have to undergo a conversion examination to be conducted by an examination panel;
- (iv) The examination panel shall be made up of the Head of Department as the Chief Examiner, Department/Faculty Postgraduate Coordinators, Representative of the College of Postgraduate Studies, Supervisor and Internal-External Examiner;
- (v) The candidate shall be required to score a minimum of 60% to proceed to a PhD;
- (vi) A candidate who falls short of making the minimum requirement of scoring 60% will proceed to complete his/her dissertation and be awarded the MPhil degree provided the candidate achieves a minimum of 50%.
- (vi) A candidate who fails to proceed within the immediate session shall be required to re-apply.

5.4 PhD IN TRANSPORT MANAGEMENT

The PhD degree in Transport Management with options in (i) Transport Management (ii) Logistics Management and (iii) Supply Chain Management will be awarded to a candidate who is deemed to have satisfied the following conditions.

- (i) A minimum pass of 6 credit units of prescribed courses, including regular attendance at lectures.
- (ii) Satisfactory presentation of PhD seminars (3 units).
- (iii) In addition to satisfying other University regulations, the student must have successfully presented two seminars on the thesis before the final thesis defence.
- (iv) A thesis describing the student's original work while studying for the degree, written in the format specified by the College of Postgraduate Studies, should be submitted at the end of the programme (12 Units).
- (v) The thesis title should be submitted through the College Board of Postgraduate Studies for approval at least three months before the oral examination.
- (vi) The thesis should have been adjudged to have significantly contributed to knowledge in the students' chosen area of specialisation and must not have been submitted for any higher degree elsewhere.
- (vii) At least two (2) research articles published in a peer-reviewed journal (from a recognised local academic institution or an internationally peer-reviewed journal) or submitted manuscript undergoing review for publication in any of the two mentioned above shall be required before the oral examination of the candidate's thesis.

6.0 COURSE REQUIREMENT AND DESCRIPTIONS

6.1 POSTGRADUATE DIPLOMA IN TRANSPORT MANAGEMENT

COURSE REQUIREMENT

FIRST SEMESTER

Course Code	Course Title	Unit	Status
PGDTM 705	Logistics and Supply Chain Management	2	C
PGDTM 707	Logistics System Control	2	C
PGDTM 709	Transport Operations and Management	2	C
PGDTM 701	Theoretical Principles of Transport Management	2	C
PGDTM 711	Research Method for Transport Management	2	C
PGDTM713	Business Statistics for Transport and Logistics Management	2	C
PGDTM 719	Business Ethics	2	E
PGDTM715	Introduction to Marketing Research	2	E

SECOND SEMESTER

Course Code	Course Title	Unit	Status
PGDTM 704	Fundamental of Transport and Logistics Management	2	C
PGDTM 706	Logistics and Transport Operations	2	C
PGDTM 708	International Logistics	2	C
PGDTM 710	Organizational Behaviour	2	C
PGDTM722	Strategic Management	2	C
PGDTM799	Research Project	4	C
PGDTM 712	Introduction to International Marketing	2	E
PGDTM 714	Basic Concept and Issues in Sustainable Tourism Management	2	E
PGDTM 716	Entrepreneurship in Tourism	2	E
PGDTM 718	Human Resource Planning	2	E
PGDTM 720	Human Resource Management	2	E

COURSE DESCRIPTIONS**PGDTM 704 Fundamentals of Transport and Logistics Management (2C)**

This course is designed to enable students to develop analytical skills to create an awareness in the management of issues facing transport and logistics as a field of study. It will allow students to analyse and evaluate Transport and Logistics industries with regard to current industry practices; role and influence of key stake holders in terms of structure, ownership, supply and distribution relationships. The course will also examine the diverse and changing nature of Transport and Logistics management to the external competitive world. The system will give attention to approaches to the internal operations management of organisations in Transport and Logistics industry.

PGDTM 705 Logistics and Supply Chain Management (2C)

Logistics and forwarding. Logistics concept/project. Physical distribution systems. Sub system in logistics. Information handling and control issues, transport and logistics management value-added services. Commodity related systems. Rights and duties of the warehouse operator and customer. Type of warehouses, warehouse documents and information technology for warehouses. Construction, layout and safety. Warehouse charges and general charges.

PGDTM 706 Logistics and Transport Operations (2C)

Policy and strategy planning in the field of transport management. Concept techniques and principles that moderate transport management. Concept, techniques and principles that moderate transport management. Understanding the relationship between Government agencies and the private sectors in the provision of finance, operation and maintenance of transport network using contemporary modeling techniques and data collection processes. Managing effects of current and future trends in

transport. The regulatory and institutional framework of operating public transport. Financing public transport system. I am managing transportation problems.

PGDTM 707 Logistics Systems Control (2C)

Logistics strategies and planning, logistics organisation, management, and control. Designing the supply base and selecting suppliers and integrated logistics support. Cost modelling in the supply chain. Supply chain relationships. Analysing supply chain performance. Supplier/vendor rating, development, and continuous improvement. Selection and use of supply chain software.

PGDTM 708 International Logistics (2C)

Overview of international logistics management, concept and issues. Integrated global economy and global competitiveness is forming significant issues of concern in international logistics. International logistics; - inland origin to the final destination. Issues of system decision and those associated with international transport, location and distribution.

PGDTM 709 Transport Operations and Management (2C)

The student is expected to cover include extant and current topical issues in advanced land transport. Principally the focus will be on road, rail, pipeline, intermodal and multimodal transport system. Examination of global best practices in project financing, maintenance and management in different parts of the world. The student is expected to present a term paper on contemporary development on any of the mode by or before the end of the course.

PGDTM 701 Theoretical Principles of Transport Management (2C)

Overview of the management movement, including development of management theory; survey of the organisational structure and basic managerial functions within organisations; the integration of the functions of management and application of decision making and leadership to general managerial situations. Includes the relationship of the internal and external environment to the organisation.

PGDTM 720 Human Resource Management(2E)

This course examines the role of the human resource professional as a strategic partner in managing today's organisations. Key functions such as recruitment, selection, development, appraisal, retention, compensation, and labor relations are examined. Implications of legal and global environments are appraised and current issues such as diversity training, sexual harassment policies, and rising benefit costs are analysed. Best practices of employers of choice are considered.

PGDTM 711 Research Method for Transport and Logistics Management (2C)

This course exposes the student to different conceptual, theoretical, philosophical and methodological paradigms available for analysing transportation problems. Methodological biases like quantitative or positivist approach, qualitative or interpretivist approach, mixed method or research triangulation. Achievement of precise measurement scaling and sampling technique. Statistical techniques like Bivariate and Multivariate analysis, Time series analysis, ANOVA, Principal Component Analysis (PCA), Factor Analysis, Cluster Analysis and Linear programming. The student will be tutored on new research methods and their relevance to solving transport management problems in contemporary society. Students will be abreast of evolving research methodologies in the discipline by examining scholarly research articles in peer-reviewed journals and relevant textbooks.

PGDTM 713 Business Statistics for Transport and Logistics Management (2C)

This course consists of an introduction to business statistics including methods of describing, summarising, graphically presenting, measuring and analysing statistical data, probability distributions, variance applications, sampling distributions and control charts. The course emphasises applying various

statistical techniques to support managerial decisions in the different functional areas of business. Students will be required to use the recommended calculator to present and analyse statistical data.

ELECTIVE COURSES

PGDTM 710 Organization Behaviour (2C)

This course integrates the study of management principles and practices with the study of human behaviour within organisations. The focus will be on translating management and organisational behaviour theory to practices that result in organisational effectiveness, efficiency, and human resource development. The primary goal of this course is to prepare students for advanced leadership roles in the modern organisations. This course will provide a good foundation for students intending to study in any major, as the main objective of this course is to provide students with the essential content and experiences they need to become a motivating students, successful managers and an effective employees in any type of work they do in the future.

PGDTM 722 Strategic Management (2C)

The course emphasises the value and process of strategic management. In addition to familiarising students with the new subject matter, students are expected to integrate and apply their prior learning to organisations' strategic decision-making. The Strategic Management course is designed to explore an organisation's vision, mission, examine principles, techniques and models of organisational and environmental analysis, discuss the theory and practice of strategy formulation and implementation such as corporate governance and business ethics for the development of effective strategic leadership.

PGDTM 719 Business Ethics (2E)

This business ethics course offers an introduction to the concept of values, morality, and cultural beliefs and upbringing in all areas of business, from consumer rights to corporate social responsibility. Decisions made by shift managers or corporate presidents may affect thousands of individuals or entire communities. Consumers today expect and demand integrity, honesty, and transparency at all levels of their environment. Understanding those expectations is the key to communicating core values and behaviour to employees and society in general.

PGDTM 705 Introduction to Marketing Research(2C)

Students understand marketing research and its value in analysing consumers, markets, and the environment. Topics include an overview of market research and research design, exploratory research; descriptive research; scaling; sampling; and data analysis and reporting.

PGDTM 712 Introduction to International Marketing (2C)

Students explore marketing from a global perspective to better respond to international opportunities and competitive situations. Topics include an overview of international marketing; social, cultural, political, and legal environments; international market-entry opportunities; planning and managing market entry strategies and products; global distribution and pricing; international promotion, sales, and negotiation; and international market planning.

PGDTM 714 Basic Concepts and Issues in Sustainable Tourism Management (2E)

This course introduces students to the fundamental concepts of management related to the tourism and hospitality industry. Topics include financial management and accounting, human resource issues, hotel and resort management, food and beverage management, and event management. Students will also be introduced to standards, practices, regulations and laws in the tourism and hospitality industry.

PGDTM 716 Entrepreneurship in Tourism (2E)

Explores the entrepreneurial processes in the context of tourism and hospitality industries. Using an entrepreneurial idea, students will apply problem-solving and decision making for strategic and general management of entrepreneurial ventures.

PGDTM 718 Human Resource Planning (2E)

This course examines the role of the human resource professional as a strategic partner in managing today's organisations. Key functions such as recruitment, selection, development, appraisal, retention, compensation, and labour relations are examined. Implications of legal and global environments are appraised, and current issues such as diversity training, sexual harassment policies, and rising benefit costs are analysed. Best practices of employers of choice are considered.

PGDTM 799 Research Project (4C)

This involves the identification and research into a topic in any problem area of transport and logistics management. Approval of the topic and research proposal must be sought from the appropriate departmental committee before the commencement of research work. The execution of the research must be under the close guidance of an assigned supervisor.

6.2 MASTERS IN TRANSPORT MANAGEMENT**COURSE STRUCTURE****FIRST SEMESTER**

COURSE CODE	COURSE TITLE	UNIT	STATUS
MTM 801	Quantitative Technique in Transport and Logistics Management	2	C
MTM 803	Global Sourcing and Procurement	2	C
MTM 805	Research Methodology and Transport Development in Nigeria	2	C
MTM 807	Public Transport Policy and Planning	2	C
	Total	8	

ELECTIVES (To choose one)

MTM 809	Maritime Transport and Logistics	2	E
MTM 811	International Logistics Advance Transport Economics	2	E
MTM 813	Logistics and Supply Chain Management	2	E
MTM 815	Advance Transport Economics	2	E
	Total		

SECOND SEMESTER

COURSE CODE	COUSE TITLE	UNIT	STATUS
MTM 802	Sustainable Transport and Logistics Management	2	C
MTM 804	Transportation, Distribution and Material Management	2	C
MTM 806	Transport and Logistics Management	2	C
MTM 812	Sector Industry Analysis in Transport and Logistics Management	2	C
	Total	8	

ELECTIVES (To choose one)

MTM 808	Overland Transport Operations and Management	2	E
MTM 810	Law and Insurance in Transport and Logistics Management	2	E
MTM 814	Air Transport Management and Logistics	2	E
MTM 816	Rail Transport Management and Logistics	2	E
MTM 818	Inland Waterways Management	2	E
MTM 822	Intelligent Transport and Logistics	2	E
MTM 824	Logistics in Humanitarian Aid Projects	2	E
	Total		

THIRD SEMESTER

COURSE CODE	COUSE TITLE	UNIT
MTM 820	Field Trip/Research Seminar	3
	Total	3

FOURTH SEMESTER

COURSE CODE	COURSE TITLE	UNIT
MTM 899	Research Project	6
	Total	6

COURSE DESCRIPTION

MTM 801	Quantitative Methods in Transport and Logistics Management (2C)
MTM 803	Global Sourcing and Procurement (2C)
MTM 805	Transport Development in Nigeria (2C)
MTM 807	Law and Insurance in Transport and Logistics Management (2E)
MTM 811	Advanced Transport Economics (2E)
MTM 809	Public Transport Policy and Planning (2E)
MTM 813	Logistics and Supply Chain Management (2E)
MTM 815	International Logistics (2E)
MTM 802	Sustainable Transport and Logistics Management (2C)
MTM 804	Transportation, Distribution and Material Management (2C)
MTM 806	Transport and Logistics Management (2C)
MTM 812	Sector Industry Analysis in Transport and Logistics Management (2C)
MTM 808	Overland Transport Operations and Management (2E)
MTM 810	Maritime Transport and Logistics (2E)
MTM 814	Air Transport Management and Logistics (2E)
MTM 816	Rail Transport Management and Logistics (2E)
MTM 822	Intelligent Transport and Logistics (2E)
MTM 818	Inland Waterways Management (2E)
MTM 824	Logistics in Humanitarian Aid Projects (2E)
MTM 820	Field Trip/Research Seminar 1(3)
MTM 899	Research Project (6)

MTM 801 **Quantitative Methods in Transport and Logistics Management (2C)**

Introduction to advanced research methods, application of statistical/mathematical concept in transport planning, analysis of point, patterns, covariance and multi-variance methods, mathematical modeling techniques, viz stochastic, optimising and entropy model. Introduction to multi-variance statistical

analysis, factor and principal component analysis, linear surface mapping, time series analysis, linear programming, introduction to computer application in transport studies.

MTM 802 Sustainable Transport and Logistics Management (2C)

Environmental issues relating to contemporary transport and logistics management operations especially climate change, regional and local air pollution, noise pollution and safety issues. Specific modes and factors against their sustainability. Passenger transport/regulatory, behavioral, pricing, and voluntary strategies available, to try to reverse the trends in relation to managing observable trends. Logistics and what regulatory and companies should be doing to facilitate more sustainable practices in the shipment of freight. Issue of safety in transport logistics management and what could be done to mitigate negative impact.

MTM 803 Global Sourcing and Procurement (2C)

Explore the central concepts of organisational procurement, global sourcing and interfaces of these to the other areas of an organisation. This course provides opportunities to examine issues such as organisational procurement process, global sourcing process, supplier selection process, supplier management and other strategic issue. It entails a Work Integrated Learning (WIL) experience in which your knowledge and skills will be applied and assessed in a real or simulated workplace context and where feedback from industry and/or community is integral to your experience.

MTM 804 Transportation Distribution and Material Management (2C)

The organisation and principal characteristics of distribution management. The interaction between material handling, freight transport, packaging ware-house location and management; inventory control, communication and data processing; the importance of distribution channels; the total distribution concept in theory and practice and application to the commercial policy of the business. The significant of logistics and distribution, managing logistics and distribution system; Network planning techniques to obtain optimum movement capacity and required level of customer service; the implication of electronic of electronic data processing and the need for data banks; analysis of traffic demands, forecasts and performance.

MTM 805 Transportation Development in Nigeria (2C)

Issues in Transport Development; theoretical and conceptual considerations in the discipline: transport network in Nigeria with particular reference to highway development, railway development, airport development, seaport development, inland water ways and pipelines. Analysis of transport development and growth as well as expansion phases. Analysis of transport investment programmes, expenditure patterns as well as the underlying strategy of development. Analysis of national Transport Policy and Transport Reform programmes of governments.

MTM806 Transport and Logistics Management (2C)

Policy and strategy planning in the field of transport management. Concept techniques and principles that moderates transport management. Concept, techniques and principles that moderate transport management. Understanding the relationship between Government agencies and the private sectors in in the provision of finance, operation and maintenance of transport network using contemporary modeling techniques and data collection processes. Managing effects of current and future trends in transport. Regulatory and institutional framework of operating public transport. Financing public transport system. Managing transportation problems.

MTM 807 Public Transport Policy and Planning (2C)

Public transport system- concepts and issues. Policy relevant to all area of transport; Urban Planning and passenger logistics. Characteristics of public transport systems. Framework toanalyse public transport system. Role of public transport in the overall development plan. Impacts of public transport in intra and

inter urban areas as well as rural areas. Problems of achieving efficient operation of transport systems; public transport management, regulatory and industrial framework. The financial environment in which public transport operates. Key issues to explain why countries / states have different levels and types of public transport systems.

MTM 808 Overland Transport Operations and Management (2E)

Understanding the concept of overland transport management as it relates to the potential and the actual benefits of rail and road modes. Rail road importance in urban movements, interstate and regional development. Rural transport in the overall overland transport chains. Important concepts and methodology in the operations of overland transport. Strategies and schemes for funding overland transport infrastructures including railroad constructions and maintenance of existing route structures. Pipeline function in the movement of liquid and semi liquid substances. Advantages and disadvantages of pipeline transportation. Management techniques for sustaining overland transport operations.

MTM 809 Maritime Transport and Logistics (2E)

Overview of maritime logistics. The growth of international trade and the globalisation of production. Containers and inter-modal transportation. Container flows. Shipping line operations. Port operations. Linear alliances, fleet management liner routing and scheduling. Inter-modalism and port security.

MTM 810 Law and Insurance in Transport and Logistics Management (2E)

Framework for the principles of contract and business law and their application to insurance, together with an understanding of the special legal principles that apply in insurance. The course also provides a knowledge of how different regulatory systems affect the operation of insurers in the major insurance markets such as US and Japan.

MTM 811 International Logistics (2E)

Overview of international logistics management, concept and issues. Integrated global economy and global competitiveness forming major issues of concern in international logistics. International logistics; - inland origin to final destination. Issues of system decision and those associated with international transport, location and distribution.

MTM 812 Sector Industry Analysis in Transport and Logistics Management (2C)

This course is designed to enable students develop analytical skills to create an awareness in the management of issues facing transport and logistics as a field of study. It will enable students to analyse and evaluate Transport and Logistics industries with regard to current industry practices; role and influence of key stake holders in terms of structure, ownership, supply and distribution relationships. The course will also examine the diverse and changing nature of Transport and Logistics management to the external competitive world. The course will give attention to approaches to the internal operations management of organisations in Transport and Logistics industry.

MTM 813 Logistics and Supply Chain Management (2E)

Logistics and forwarding. Logistics concept/project. Physical distribution systems. Sub system in logistics. Information handling and control issues, transport and logistics management value added services. Commodity related systems. Rights and duties of the warehouse operator and customer. Type of warehouses, warehouse documents and information technology for warehouses. Construction, layout and safety. Warehouse charges and general charges.

MTM 814 Air Transport Management and Logistics (2E)

Overview of aviation management and logistics. Rapid growing industries with opportunities in all areas of aviation. Strategies of developing business interest airlines and airports as well as global aviation supply chain. Airline strategies, cost/risk management, mergers and acquisitions, formation and

management of allowances, yield/revenue management, financial analysis, benchmarking cargo operations and aviation logistics. Management of air transport in remote areas. Airport capacity constraints, challenges of airport/aviation industry, growth of air traffic and opportunities for employment creation and resultant huge revenue growth potential.

MTM 815 Advanced Transport Economics (2E)

Economics and customer behavior, analysis of transport demand; transport demand modeling. Theory of transport supply. Topics in transport cost functions. Rail, sea port and Shipping economics. Topics in aviation economies and economics of freight transportation. Project evaluation and transport economics. Evaluation of transport projects, travel time values, accidents cost evaluations and case studies in transport appraisals. Transport policy and operations, management objectives and decision rules in transport operations. National Transport Policy and Transport Regulations.

MTM 816 Rail Transport Management and Logistics (2E)

Overview of railway logistics planning and operations. Recent global/regional interest in railway development. Railway as a solution to both passenger and freight movement. Rail model share rising, and implications for logistics planning and operations. Railway management, economics and planning.

MTM 818 Inland Waterways Management (2E)

Differentiate Inland waterways from maritime services. Inland waterway development, jetty development and ferry service operations. Dredging activities and jetty construction. Inland shipping polices and NIWA. Problems facing inland waterways, navigation channel and open seas. Navigation and control systems, ship communication systems and avoidance of collision. Importance of inland waterways to domestic international economies.

MTM 822 Intelligent Transport and Logistics (2E)

Introduction to GIS. Overview of GIS and its relevance to transport, logistics and planning. Fundamentals of GIS- how data areorganised and how queries work. Data base building and transport facilities. Application of TransCAD, GIS software- to handle routing and delivery system. Intelligent Transport System (ITS). Intelligent Vehicle System (Telematics). Supply Chain and other intelligent logistic system. Information and communication technology (ICT) especially wireless communications. Cooperate mobility, location-based services, and distributed information processing in advanced intelligence networks. Advanced sentier devices and interface – strength and limitations.

MTM 824 Logistics in Humanitarian Aid Projects (2E)

Importance of logistics in humanitarian aid projects. Efficient and effective delivery of help to the victim of war, natural disasters and epidemics. Case studies to be drawn from different countries including Sudan, Congo, Haiti, Afghanistan and Iraq. Pressure risk on logistics managers arising from unstable security environment. Long and fragile supply lines. Time constraints and access restrictions among others will be covered.

MTM 899 Research Project (6)

This involves the identification and research into a topic in any problem area of transport and logistics management. Approval of the topic and research proposal must be sought from the appropriate departmental committee before the commencement of research work. The execution of the research must be under the close guidance of an assigned supervisor.

6.3 MPhil/PhD PROGRAMME IN TRANSPORT MANAGEMENT

Candidates on MPhil/PhD degree program, which will have their status converted to PhD program, must satisfy the following conditions:

- (i) The candidate must register for and pass coursework drawn from the Masters curriculum, with at least 60% aggregate score;
- (ii) Candidate must present a detailed and acceptable research proposal with the preliminary results on a topic of interest in an area of specialisation;
- (iii) The candidate will have to undergo a conversion examination to be conducted by an examination panel;
- (iv) The examination panel shall be made up of the Head of Department as the Chief Examiner, Department/Faculty Postgraduate Coordinators, Representative of the College of Postgraduate Studies, Supervisor and Internal-External Examiner.
- (v) The candidate shall be required to score a minimum of 60% to proceed to a PhD
- (vi) A candidate who falls short of making the minimum requirement of scoring 60% will proceed to complete his/her dissertation and be awarded the MPhil degree provided the candidate scores a minimum of 50%.
- (vii) A candidate who fails to proceed within the immediate session shall be required to re-apply.

6.4 PHD IN TRANSPORT MANAGEMENT

COURSE STRUCTURE

FIRM SEMESTER

CODE COURSES

COURSE CODE	COURSE TITLE	L	T	P	TOTAL UNITS
DTM 901	Advanced Research Methodology and Theory in Transport Management	2	1	-	3
	TOTAL	2	1	1	3

SECOND SEMESTER

CORE COURSES

COURSE CODE	COURSE TITLE	L	T	P	TOTAL UNITS
DTM 902	Advanced Research Techniques and Practice in Transport Management	2	1	-	3
DTM 904	PhD Seminar	-	-	3	3
Total		2	1	3	6

THIRD TO SIXTH SEMESTER

THESIS

COURSE CODE	COURSE TITLE	L	T	P	TOTAL UNITS
DTM 999	Thesis Writing	-	-	12	12
TOTAL		-	-	12	12

DESCRIPTION OF COURSES

DTM 901 ADVANCED RESEARCH METHODOLOGY AND THEORY IN TRANSPORT MANAGEMENT

(3 UNITS)

This course exposes the student to different conceptual, theoretical, philosophical and methodological paradigms for analysing transportation problems. Philosophical biases like quantitative or positivist approach, qualitative or interpretivist approach, mixed-method or research triangulation. Research strategies: case studies, Action research, Survey, Experiment. Time Horizon: Cross-sectional or Longitudinal studies. Data collection methods: Questionnaire survey, Observation, Interviews and Secondary data. The course is designed to imbue the student with sound knowledge of various theories

and models applicable in the discipline some of which are: Transportation Management System (TMS), Enterprise Resource Planning System (ERPS), Traffic Flow Theory (TFT), Theory of Constraints (ToC), Economic Order Model (EOM), Central Place Theory (CPT) Gravity Model (GM), Location Models, Urban Planning Models and other relevant theories.

DTM 902 ADVANCED RESEARCH TECHNIQUES AND PRACTICE IN TRANSPORT MANAGEMENT (3 UNITS)

Statistical techniques like Bivariate and Multivariate analysis, Time series analysis, ANOVA, Principal Component Analysis (PCA), Factor Analysis, Cluster Analysis and Linear programming. The student will be tutored on new research methods and their relevance to solving transport management problems in contemporary society. Students will be abreast of evolving research methodologies in the discipline by examining scholarly research articles in peer-reviewed journals and relevant textbooks.

DTM 904 PhD Seminar (3 UNITS)

The student is expected to present a paper that critiques current issues in their proposed field of specialisation in consultation with their supervisor. Such academic papers could be presented at departmental or faculty postgraduate seminar.

DTM 999 THESIS (12 UNITS)

The student is expected to present a good research problem in Transport Management which will be approved by the supervisor and the departmental/college postgraduate committee. The final thesis which must be followed the stipulated methodological process, must not exceed 45,000 words, should be typed, bound in an approved size paper and must be supervised by a minimum of two (2) supervisors not lower than the rank of a Senior Lecturer.

7.0 STAFF LISTING

7.1 ACADEMIC STAFF

NAME	AREA OF SPECIALISATION	DISCIPLINE	QUALIFICATION	RANK
Dr. A. P. Ajayi	GIS, Intelligent Transport System, Logistics and Supply Chain Management	Transport Geography, GIS-T, Logistics and Supply Chain Mgt	BSc(Hons), MSc, MGIS, PhD	Senior Lecturer & Acting Head
Prof. O. O. Odugbemi	Research Methodology in Transport Studies	Transport Geography	BSc(Hons), MSc, PhD; FCILT	Professor (Visiting)
Prof. Adeleke, Adepoju	Entrepreneurship and Transport Business	Transport Management and Entrepreneurship	BSc(Hons), MSc, PhD	Professor (Visiting)
Dr. A.O. Oluwakoya,	Air Transport, Logistics and Supply Chain Management	Transport and Logistics	BSc (Hons), MSc, PhD	Senior Lecturer
Dr, M. O. M. Akpor Robaro	Organisational Management, Operation Research	Business Administration and Transport Forecasting	BSc (Hons), MSc, PhD	Reader
Dr. (Mrs) O. S. Ighomereho.	Distribution Planning and Marketing	Marketing and Distribution Management	BSc (Hons), MSc, PhD	Senior Lecturer

7.2 TECHNICAL STAFF

Mr. Ademuyiwa O.	BSc, (2007), PGD (Remote Sensing & GIS) 2011, MSc, GIS (2017)	Senior Laboratory Technologist
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CURRICULUM FOR FACULTY OF SOCIAL SCIENCES

ACCREDITED PROGRAMMES

DEPARTMENT OF BEHAVIOURAL STUDIES

PGD (Social Work)

PGD, MSc, MPhil/PhD, PhD (Psychology)

PGD, MSc., MPhil/PhD, PhD (Sociology)

MMP (Professional Master's in Managerial Psychology)

PGD, MSc, MPhil, PhD (Gender and Development Studies)

DEPARTMENT OF ECONOMICS

PGD, MSc, PhD (Economics)

DEPARTMENT OF MASS COMMUNICATIONS

PGD, MSc, PhD (Media and Communication Studies)

DEPARTMENT OF TOURISM STUDIES

PGD, MSc, PhD (Tourism Studies)

CHAPTER FOURTEEN

DEPARTMENT OF BEHAVIOURAL STUDIES

1.0 A BRIEF HISTORY OF THE DEPARTMENT

Psychology Programme which is primarily concerned with the understanding of human behaviour and mental processes for the purpose of solving the problems of individual in the society is one of the three programmes (Psychology, Sociology and Social Work) that formed the Department of Behavioural Studies in the College of Management and Social Sciences now renamed as Faculty of Social Sciences in the Redeemer's University Academic Brief sent to the National Universities Commission (NUC) at the inception of the University in 2005. The degree programme in Psychology in the University started in 2005 with the admission of fourteen (14) students. By 2009, the Department graduated her first set of students. As at 2014/2015 Academic session, the programme had 79 students across levels and eight lecturers comprising of Two (2) Professors, Three (3) Senior Lecturers, One (1) Lecturer Grade I and Two (2) Assistant Lecturers. The Post Graduate programme began in 2013 and first sets of MMP and PhD students graduated in 2015: MMP Seven (7) and PhD Two (2).

2.0 PHILOSOPHY OF THE PROGRAMME

The underlying philosophy of the Postgraduate programme in Psychology is to produce highly competent individuals, well-grounded in the concepts and theories of Psychology and able to apply its methodological tools in solving societal problems.

3.0 OBJECTIVES OF THE PROGRAMME

The aim of postgraduate programme in Psychology in Redeemer's University is to prepare the student to function as a qualified professional Psychologist in the area of Clinical, Industrial/Organizational Social, or Developmental Psychology. The objectives of the course include the following:

- (a) To train competent psychologists that would service the nation and aid her growth in all areas of life such as the hospitals, industries, schools, military/paramilitary institutions, politics and governance, social welfare, correctional institutions, higher institutions of learning and research centers, and many other organizations where human behaviour is of interest.
- (b) To align the discipline of psychology with the human resource needs in workplaces.
- (c) To provide professional advancement opportunities for those who are interested in developing their knowledge of human beings and thereby aiding their performances.
- (d) To equip students with various research methods and skills (both qualitative and quantitative applicable to the academics, human resource management and organizational behaviour, clinical settings, research settings and other areas.
- (e) To prepare students with behavioural, social and management skills required in organizational settings.
- (f) To familiarize the students with the dynamics and intricacies of the social world, conflict, and conflict resolution.
- (g) To familiarize students with the application of various therapeutic and intervention strategies the nation and tools.
- (h) To enhance the relevance of Redeemer's University to her immediate environment, and the world at large.

The Postgraduate programmes in Psychology of Redeemer's University is aimed at equipping postgraduate students with skills, competences, concepts, theories, models, and abilities which shall enable them, upon graduation, to analyse, understand, predict and modify human and animal

behaviours for the overall social, economic, political, health, and national development of Nigeria. The programme shall train graduates who shall compete globally, utilizing their knowledge of psychology to positively affect the world.

4.0 AREAS OF SPECIALIZATION

The programme shall prepare candidates along the following areas of specialization:

Clinical Psychology: Emphasis in this area of psychology will be on understanding the development and treatment of psychological disorders experienced by people, with special focus on the social, emotional, cognitive, and neurobiological features of normal and atypical behaviour, risks and protective factors that influence the nature and progression of atypical behaviour and response to treatment approaches to assessment, psycho-diagnosis and intervention; psychopathological impacts of stressful life events; and psychological underpinnings of risky and detrimental behaviour.

Developmental Psychology: Emphasis will be on the study of normal and atypical patterns of human development across the lifespan. Origins, nature, determinants, and interaction of cognitive, emotional, perceptual, and motor abilities: personality characteristics, social skills, socio-emotional and cognitive processes in normal and high-risk infants and young children, family and peer relations, sex differences and sex-role socialization; predictors of adjustment; ageing and age-related changes and transition.

Industrial/Organizational Psychology: the objective of study in this area is to acquaint graduate students with the relevant theoretical and practical skills in industrial/organizational processes such as personnel selection, organizational behaviour, work attitudes, performance appraisal, human resource management and measurement of individual differences across many domains.

Social Psychology: Graduate students specializing in this area would be familiarized with the pursuit of advanced research and the design and evaluation of interventions and programmes that aim to reduce social problems and promote human welfare. The students would also be familiarized with the investigation of social processes and problems of significance to the general community and to specific groups, for example, the areas of ageing, law, health, equity, community services, and gender.

5.0 POSTGRADUATE DIPLOMA IN PSYCHOLOGY

5.1 ADMISSION REQUIREMENTS

In addition to satisfying the minimum UME requirements for admission into BSc Psychology in the University, a candidate should possess any or a combination of the following:

- 1). A first degree with at least a 3-class grade in any discipline acceptable to Senate a recognized institution with at least 2 years
- 2) HND with at least lower credit pass in any related field from post HND experience in the industry.
- 3) Any other qualifications approved by Senate.

5.2 MINIMUM REQUIREMENTS FOR GRADUATION

To be awarded a Post Graduate Diploma (PGD) in Psychology, a student must pass a minimum of 51 units of courses at 700 level, including all compulsory and elective courses. The weighted average system, in which the total marks obtained by a student in all courses offered shall be divided by the number of courses offered, shall be used to compute the results.

Core/Compulsory Courses	-	33 units
Elective Courses (from one area of specialization)	-	9 units
Seminar	-	3 units
Research project	-	6 units
Total	-	51 units

5.3 COURSE REQUIREMENT

FIRST SEMESTER CORE COURSES

COURSE CODE	COURSE TITLE	STATUS	UNITS
PSY 701	Basic Concepts and Theories in Psychology	C	3
PSY 703	Applied Statistics in Psychology	C	3
PSY 705	Psychological Tests and Testing.	C	3
PSY 707	Research Methods in Psychology	C	3
PSY 709	Psychology of Abnormal Behaviour	C	3
PSY 713	Physiological psychology	C	3
PSY 717	Introduction to Industrial Psychology	C	3
TOTAL			21

ELECTIVES: CLINICAL/ DEVELOPMENTAL PSYCHOLOGY OPTION

Choose at least 2 courses from the list below:

COURSE CODE	COURSE TITLE	STATUS	UNITS
PSY 708	Health Psychology	E	3
PSY 710	Drug and Behaviour	E	3
PSY 711	Introduction Clinical Psychology	E	3
PSY 731	Introduction Child Psychopathology	E	3

ELECTIVES: INDUSTRIAL ORGANIZATIONAL/SOCIAL PSYCHOLOGY

Choose at least 2 courses from the list below:

COURSE CODE	COURSE TITLE	STATUS	UNITS
PSY 716	Personnel Psychology	E	3
PSY 718	Organizational Behaviour	E	3
PSY 719	Leadership Psychology	E	3
PSY 723	Psychology of Social Change	E	3

SECOND SEMESTER

Core Courses

COURSE CODE	COURSE TITLE	STATUS	UNITS
PSY 704	Personality Theories and Development	C	3
PSY 715	Introduction to Developmental Psychology	C	3
PSY 714	Child and Adolescent Psychology	C	3
PSY 721	Introduction to Social Psychology	C	3
PSY 730	Seminar in Psychology	C	3
PSY 799	Research project	C	6
TOTAL			21

ELECTIVES: CLINICAL/ DEVELOPMENTAL PSYCHOLOGY OPTION

Choose at least 1 course from the list below:

COURSE CODE	COURSE TITLE	STATUS	UNITS
PSY 712	School and Counseling Psychology	E	3

ELECTIVES: INDUSTRIAL-ORGANIZATIONAL/SOCIAL PSYCHOLOGY

Choose at least 2 courses from the list below:

COURSE CODE	COURSE TITLE	STATUS	UNITS
PSY 702	Psychology of Entrepreneurship	E	3
PSY 720	Political Psychology	E	3
PSY 722	Environmental Psychology	E	3

5.4 COURSE DESCRIPTIONS**PSY 701- Basic Concepts and Theories in Psychology**

This course examines the basic concepts and history of psychology; fields of specialization in psychology; the basic psychological theories like learning, meaning, language, motivation, emotion and developmental theories.

PSY 702- Psychology of Entrepreneurship

Definition of entrepreneurship. Types of entrepreneurs. Uniqueness of “entrepreneurial” thinking, cognitive phenomena associated with seeing and acting on Opportunities, theories of entrepreneurship, empirical basis of entrepreneurship and its implications. Entrepreneurship as epitome of an active, rather than a reactive agent. Determinants of entrepreneurial success. Intervention programs to help entrepreneurs achieve success.

PSY 703- Applied Statistics in Psychology

Introduction to descriptive and inferential statistics, techniques of hypotheses testing, inferences and the meaning of basic concepts in statistics such as population, sample etc.

PSY 704- Personality Theories and Development

Overview of major theories of personality and their implication for psychotherapeutic intervention such as psychoanalytic, humanistic behaviour and other related schools of thought.

PSY 705- Psychological Tests and Testing.

Application of psychological testing through measurement principles of descriptive and inferential statistics to describe individual/group assessment data. To distinguish various types of assessment (e.g. normative, criterion, referenced). To evaluate instruments in terms of psychometric properties (e. g. Norms, reliability, validity). Utilization of item analyses in test construction. Test bias, ethical and legal consideration test development

PSY 707- Research Methods for Psychology

Overview of research methodology and designs in psychology, characteristics of each design, type of research methods, advantages and disadvantages of different research methods. Relevance and challenges of these research methods in developing psychological theories.

PSY 708- Health Psychology

An Introduction to Health Psychology: Meaning of Health Psychology, Relating Health Psychology to other fields. Enhancing Health and Preventing Illness: Detrimental behaviour (Smoking, alcohol use, sedentary habits, nutrition and obesity,etc.) Reasons for engaging in detrimental behaviours, prevention and treatment of detrimental behaviour.

PSY 709- Psychology of Abnormal Behaviour

The course examines the nature and methods of clinical psychology. Topics covered include psychological dysfunctions, mental disorder and behaviour pathology and the psychotherapies

PSY 710- Drug and Behaviour

The course examines the use of drugs, the diagnosis of alcoholism and drug addiction. The rehabilitation of drug addicts and various stages of alcoholism, drug types and psychological problems associated with them.

PSY 711- Introduction Clinical Psychology

Emphasis will be on the common types, causes, diagnostic characteristics and treatment of mental disorders observable in Nigeria and other cultures. Minor and serious types of mental and personality disturbances as illustrated by cases.

PSY 712- School and Counseling Psychology

The course is intended to provide a broad overview of the school counseling profession with an emphasis on both theoretical and practical aspects of comprehensive school counseling programs. Field study required.

PSY 713- Physiological psychology

The course covers the anatomy of the brain, biochemical constituents of brain, brain functions and importance of glucose, metabolic aspects of central nervous system. Neural transmission and endocrine system.

PSY 714- Child and Adolescent Psychology

This course is a study of growth, adjustment and capacities of individuals from conception through adolescence. It emphasizes the study of normal children.

PSY 715- Introduction to Developmental Psychology.

A survey of the theories and research on the developing child from conception to old age. An appraisal of the theoretical models of Freud, Erikson, Piaget. Analysis of issues relevant to cognitive and social development of the Nigeria child. Physical development, language and communication development.

PSY 716- Personnel Psychology

This course is designed to provide students with the tools for understanding the underlying theory, research and techniques of personnel psychology. It will provide the background for understanding the practical application of the concepts and techniques studied. This will be accomplished through a combination of lectures, group projects involving application of the principles of personnel psychology

PSY 717- Introduction to Industrial Psychology

Psychology as applied to business and industry major area of industrial organizational psychology such as recruitments, selection and placement, training and development programme, as well as researches in human factor development and organizational research and theory.

PSY 718- Organizational Behaviour

Study of human behaviour in group and organisations. Emphasis on research and practice involving human relations and management approaches e.g. McGregor theory X and Y. Job satisfaction, organisational commitment organisational culture, meaning of work.

PSY 719- Leadership psychology

This course examines the psychological and social processes that characterize effective leadership, including the qualities of leaders, psychological exchanges between leaders and followers, and the situations that make some people better leaders than others. Leadership is examined under the perspectives of social and differential psychology, including teamwork, development of employees, intelligence, and power as strong factors in leadership.

PSY 720- Political Psychology

Political orientation, attitude and behaviour e.g. heredity, socialisation, social environment and education. Leadership and power strategies within groups. Problem solving, creativity, conflict and negotiation. Using power to influence decision making. Organisational justice and equity theory. Inter group hatred and violence, discrimination (e. g. racism, xenophobia), terrorism, prejudicial behaviour, immigrants, religious affiliation. Individual self identification to a group.

PSY 721- Introduction to Social Psychology

Concept and scope, research method, processes of social influence, conformity, cognitive dissonance, theories and measurement, communication and persuasion, language and society. Influence of culture, group processes and social interaction on individual's behavior, attitude formation and attitude change.

PSY 722- Environmental Psychology

The course examines the definition and history of environmental psychology, basic concepts such as territoriality, personal space and privacy, experimental studies of territories, man- environment interaction, psychological impact of environmental challenges such as noise, air pollution, traffic congestion etc

PSY 723- Psychology of Social Change

The course will examine an array of forces bringing about social change and the impact of those changes on individuals, families, communities and societies. The course will draw on a number of disciplines from the field of health and social sciences. There will be an emphasis on research informed teaching. The course provides students with enhanced employability via placement learning opportunities. Application of research findings to device workable public policy solutions to current and emerging problems

PSY 730- Seminar in Psychology

The research seminar in psychology provides students with practical issues and hands-on experience related to their academic work. Course objectives include: (a) providing a collegial setting in which students can develop essential communication skills for scholarly and professional discourse, (b) providing an opportunity for sharing research findings and discussing current research plans, (c) stimulating discussion about recent or on-going research projects, research methodologies, and future research possibilities; and (d) providing constructive suggestions to students who are finalizing research plans for a thesis or preparing to present results of their research in the department or at a conference.

PSY 731- Introduction to Child Psychopathology

The course focuses on both typical and atypical child development in an effort to identify genetic, environmental, and parenting factors that may influence the longitudinal trajectory of psychological well-being. It examines the major forms of childhood disturbances, issues, theories and research. Assessment of behaviour from psychological and developmental perspectives, case history reviews and laboratory experiences.

PSY 799- Research project

A supervised honours thesis based on empirical or field research on any approved topic within the Department. The objective of the project is to help the student develop ability to apply various

psychological concepts, tools and techniques to solve day-to-day life problems. Students are free to conduct experimental studies, surveys, or case studies.

5.5 CLINICAL PRACTICUM/INTERNSHIP

A student must go for Clinical Practicum or Internship for one week. Clinical Psychology students and Developmental Psychology students will go to Federal Neuropsychiatric Hospital Aro, Abeokuta or any other related institution. The Industrial Psychology students and Social Psychology students will be attached to Redeemer's University Human Resources Department, RUN Consult or any other related Department.

6.0 MSc, MPhil/PhD and PhD PROGRAMMES

6.1 ADMISSION REQUIREMENTS

MASTER OF SCIENCE PROGRAMME (MSc)

Candidates for admission into MSc. Psychology (Clinical, Developmental, Industrial/ Organisational, or Social option) must possess at least BSc Degree in Psychology from a recognized university with a Second Class Upper. Candidates with Second Class Lower but with a CGPA of 3.00 on a 5 point scale or 4.50 on a 7-point scale may also be considered. In addition, all candidates must satisfy UTME requirements for B.Sc. Psychology of Credit Passes in five subjects including English Language, Biology and Mathematics.

DOCTOR OF PHILOSOPHY PROGRAMMES (PhD and MPhil/PhD)

Candidates who obtained a weighted average of between 55-59.5% at the MSc level may be admitted into the MPhil/PhD Programme. Such MSc degree must have been obtained not more than six years prior to the time of applying for the PhD programme.

Candidates for admission into PhD Psychology (Clinical, Developmental, Industrial/ Organizational, or Social option) must possess an MSc in Psychology from a university recognized by Senate of Redeemer's University, with a weighted average of at least 60% or equivalent grade. In addition, all candidates must satisfy UTME requirements for BSc Psychology of Credit Passes in five subjects including English Language, Biology and Mathematics.

6.2 DURATION OF THE PROGRAMMES

The minimum duration for the MSc Psychology programme shall be four semesters for Clinical, Developmental and Industrial/Organizational and Social Psychology. The minimum duration for the MPhil/PhD. programmes shall be one academic session during which the candidate shall pass 12 units of coursework and the conversion examination. All MPhil/PhD candidates are expected to convert to PhD the end of their second semester in the university. A candidate may apply for an extra semester on presentation of compelling reasons. Failure of a candidate to convert to PhD after this period connotes an automatic termination of the programme if he/she obtains less than 50% average in the 12 units course-work and the conversion examination OR settle for MPhil Degree if he obtains 50-59% average,

The PhD programme shall be offered on full-time and part-time basis. Candidates for the full-time PhD programme are expected to spend a minimum of three years (six semesters) and a maximum of five

years (ten semesters). For the part-time candidates, minimum duration of the programme shall be five years (ten semesters) while the maximum duration shall be seven years (fourteen semesters).

6.3 MINIMUM REQUIREMENTS FOR GRADUATION

MASTER OF SCIENCE (MSc) PROGRAMME

To be awarded a degree of Masters of Science in Psychology, a student must pass a minimum of 48 units of courses at 800 level, including all compulsory and elective courses. The weighted average system, in which the total marks obtained by a student in all courses offered shall be divided by the number of courses offered, shall be used to compute the results.

Core/Compulsory Courses	-	27 units
Elective Courses	-	9 units
Seminar	-	3 units
Internship/Practicum (6 months)	-	3 units
Dissertation	-	6 units
Total	-	48 units

6.4 COURSE REQUIREMENTS FOR MSc PROGRAMME

Core/Compulsory Courses

Course Code	Course Title	Units	Status
PSY 801	Theories and Models in Psychology	3	C
PSY 802	Research Methods	3	C
PSY 803	Psychology of Entrepreneurship	3	C
PSY 804	Applied Statistics	3	C
PSY 805	Information Management System	3	C
PSY 806	Physiological Psychology	3	C
PSY 813	Psychopathology	3	C
PSY 825	Advanced Child Psychology	3	C
PSY 832	Social Behaviour	3	C
	Seminar		
PSY 807	Seminar in Clinical Psychology	3	E
PSY 808	Seminar in Industrial/Organizational Psychology	3	E
PSY 809	Seminar in Developmental Psychology	3	E
PSY 810	Seminar in Social Psychology	3	E
	Electives (Clinical Option)		
PSY 811	Advanced Clinical Psychology/Psychodiagnostics Assessment*	3	E
PSY 812	Psychotherapy	3	E
PSY 814	Advanced Health Psychology	3	E
PSY 815	Forensic and Legal Psychology	3	E
PSY 816	Advanced Theories in Stress, Conflict & Crisis Management	3	E
PSY 817	Advanced Psychopharmacology* * Compulsory for Clinical Psychology	3	E
	Industrial/Organizational Option		
PSY 818	Human Resources and Personnel Psychology*	3	E

PSY 819	Advanced Principles of Industrial/Organizational Psychology*	3	E
PSY 820	Organizational Behaviour	3	E
PSY 821	Leadership and Executive Development	3	E
PSY 822	Industrial Motivation and Morale * Compulsory for Industrial/Organizational Psychology	3	E
	Developmental Option		
PSY 823	Human Development: Theories & Research*	3	E
PSY 824	Current issues in Developmental Psychology	3	E
PSY 826	Advanced Adolescent Psychology	3	E
PSY 827	Gerontology/Advanced Later Life Development	3	E
PSY 828	Advanced Child Psychopathology*	3	E
PSY 829	Advanced Theories of Learning & Conditioning * Compulsory for Developmental Psychology	3	E
PSY 830	Advanced Theoretical & Applied Psychometric	3	E
	Social Option		
PSY 831	Advanced Social Psychology; Theories & Researches*	3	E
PSY 833	Psychology of Social Change and Reform	3	E
PSY 834	Social Psychological Analysis of Industries & Organizations*	3	E
PSY 835	Psychology of Union Management Relations * Compulsory for Social Psychology	3	E
	Practicum/Internship		
PSY 836	Practicum in Clinical Psychology	3	E
PSY 837	Practicum in Industrial/Organizational	3	E
PSY 838	Practicum in Developmental Psychology	3	E
PSY 839	Practicum in Social Psychology	3	E
	Dissertation		
PSY 899	Individual Research Dissertation	6	

6.6 COURSE DESCRIPTION FOR MSc PROGRAMME

PSY 801: THEORIES AND MODELS IN PSYCHOLOGY

The course will explore the origin and development of theory and models in psychology. Emphasizes will be on the historical schools of thought such as structuralism, functionalism, behaviourism, gestalt, psychoanalytic, existentialism and humanistic theories. Other theories to include: cognitive, motivational, personality, emotional, learning and social theory. Application of theories to solving human-related problems.

PSY 802: RESEARCH METHODS IN PSYCHOLOGY

Scientific Method and its goals, Research process, Criteria of good Research, Research problem, Hypotheses and testing of Hypotheses Research Designs, Sampling and Sampling techniques, Sample size and its determination, Research Methods (Survey, Experimental, Exploratory, Case study, Cross sectional and longitudinal methods), Different types of tools- Observation, interview, questionnaire, check list, inventories, etc, Reliability, Validity, objectivity and practicability. Research Proposal, Significance of Report writing, Steps in writing report, Types of Reports, Role of computers in Research.

PSY 803: PSYCHOLOGY OF ENTREPRENEURSHIP

Definition of entrepreneurship. Types of entrepreneurs. Unique about “entrepreneurial” thinking, cognitive phenomena associated with seeing and acting on Opportunities, theories of entrepreneurship, empirical basis of entrepreneurship and its implications. Entrepreneurship as epitome of an active, rather than a reactive agent. Determinants of entrepreneurial success. Intervention programs to help entrepreneurs achieve success.

PSY 804: APPLIED STATISTICS

Concept of probability; Probability distribution - Normal, Poisson, Binomial. Descriptive statistics - Central tendency, dispersion, skewness and kurtosis. Simple linear regression and correlation. Basics of testing of hypothesis: Null hypothesis, alternate hypothesis, type I and type II errors, level of significance, power of the test, p-value. Concept of standard error and confidence interval. Tests of significance - "t" test, normal test and "F" test. Non-parametric statistics - requirement of non-parametric statistics, Mann-Whitney U-test, Wilcoxon test, Spearman's rank correlation coefficient. One-way and Two-way analysis of variance, analysis of covariance, repeated measures analysis of variance. Multivariate analysis: Introduction, Multiple regression and correlation, logistic regression, factor analysis, cluster analysis, discriminant function analysis, path analysis, MANOVA, Canonical correlation, and Multidimensional scaling.

PSY 805: INFORMATION MANAGEMENT SYSTEM

This course will explain students about the relationships among management, information, and systems. It will help student understand the basics of computer based information processing. Through this course students can develop and understand the use of information technology in problem solving and decision making. Introduction to information system, Strategic Use of Information Systems, Basic Concepts of Information Systems Resources such as hardware, software, and telecommunications, database, Internet and electronic commerce, and Internet Security & Ethical Challenges.

PSY 806: PHYSIOLOGICAL PSYCHOLOGY

Anatomy of the Brain. Neuronal Signalling. Biochemistry of Central Nervous System: Biochemical constituents of Brain; Brain function and importance of Glucose; Metabolic aspects of Central Nervous System; Biochemical aspects of Metabolic defects. Neural Transmission: Neurotransmitters and Neuromodulators including Neuropeptides; Pharmacological aspects of Neurotransmitters; Neurotransmitter dysfunction in behavioural disorders. Neuroendocrine System: Endocrine System and Neuroimmune System; Hormones & Functions; Disturbances in Endocrine System and Behavioral Disorders; Psychoneuroimmunology. Concept of Inheritance: Structure and Function of Chromosomes; Genetics aspects of major psychoses; Genetic abnormalities in Mental Retardation; Genetic Counselling. Neurobiology of Sensory and Motor Systems: The organization of sensory system in terms of receptors, relay neurons, Thalamus and cortical processing of different sensations. Neurobiology of Drives and Motivation: Mechanisms of Aggression, Hunger, Thirst and Sex. Regulation of Internal Environment: Role of limbic, autonomic and the neuroendocrine system in regulating the internal environment. Reticular formation and other important neural substrates regulating the state of sleep/wakefulness. State of consciousness/brain death. Neurobiology of Learning and Memory: Neurochemical aspects of Learning and Memory; Role of RNA & Proteins; Disturbances in Memory Mechanism.

PSY 807: SEMINAR IN CLINICAL PSYCHOLOGY

The course focuses on the theoretical and applied foundations of psychological measurement. Historical, theoretical and psychometric issues are addressed to provide the students with a sound knowledge on issues relating to test development in clinical psychology, development of skills in the assessment of cognitive abilities, personality, behaviour, and emotional functioning. Report writing skills through case studies and computer-based test administration and interpretation are also addressed.

PSY 808: SEMINAR IN INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY

The course will expose graduate students to the major theories, issues, and methodologies driving research in the field of industrial/organizational psychology. Students will learn to critically evaluate presentations by researchers in the field, as well as to communicate the results of their own research, both in written and oral format. Students will also be acquainted with the theories and consultation techniques for improving organizational effectiveness.

PSY 809: SEMINAR IN DEVELOPMENTAL PSYCHOLOGY

Students are expected to give presentation in the following areas after exhaustive and extensive discussions in the class: African families and child rearing practices; developmental crises as related to cultural group in Africa viz-a-viz Western culture; challenges of adolescents in the current socio-economic situation in Africa with special reference to a particular group; drugs, sexuality, identity, crime and other health issues as challenges for adolescents; social supports of caring problems for Geriatric population; critical issues in Language development; parenting styles and developmental impacts.

PSY 810: SEMINAR IN SOCIAL PSYCHOLOGY

Students will make theoretical and or empirical presentation of related topics for seminar: self-perception, self-concept, self-esteem, self and culture, self and specific identities (gender, ethnic, class, sexuality), violence and aggression, conflict, persuasion and compliance, prejudice and group membership, social perception, terror management.

PSY 811: ADVANCED CLINICAL PSYCHOLOGY AND PSYCHODIAGNOSTICS

History of clinical psychology, the development and practice of clinical psychology in Nigeria, prospects and challenges of clinical psychological practice in Nigeria, training of clinical psychologists, ethical issues in clinical psychological practice in Nigeria, clinical report writing. Case history, mental state examination, observations, response recording, synthesis of information from different sources. Psychological testing; test of cognitive functions – Bender Gestalt test, Wechsler memory scales, PGI memory scale, Bhatia's Battery of performance test of intelligence, Raven's progressive matrices, diagnostic tests – Minnesota Multiphasic Personality Inventory (MMPI), Multiphasic Questionnaire (MPQ), Clinical Analysis Questionnaire, General Health Questionnaires (GHQs), STAI, Beck's Depression Inventory (BDI), etc. Indigenous diagnostic tools – Awaritefe Psychological Index (API), Enigbo Somalization Scale, Police Stress Inventory, Olowu Self-concept Scale, etc. **Adjustment and Personality Assessment Scales:** Projective tests Rorschach Likblot Test, Rating scales, Big-5 personality scale, TAT psychological assessment of children, Draw – A – Person Test, Children Apperception Test. **Tests for people with disabilities:** WAIS-R, WISC-R (for visually challenged, blind learning aptitude test, etc).

PSY 812: PSYCHOTHERAPIES

Modern methods of diagnosis: Medical evaluation, Psychological Assessment, Sociological evaluation, Integration of Diagnostic data (the staff conference, adoption of treatment methods, referral or consultative services), major systematic approaches to Psychotherapy; Psychoanalytic therapy, Behaviour therapy, Client Centre Psychotherapy, Cognitive therapy, Existential/Transactional analysis, Reality therapy, Rational – Emotive therapy; Techniques and specialized methods of treatment; Individual therapy, group therapy, Chemotherapy, relectro-convulsive therapy.

PSY 813: ADVANCED PSYCHOPATHOLOGY

This is a continuation of the basic course in Abnormal Psychology. The objective is to examine in detail the fundamental concepts in psychopathology. The course will concentrate upon the dynamics of the most common syndromes found in psychotherapy such as personality disorders, characterological problems, sexual deviations, depression, psychosomatic illness, hypertension, migraine headache, duodenal ulcer, alcoholism, drug abuse, human and animal models of psychopathology; learned

helplessness, socio-cultural and cognitive models of psychopathology, psychoses, and childhood psychopathologies.

PSY 814: ADVANCED HEALTH PSYCHOLOGY

This is an application of base psychological principles to illness prevention, health habits, health maintenance and health promotion. Attention will be focused on the relationship between health psychology and other fields, enhancing health and preventing illness, detrimental behaviours (smoking, alcoholism, sedentary habits, nutrition and behaviours, etc) and reasons for engaging in detrimental behavior. Becoming ill and getting medical/psychological treatment, health services, perceiving and interpreting health systems, using and misusing health services, patient-practitioner relationship, adhering to medical advice. **The hospital:** being hospitalized, psychological problems of hospitalized patients. **Stress management:** stress models and theories, stress reactions, coping and stress management techniques. Pain and its management, psychological reactions of a patient to loss, stages of loss acceptance, management of chronically and terminally ill, quality of life, social support, and rehabilitation.

PSY 815: FORENSIC AND LEGAL PSYCHOLOGY

Analysis and application of psychology to legal contexts: the extent to which psychologists assist and inform legal system and the collaboration between lawyers and psychologists. Processes in the courtroom with emphasis on biases introduced into courtroom decisions by judges, juries, police, attorneys, and defendants. Eye-witnesses testimony reliability, Psychological process of causal attribution. Free press and fair trial. Communication model of attitude change relevant to persuasion in the courtroom, survey of language style and the verbal control of witnesses, bargaining and negotiation issues. The mental state of the defendant and the influence of other defendant characteristics: personality, appearance, demeanor and prior criminal record on the trial jury and judge.

PSY 816: ADVANCED THEORIES OF STRESS, CONFLICT AND CRISES MANAGEMENT

This course exposes students to the major theories in stress, conflict and crisis management. It focuses on the theoretical explanations of the origin of stress, conflict and crisis, the experience and manifestation of stress and conflict/violence, biological, environmental and situational bases of stress and conflict. Major types of stress and conflicts, interpersonal, occupational, organizational, domestic, political, ethno-religious. Conflict prevention, management and resolution.

PSY 817: ADVANCED PSYCHOPHARMACOLOGY

The objective of this course is to make students aware of the wide range of addictive drugs available. To give all overview of some common symptoms of drug abuse and dependence. Special attention will be given to psychoactive drugs, problems of withdrawal, overdose, and the debilitating effects of drug use and abuse. Alcoholism and theories of alcohol dependence. Alcoholism and drug addiction in Nigeria society. Government and drug – issues and challenges e.g. NAFDAC activities, activities of NGOs and parents.

PSY 818: HUMAN RESOURCE MANAGEMENT AND PERSONNEL PSYCHOLOGY

Nature and scope of Human Resource Management, Human Resource Planning, Job Analysis, Job description, Job specification. Recruitment and Selection. Development of Human Resources: Types of training and Executive Development, Performance appraisal. Maintenance of Human Resource, Motivation and Reward System. Job evaluation. Compensation: Wage and salary, Incentive patterns, Collective Bargaining. Employee problems: Disciplining, Promotion, Transfer and Separation. Employee welfare safety. Industrial Counseling and Intervention Programmes. Human relations: Participative management, Quality circles, Total quality management, Industrial relations, Employee communication, Human Engineering, Working conditions, Improvement in work environment, International Human Resource Management.

PSY 819: ADVANCED PRINCIPLES OF INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY

Factors in work behavior and changes in world conditions that affect work lives. Organizational development in analyzing the structure of an organization, organizational growth and downsizing. Ergonomics and human machine interaction. Redesigning jobs to make quality of work life. Organizational theories, socialization process.

PSY 820: ORGANIZATIONAL BEHAVIOUR

Organizational Behaviour: Definitions, Fundamentals of Organizational Behaviour. Dynamics of people and organization. Theoretic Frameworks: Models and Approaches of organizational behaviour. Foundations of Individual Behaviour: Perception: Selectivity and Organization of perception. Personality: Meaning and Determinants of Personality, its influence on Organization. Learning: Principles, Reinforcement Schedules. Motivation: Types of Motives, theories of Motivation, Content and Process. Attitude: Components, Functions and Changing. Job Satisfaction: Determinants and Effects. Foundations of Interpersonal Behaviour. Groups: Meaning, Formation, Types, Team Building, Group Decision making. Leadership: Styles, Power and Theories of Leadership. Communication: Meaning, Types – Upward, Downward, and Interactive- process. Stress and Conflict Management, Stress: Individual and Organizational Stressors, Effects and Management of stress. Conflict: Types, Interpersonal and Intra-individual Conflicts- Conflict Resolution and Management. Organizational Culture: Functions, Organizational Change and its effects, Managing Change and Resistance to change. Organizational Structure, Organizational Behaviour Modification process, Quality of Work Life, Employee Assistance Programs.

PSY 821: LEADERSHIP AND EXECUTIVE DEVELOPMENT

Overview of research on leadership effectiveness and management. Theories of leadership perceptions, attitudinal view of leadership, gender and leadership, leadership and staff-managing, team, executive management and leadership, interpersonal aspect of leadership and executive management, ethical issues in leadership and executive management.

PSY 822: INDUSTRIAL MOTIVATION AND MORALE

Motivating the workforce. Improving morale and employee engagement. Theories of motivation, job satisfaction, job involvement and organizational commitment. Application of all the theories of organizational management in developing countries like Nigeria.

PSY 823: HUMAN DEVELOPMENT: THEORIES AND RESEARCH

This course will explore theory and research in the area of developmental psychology, including an emphasis on contemporary applications. Research topics will include family dynamics, child and adolescent development, and the impact of culture on human development. Students will also be exposed to current theory and methodologies. Specifically, the course will cover such topics as Basic Concepts, Aspects of Development, Life Span periods, Stages of Development, Principles of Development. Personality and Social issues in young adulthood, Parenthood, Career planning, Intimate relationship and personal life styles, work life, personal relationship in family and work life. Old age: Physical changes, Health problems, Memory changes, Work and Retirement. Adjustment to Old age: Personal Relations in Late life, Death Bereavement, Purpose and meaning of life.

PSY 824: CURRENT ISSUES IN DEVELOPMENTAL PSYCHOLOGY

Nature vs. Nurture – Culture and developmental crisis, Early experience vs. Later experience, Continuity vs. Discontinuity, Abnormal behavior vs. Individual differences, Commonality vs. Individual differences, Definitions and markers of developmental change (e.g. quantitative vs. qualitative change, directionality of development), Mechanisms of transition from one point in development to another, Development as a function of general vs. Domain-specific processes, Specific models of human development (e.g.,

ecological model), Universality vs. cultural relativity, and the role of context on development, Interplay between theory and empirical research findings. Research designs (e.g., strengths and weaknesses of cross-sectional and longitudinal research designs), strengths, weaknesses, and applicability of descriptive (e.g., correlational) and explanatory (e.g., experimental) research methods, Interplay between basic and applied research.

PSY 825: ADVANCED CHILD PSYCHOLOGY

Introduction to children's development, Historical views of child development – early views of childhood, the modern study of child development. Research in children development – Research methods for collecting data, Research designs, Careers in Children development, Biological beginnings, prenatal development, Birth, physical, social, cognitive, emotional & Language developments at infancy, early, middle and late childhood.

PSY 826: ADVANCED ADOLESCENT PSYCHOLOGY

Adolescence in the Life-Span Perspective – Definition and context, Characteristics of adolescence, Puberty. Theories of Human Development (in the context of adolescence) – Psychoanalytic theories, Cognitive theories, Ecological theories, Behavioural theories. Physical and Cognitive Development in Adolescence. Socio-emotional Development in Adolescence. Cross-cultural Comparison in Adolescence. Research methods in adolescence psychology – Research designs, Methods of data collection. Issues in Adolescent Health – General overview of adolescent health, Nutrition, Exercise and Feeding Disorders, Substance use and abuse, Sexual Health and Teenage Pregnancy.

PSY 827: GERONTOLOGY/ADVANCED LATER LIFE DEVELOPMENT

Gerontology in the Life-Span Perspective – Definition and context, Characteristics of late adulthood/old age. Physical and Cognitive Development in old age. Socio-emotional Development in old age. Aging and Mental Health. Aging and Physical Health – Health concerns in old age, Hospice and care homes. Work and Old Age – Retirement, Post retirement occupations. Death and Dying – Cross cultural approaches to death, Euthanasia; Concepts and Issues, The grieving process. Research methods in Gerontology

PSY 828: ADVANCED CHILD PSYCHOPATHOLOGY

An assessment of the major forms of childhood disturbances, issues, theories and research. Assessment of child abnormal behaviour from developmental and psychological perspectives. Case history reviews and laboratory experiences.

PSY 829: ADVANCED THEORIES OF LEARNING & CONDITIONING

Behavioural learning – Learning by classical conditioning – Pavlov's model – Conditioning concepts – Thorndike's Experiments – Learning by operant conditioning – Skinner's experiment – Waston's contiguity theory. Cognitive learning – History of cognitive learning – Insight – Cognitive map theory – Piaget's theory – Bruner's cognitive view of discovery learning – Vygotsky's cognitive views of learning – Cognition and peripheral Nervous system – Cognition and central Nervous system – Human reasoning. Social Learning – Banduar's view on social learning – Bandura's experiment – Process of imitation learning – Modelling media and social behavior – Group and social influences on learning – The society, culture and learning – Theories of learning. Humanistic Learning – Origin of humanistic education – Carl Rogers and his client-centered approach – Arthur Combs and his belief modification approach – Gestalt Approach – Existential approach – Evaluation of the appropriateness of humanistic learning techniques.

PSY 830: ADVANCED THEORETICAL & APPLIED PSYCHOMETRIC

Psychological measurement: Nature, general theory, and levels of measurement. Modern psychophysical theory: Law of comparative judgment, Steven's power law, and signal detection theory. Psychological scaling: Nature, methods – paired comparisons, rank order, equal appearing interval,

fractionation. Multidimensional scaling – methods and applications. Theory of Psychological Tests: Problems of measurement by tests, types of test scales, theory of test scores – rationale of reliability and validity, test length and reliability - validity. Speed and power problems. Reliability: Meaning, methods of estimate, and sources of unreliability. Validity: Meaning, Types and procedures, and factors affecting validity. Theory of measurement error: Domain sampling model, model of parallel tests; perspectives on two models, precision of reliability estimates, deductions from the domain sampling model.

PSY 831: ADVANCED SOCIAL PSYCHOLOGY

Basic concepts in social psychology, Social Psychology in the new millennium, Research Methods in Social Psychology: Systematic, Correlation and Experimental Methods. Social Perception. Attribution: Understanding the causes of others Behaviour. Social Cognition. Groups: Types and formation, Theories of Group Formation, Group Decision making, Group Think. Interpersonal attraction, Social Influences: Conformity, Compliance, Obedience. Prosocial Behaviour. Attitude: Components, Formation, influence on Behaviour, Attitude change, Cognitive Dissonance. Prejudice: Discrimination in Action, Origin, Methods to reduce it. Aggression: Theories of Aggression, Types of Aggression, Determinants of Aggression, Environmental causes, prevention and control of Aggression. Environmental Influences: The urban environment and social behaviour, Environmental Stress. Personal space, Territorial behaviour, Territorial dominance, Crowding.

PSY 832: SOCIAL BEHAVIOUR

This course is designed to explore the concepts in social behaviour (psychology) methods of research and theory formation, social structures; attitude and attitude change; aggression and its management, group decisions, performance and leadership effectiveness. The social behaviour of institutions – family, educational, medical, religious, legal and so on.

PSY 833: PSYCHOLOGY OF SOCIAL CHANGE AND REFORM

The course will examine an array of forces bringing about social change and the impact of those changes on individuals, families, communities and societies. The course will draw on a number of disciplines from the field of health and social sciences. There will be an emphasis on research informed teaching. The course provides students with enhanced employability via placement learning opportunities. Application of research findings to devise workable public policy solutions to current and emerging problems. Creating a dynamic focal point for research, analysis and debate across academic and policy divides and helping to educate a generation of graduates by increasing their awareness of the complexities of social change.

PSY 834: SOCIAL PSYCHOLOGICAL ANALYSIS OF INDUSTRIES & ORGANIZATIONS

The course covers how peoples' thoughts, feelings and behaviours are influenced by others at work. Prosocial behavior, counterproductive behavior in industry, socialization and mentoring, group processing, employee work attitude, stereotyping and discrimination, leadership climate and culture, organizational demography, organizational performance, reward and recognition, conflict resolution.

PSY 835: PSYCHOLOGY OF UNION MANAGEMENT RELATIONS

The course is designed to examine contemporary issues in industrial relations. Theories of industrial relations; history of union – management relations; the social psychology of collective bargaining, principal actors in industrial relations; Nigeria Labour Congress (NLC) in focus; grievances and procedures; conflict resolution; industrial and labour harmony; Unions and their effect on behaviour in organization.

PSY 836: PRACTICUM IN CLINICAL PSYCHOLOGY

The Clinical Practicum is a six-month intensive and supervised internship programme to be undertaken by students in the clinical unit. Students are expected to spend three-months in Neuropsychiatric Hospital, Aro, Abeokuta (or Yaba, Lagos). The remaining three months are to be spent visiting other settings where emotionally disturbed people are being cared for. These include rehabilitation centers, juvenile remand homes, the prison and other penal institutions, the social welfare department, and teaching hospitals. Students shall present a detailed report at the end of the exercise, which shall form the basis for assessing the students (in addition to supervisors' reports).

PSY 837: PRACTICUM IN INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY

The Practicum in Industrial/Organizational Psychology is a six-month intensive and supervised internship SIWES programme to be undertaken by students in the I/O unit. Students are expected to spend six months in an industrial setting of their choice, subject to the approval of the head of I/O unit. Students shall present a detailed report at the end of the exercise, which shall form the basis for assessing the students (in addition to supervisors' reports).

PSY 838: PRACTICUM IN DEVELOPMENTAL PSYCHOLOGY

The Practicum in Developmental Psychology is a six-month intensive and supervised internship programme to be undertaken by students in the developmental psychology unit. Students are expected to spend the six months various settings such as rehabilitation centers, juvenile remand homes, the prison and other penal institutions, home for the disabled, motherless' children homes and orphanages, the social welfare department, and pediatric departments in teaching hospitals. Students shall present a detailed report at the end of the exercise, which shall form the basis for assessing the students (in addition to supervisors' reports).

PSY 839: PRACTICUM IN SOCIAL PSYCHOLOGY

The practicum in social psychology is designed to acquaint the student with the current social issues and problems in the society. Practical approaches to solving the social issues and problems. Students are expected to spend six months in a social setting of their choice subject to the approval of the Head of department. A detailed report is expected to be presented at a seminar at the end of the exercise to constitute part of the continuous assessment.

PSY 899: RESEARCH PROJECT

Students are allowed to take up a Research Project during the second year of their study and it can be done concurrently with the practicum / SIWES. The objective of the project is to help the student develop ability to apply various psychological concepts, tools and techniques to solve day-to-day life problems. Students are free to conduct experimental studies, surveys, or case studies. Students are guided to select projects of their interest in consultation with their supervisors. The Dissertation may be organized into five chapters. Two typed, soft-bound copies of the project are to be submitted to the department while the candidate retains one copy for the oral examination (VIVA). The project supervisor and an external examiner will evaluate the project for a maximum of 100 marks, after factoring in the results of the VIVA.

6.7 MINIMUM REQUIREMENTS FOR THE AWARD OF DEGREES

MASTER OF PHILOSOPHY/DOCTOR OF PHILOSOPHY (MPhil/PhD) PROGRAMME

Candidates shall pass PSY 901 and PSY 902 plus a minimum of 6 units of courses at 900 level or 800 level courses not previously passed during the candidates' Master programme. In addition, MPhil/PhD candidates shall take a conversion examination, which shall consist of a supervised mini-project (to be examined in a VIVA). To be successfully converted into the full PhD programme, MPhil/PhD candidates

must obtain at least 60% in at least 12 units of course work (including PSY 901 and PSY 902) and the conversion examination.

DOCTOR OF PHILOSOPHY (PhD) PROGRAMME

Candidates shall pass PSY 901 (except candidates who have previously passed the course during the MPhil/Ph. D programme) and present at least two seminars during the first session of registering for the programme after which they shall defend their Ph. D. proposal at a Departmental seminar. Candidates shall also defend their proposal before a select Departmental panel consisting of postgraduate lecturers in the candidates' areas of study before going to field. After collecting and analyzing his/her data, the candidate shall present a post-field Departmental seminar. After successfully defending the work at the Departmental seminar, the abstract of the thesis shall be forwarded to the College Postgraduate Committee for registration of abstract and onward transmission to the Postgraduate School. After necessary procedures must have been followed, the candidate shall defend the thesis before a six-man panel (consisting of the HOD, the Thesis Supervisor, the External Examiner, the Sub-Dean PG, the Departmental PG Coordinator and the Internal-External Examiner). The degree of Doctor of Philosophy shall be awarded if the candidate is adjudged to have satisfactorily defended the thesis, effected all corrections and satisfied other requirements stipulated by the PG school and the university.

6.8 COURSES REQUIREMENT FOR MPhil/PhD PROGRAMME

Core/Compulsory Courses

Course Code	Course Title	Units	Status
PSY 901	Research Seminar in Psychology	3	C
PSY 902	Psychological Assessment and Testing	3	C
	Electives		
PSY 903	Seminar in Mental Health*	3	E
PSY 904	Seminar in Advanced Lifespan Psychology**	3	E
PSY 905	Personnel Management***	3	E
PSY 906	Industrial Relations****	3	E

- * Compulsory for Clinical Psychology
- ** Compulsory for Developmental Psychology
- *** Compulsory for Industrial/Organizational Psychology
- **** Compulsory for Social Psychology

6.9 COURSE DESCRIPTION MPhil/PhD

PSY 901: RESEARCH SEMINAR IN PSYCHOLOGY

The research seminar in psychology provides students with practical issues and hands-on experience related to their academic work. Course objectives include: (a) providing a collegial setting in which students can develop essential communication skills for scholarly and professional discourse, (b) providing an opportunity for sharing research findings and discussing current research plans, (c) stimulating discussion about recent or on-going research projects, research methodologies, and future research possibilities; and (d) providing constructive suggestions to students who are finalizing research plans for a thesis or preparing to present results of their research in the department or at a conference.

PSY 902: PSYCHOLOGICAL ASSESSMENT AND TESTING

Definition and Purpose. Assessment Principles: Objectivity, Standardization, Reliability, Validity, Norms. Instrument selection, Administration, Scoring and Communicating Results. Ethical & Social Considerations in Testing: User qualifications, Testing instruments and Procedures, Protection of Privacy, Confidentiality. Steps in test construction, Item Writing: types of items, General guidelines for item. Writing Item Analysis: Meaning and Purpose, Item difficulty, Item validity, Internal consistency, Item analysis of Power and Speed Tests.

PSY 903: SEMINAR IN MENTAL HEALTH

This course is a three-hour weekly seminar. The course examines contemporary research on emotional and mental health, as well as advanced theoretical, methodological, and applied issues. Topics include affect regulation, conceptualizations of mental health and disorder, and models of causes (including etiological, protective, mediating, and maintaining variables) of psychopathologies and their implications for empirically-supported psychological treatments. Every student is expected to present at least two seminars before the end of the semester.

PSY 904: SEMINAR IN ADVANCED LIFESPAN PSYCHOLOGY

This course is a three-hour weekly seminar which will explore theory and research in the area of developmental psychology, including an emphasis on contemporary applications. Research topics will include family dynamics, child and adolescent development, and the impact of culture on human development. Students will also be exposed to current theory and methodologies.

PSY 905: PERSONNEL MANAGEMENT

Definition of Personnel management, Concept, Terminology, Objectives – primary and Secondary Objectives, pre – requisites, impact of environment on organizational objectives, Tools, techniques and methods needed to achieve the objectives. Processes –systems approach to personnel management. Changing Scope of personnel management. Personnel Management in Nigeria – genesis and Growth, Functions of Labour Welfare officer, Impediments to the progress of Personnel management in India, Professionalization of personnel management, Future role of Personnel manager in Nigeria. General and specific, Personnel administration and industrial relations, On the basis of capacities, Functions according to the degree of authority. Managerial functions, Operative Functions, Personnel Functions. Functions of employee welfare and personnel Administration. Functional Areas – Organizational planning and development, Staffing and employment, Training and development, Compensation wage and salary administration and Employee services and benefits, Employee records, Labour relations, Personnel research and personnel audit. Human Resource Planning: - manpower planning, need, benefits and components. Recruitment and selection process: sources, Methods, practices. Selection procedure – Application blanks, Testing and interviews. Promotions – purpose, types, and systems. Transfer – purpose and procedure. Demotions – causes of demotions. Executive Development: Purpose and objectives. Components, programmes and methods of executive development. Performance Appraisal: importance and purpose and approaches.

PSY 906: INDUSTRIAL RELATIONS

Definition, Importance & Scope. Concepts – scope and philosophy of industrial relations. Industrial relations – dimensions of the problem, emergence of the labour force, Industrial relations and five-year plans. Trade Union-Growth, Objective, Function & Role in globalize Content. Governmental Measures Labours Management – Role of Personnel & Industrial Relations Manager in Promoting & Establishing peaceful industrial relations. Functional requirements of a successful relations programme. Forms and types of disputes. Nature of Industrial Dispute, Causes of Industrial Dispute, Types of conflict Resolution – Statutory & Non-Statutory. Collective Bargaining – Meaning, Characteristics, Need, Importance, Process, Pre-requisites. Workers Participation in Management: Concept & Pre-requisites. Forms & Levels of Participation, Benefit of workers participation in management, Role of workers participation in Labour welfare & Industrial hygiene Causes of Industrial Dispute.

7.0 MASTERS IN MANAGERIAL PSYCHOLOGY (MMP)

The Masters in Managerial Psychology is a Psycho-technological aspect of organizational and industrial management. The course intends to equip candidate with essential knowledge needed to achieve a high-level competence in the areas of administration, marketing, human engineering, logistic and politics and governance. Conflict management and resolution and other human related issues in formal organizations will be dealt with in the programme. The course is meant for managers or intending human administrators with at least five years-experience in industrial or organizational management.

7.1 ADMISSION REQUIREMENTS

Candidate must possess at least any of the following: qualifications in addition to UME requirements for first degree programmes in Redeemer's University.

1. An honors degree in Psychology or its cognate discipline.
2. An Higher National Diploma (HND) in related discipline
3. Any of the underlisted professional qualifications:
AIB, ACA, ACCA, ACIS, ICAN or any similar professional qualifications recognized by Redeemer's University.

7.2 DURATION OF THE PROGRAMME

The minimum duration for the MMP programme is four semesters including six months of Industrial attachment (Internship/Practicum) in a reputable and relevant industry/organization.

7.3 MINIMUM REQUIREMENTS FOR THE AWARD OF DEGREES

The requirement for graduation for Master in Managerial Psychology (MMP) are as follows:

Core/Compulsory Courses	-	15 units
Elective Courses	-	12 units
Seminar	-	3 units
Practicum/Internship	-	3 units
Project	-	6 units
Total	-	39 units

7.4 CLASSIFICATION OF DEGREE

	Weighted Average	Class of Award
1	70%+	Distinction / Excellent
2	60% - 69%	Credit
3	55% - 59%	Merit
4	50% - 54%	Pass

7.5 COURSE REQUIREMENTS

Core/Compulsory Courses

Course Code	Course Title	Units	Status
	Core Course		
MMP 801	Psychological Principles of Management	3	C
MMP 802	Research Methods in Psychology	3	C
MMP 803	Psychology of Personnel selection, placement and management	3	C
MMP 804	Applied Statistics	3	C
MMP 805	Social-cultural factors in Organizational management	3	C
	Seminar		
MMP 806	Seminar in issues of Psychology of organizational management in Nigeria	3	C
	Practicum		
MMP 807	Practicum in Managerial Psychology	3	C
	Electives		
MMP 808	Organizational Behaviour	3	E
MMP 809	Performance Evaluation	3	E
MMP 810	Psychology of Conflict Management in Industries and Organizations	3	E
MMP 811	Organizational Change and Development	3	E
MMP 812	Decision making	3	E
MMP 813	Leadership and Executive Development	3	E
MMP 814	Communication Processes	3	E
MMP 815	Occupational stress	3	E
MMP 816	Psychology of power and politics in industrial and organizational management	3	E
MMP 817	Psychology of Marketing and Advertisement	3	E
MMP 818	Psychological Principles applied to financial management and policy		
MMP 819	Psychology of motivation and morale in industries and organizations	3	E
MMP 820	Industrial and Organizational Psychopathology	3	E
	Project	3	E
MMP 899	Industrial Project	6	C

7.6 COURSE DESCRIPTION

MMP 801 Psychological Principles of Management

A sound undertaking of theory and research and professional skills in organizational theory such as classical, human relations and contingency to issues in the 21st century in the work organization. Developments and trends in organizational structure and design. Relevance to management and behavior in organization.

MMP 802: Research Methods in Psychology

Scientific Method and its goals, Research process, Criteria of good Research, Research problem, Hypotheses and testing of Hypotheses Research Designs, Sampling and Sampling techniques, Sample size and its determination, Research Methods (Survey, Experimental, Exploratory, Case study, Cross sectional and longitudinal methods), Different types of tools- Observation, interview, questionnaire, check list, inventories, etc, Reliability, Validity, objectivity and practicability. Research Proposal, Significance of Report writing, Steps in writing report, Types of Reports, Role of computers in Research.

MMP 803 Psychology of Recruitment, Personnel Selection and Placement Management

The course explores how candidates are attracted to various organizations, factors that affects effective recruitment, devices for selection, steps involved in selection processes and techniques of placing the right employee on the right job. This course provides students with a thorough theoretical and practical grounding in the employment processes in Nigeria and overseas.

MMP 804: Applied Statistics

Concept of probability; Probability distribution - Normal, Poisson, Binomial. Descriptive statistics - Central tendency, dispersion, skewness and kurtosis. Simple linear regression and correlation. Basics of testing of hypothesis: Null hypothesis, alternate hypothesis, type I and type II errors, level of significance, power of the test, p-value. Concept of standard error and confidence interval. Tests of significance - "t" test, normal test and "F" test. Non-parametric statistics - requirement of non-parametric statistics, Mann-Whitney U-test, Wilcoxon test, Spearman's rank correlation coefficient. One-way and Two-way analysis of variance, analysis of covariance, repeated measures analysis of variance. Multivariate analysis: Introduction, Multiple regression and correlation, logistic regression, factor analysis, cluster analysis, discriminant function analysis, path analysis, MANOVA, Canonical correlation, and Multidimensional scaling.

MMP 805 Socio-cultural Factors in Organizational Management

Trends in changing work place such as sex, age, ethnic group, physically challenge. Trends in changing work place e.g. virtual organization, joint ventures. Perceptual discrimination and limitation of minority groups in the organization. Psychology of women, marginalization and organizational injustices. Youth unemployment. Culture and dress code.

MMP 806 Seminar in Issues of Psychology of Organizational Management in Nigeria

Topical issues and challenges of employees and employers, the work place, the environment and productivity. Violence in work place, protégé and mentor, quality work life. Significant changes in world conditions that affect work behavior such as technology, climate change, economic meltdown, terrorism or militancy, cross-cultural factors impacting on work behavior as organizational culture.

MMP 807 Practicum in Managerial Psychology

Students will undergo months intensive practical experience in industries, organizations or institutions. The practicum will be supervised by department.

MMP 808 Organizational Behaviour

Understanding Organizational Behaviour and theory, Theoretical concepts, Functional Analysis, Workforce Diversity, managing for Quality, the Global Environment of Organizations, Ethics and Behaviour in organization, Perception, Attitudes, Organizational culture, Knowledge management.

MMP 809 Performance Evaluations

The course is designed to examine the systematic processes of appraising employee's contributions to the goods and objectives of the organization. Topics to be covered include - definition of concepts in performance evaluation, types, uses and challenges of performance evaluation in Nigeria and abroad.

MMP 810 Psychology of Conflict Management in Industries and Organizations

This course will explore various methods for dealing with inner, inter-personal and group conflict. Students will investigate the theoretical and practical aspects of situation assessment, conflict management, negotiation and mediation. The course provides opportunities for students to improve their communication, critical thinking and problem-solving skills.

MMP 811 Organizational Changes and Development

This course provides an overview of the Organization Development approach to change in human system. Topics to include: fundamental and emerging theories and theorists; core concepts, tools and practices; ethics and value, use of this knowledge in multiple roles (consultation manager, change agent); leadership and OD; adult learning theories and change management.

MMP 812 Decision Making

Overview of decision making strategies, the process of decision making, models of decision making, individual and group decision making, judgement biases, groupthink, methods of improving decision making in organizations, international aspects of decision making and problem solving, ethical issues in decision making and problem solving.

MMP 813 Leadership and Executive Development

Overview of research on leadership effectiveness and management. Theories of leadership and approaches to leadership. Alternative views of leadership, leadership perceptions, women, men and leadership, leadership and self-managing team, executive management and leadership, inter-personal aspects of leadership and executive management and ethical issues in leader and executive management.

MMP 814 Communication Processes

The course is designed to enable students understand the nature and function of communication in organizational settings. Students will be exposed to the rudiments of communication theory and a survey of communication contents (such as interpersonal, small group, organizational, public, mass and intercultural).

MMP 815 Occupational Stress

Stressful work conditions are harmful to employees and negative impact on organizational effectiveness. Work place stressors such as role. Relationship between quality work life and productivity. Job satisfaction and alienation from work. Managing work related stress.

MMP 816 Psychology of Power and Politics in I/O Management

Power, politics and political behavior, the positive side of organizational politics, organizational citizenship behavior, organizational politics and stress, international aspects of political behavior in organizations, ethical issues about political behavior in organizations, personal and management implications.

MMP 817 Psychology of Marketing and Advertisement

Basic principles of perception, attention or learning of how consumer filter in and out information about products or brands. Research methods in consumer psychology, consumer decision making, attitudes

and persuasion. Types of advertising appeals including online. Consumer behavior and motivation. Advertising to different groups such as children, race that progresses towards inter-personal, cultural groups that the individual operates.

MMP 818 Psychology Principles Applied to Financial Management and Policy

Overview of criticism of the concepts of maximization of wealth, goals and functions of finance. Financial and dividend policies, short-and-long term financing. Psychological implications of business failure and re-organization.

MMP 819 Motivation at Work

The course is design to examine employee's needs and expectation at work. Focus on courses and consequences of motivation. Survey of theory (e.g. equity theory, expectancy theory) and research with respect to morale and motivation of employees and management. Understand job attitudes (e.g. satisfaction and commitment) and outcomes.

MMP 820: Industrial and Organizational Psychopathology

Organization from human perspective, goals/needs of organizations, human needs, liabilities and assets, disparities between organizational needs and human nature and needs, occupation hazards/safety services of psychopathology in the organization, types of occupational psychopathology – the neurotic behaviours, personality disorders, sexual disorders, psychosomatic diseases, stress related diseases, drug addiction, etc. Prevention and management of organizational psychopathology.

8.0 POSTGRADUATE DIPLOMA IN SOCIAL WORK

8.1 OBJECTIVE OF THE PROGRAMME

The postgraduate Diploma in Social Work (denoted as PGD SOW) is designed to meet an increasing professional demand for professionally qualified social workers. It is therefore expected to attract students, from various academic backgrounds, who desire to train and practice as qualified social workers. The aims of the Postgraduate Diploma Programme in Social Work are therefore to provide:

1. persons holding degrees other than in social work, with the knowledge and skills of social work so as to develop their professional competence;
2. social work graduates with advanced knowledge and skills that can lead to a Masters (M.Sc.) and Ph.D. in specialised fields of social work;
3. students with appropriate knowledge in social work theory, skills, social policy and courses specific to social work settings that will enhance their proficiencies in promoting social change, problem-solving, and many other areas of social intervention.

8.2 ADMISSION REQUIREMENTS

1. The basic UTME requirements for admission into the Department of Behavioural Studies (BES), Redeemer's University, i.e. a minimum of 5 O'level credit passes in English Language, Mathematics, and any one out of Economics, Geography or Government plus any other two subjects in Senior Secondary Certificate Examination (SSCE), General Certificate of Education (GCE) or NECO or their equivalents at not more than two sittings; and

2.(i) A minimum of Third Class (Honours) Bachelor's Degree or its equivalent in any discipline from a recognised University;

or

(ii) relevant professional qualifications such as HND in Social Work or other related disciplines with a minimum of lower credit;

or

(iii) Any approved relevant equivalent professional qualifications, (to 'i' or 'ii' above) with a minimum of lower credit, recognised by the Senate of Redeemer's University.

3. Submission of a complete official transcript indicating the award of any of the degrees specified in '2' or '3' above.

8.3 STRUCTURE OF THE PROGRAMME

The course content of the programme consists of thirteen (13) courses, including seven (7) compulsory and six (6) electives which should correspond with a students' desired area of interest/specialisation. Four (4) of the compulsory courses carry three (3) units, while three (3) as well as the electives carry two (2) units. The PGD (SOW) Long Essay is assigned six (6) units and it has a compulsory status. In all, the programme carries a minimum total of 36 credit units.

Course Requirements

Compulsory Courses

Code	Title	Units
SOW700	Research Project	6
SOW701	Introduction to Social Work	3
SOW702	Statistics for Social Work	3
SOW703	Research Methods in Social Work	3
SOW 704	Human Growth and Development	2
SOW705	Theories of Social Work	3
SOW 706	Social Problems and Social Work	2
SOW 727/728	Practicum	2

Electives/Areas of Specialisation

SOW 707	Addictions and Substance Abuse	2
SOW 708	Abnormal Behaviour	2
SOW 709	Law and Society	2
SOW 710	Law Enforcement and Correction	2
SOW711	Crime and Juvenile Delinquency	2
SOW 712	Gender-Based Violence	2
SOW 713	Family Dynamics	2
SOW714	Child Welfare Policy and Practice	2
SOW715	Perspectives on Ageing	2
SOW716	Geriatric Care	2
SOW717	Theories and Methods of Social Rehabilitation	2
SOW 718	Disability, Health and Stigmatisation	2
SOW719	Social Policy and Social Planning	2
SOW 720	Organisation and Administration of Social Welfare	2
SOW 721	Health and Social Work	2
SOW 722	Conflict Resolution and Peace Building	2
SOW723	Emergencies and Disaster Management	2
SOW 724	Issues in Social Service Delivery	2
SOW 725	Community Organization and Administration	2
SOW 726	School Social Work	2

8.4 GRADUATION REQUIREMENTS

To qualify for the award of the PGD (SOW) Degree, a candidate is expected to meet the following requirements:

1. Has at least 70% class attendance.
2. Take a minimum of 36 credit units of courses which should comprise of:
 - i. Eighteen (18) credit units of core/compulsory courses;
 - ii. Minimum of Twelve (12) credit units of Elective Courses;
 - iii. Six (6) credit units of an acceptable Long Essay based on research carried out in a student's area of interest.
3. Pass a three hour written examination at the end of each relevant semester on all the courses taken with a minimum score of 50%
4. Pass in the six-unit original essay (which must be on an approved subject) to be submitted at the end of the last semester (second or as the case may be) on the programme. The original essay shall not exceed 15,000 words or 150 pages and shall be examined by the supervisor, the Department and an external examiner.

8.5 COURSE CONTENT/LISTING

First Semester:

S/N	Code	Title	Unit	Status
1	SOW701	Introduction to Social Work	3	C
2	SOW703	Research Methods in Social Work	3	C
3	SOW705	Theories of Social Work	3	C
4	SOW707	Addictions and Substance Abuse	2	E
5	SOW709	Law and Society	2	E
6	SOW711	Crime and Juvenile Delinquency	2	E
7	SOW713	Family Dynamics	2	E
8	SOW715	Perspectives on ageing	2	E
9	SOW717	Theories and Methods of Social Rehabilitation	2	E
10	SOW719	Social Policy and Social Planning	2	E
11	SOW721	Health and Social Work	2	E
12	SOW723	Emergencies and Disaster	2	E
13	SOW 725	Community Organization and Development	2	E
Total: *Courses: 6 (3 Compulsory; 3 electives in area of interest).				
**Units: 15 (9 units of compulsory, 6 units of electives)				

Second Semester:

S/N	Code	Title	Unit	Status
1	SOW702	Statistics for Social Work	3	C
2	SOW704	Human Growth and Development	2	C
3	SOW706	Social Problem and Social Work	2	C
4	SOW708	Abnormal Behaviour	2	E
5	SOW 710	Law Enforcement and Correction	2	E
6	SOW712	Gender Based Violence	2	E
7	SOW714	Child Welfare Policy and Practice	2	E

8	SOW716	Care of the Elderly	2	E
9	SOW718	Disability, Illness and Stigmatisation	2	E
10	SOW 720	Organisation and Administration of Social Welfare	2	E
11	SOW722	Conflict and Peace Building	2	E
12	SOW724	Issues in Social Service Delivery	2	E
13	SOW726	Principles and Practice of formal and informal Education	2	E
14	SOW 727/728	Practicum	2	C
15	SOW 700	Project	6	C
Total: *Courses: 8 (5 Compulsory; 3 electives in area of interest). **Units: 21 (15 units of compulsory, 6 units of electives)				

8.6 COURSE DESCRIPTION

SOW 700: Project

A PGD SOW student is expected to undertake an in-depth study of a topical issue of interest in social work. The project is expected to be completed by the end of the second semester.

SOW 701: Introduction to Social Work

The course introduces students to social work practice through an exploration of the history, principles, philosophical foundation and theoretical perspectives of the profession of social work. It also presents a review of the relevant codes of ethics and practice standards that guide practitioners; an overview of the roles of social workers, for example, as advocates, policy analysts, administrators, activists, educators, counselors, facilitators, mediators, organizers and researchers. Given that social justice is of a major concern in social work, the course examines the social structure influencing people's lives and how various sources and forms of oppression and marginalization impact the lives of people in the society. The course also delineates and explains the various fields of social work.

SOW 702: Statistical Methods for Social Work

The course is on basic concepts in statistics and the applicability of statistics to social work. It focuses on types of statistics, introduction to inferential statistics – probability theory, probability distribution, hypothesis testing, statistical techniques such as t-test, chi-square, regression and factorial analysis, table construction, etc.

SOW 703: Research Methods for Social Work

The course is intended to assist students to understand appropriate data gathering and research methods for needs and impact assessment, project design, monitoring and evaluation. It will expose students to social work processes; concepts of social case work, group work and community services; methods of empirical research in social work; and techniques of Report Writing

SOW 704: Human Growth and Development

The focus of this course is an examination of human development from a life span perspective with emphasis on some pertinent demands in different contexts. Ecological, cognitive developmental, psychosocial and Freudian theories and perspectives among others will be analysed for their relevance in explaining developmental outcomes and trajectories and their implications for social work practice.

SOW 705: Theories of Social Work

The course is a critical analysis of some of the major theories of social work practice, social welfare development and social welfare administration and the applicability of these theories to the methods of planning, implementing, administering and evaluating social services delivery in the Nigerian context. The traditional modes of coping with social problems will be examined.

SOW 706: Social Problems and Social Work.

The course explores the causes, types, processes and consequences of social problems; theoretical explanation of social problems; a critical analysis of social problems in Nigeria (e.g. homelessness, Human and Drug addiction and Trafficking, crime, alcoholism, child abuse/labour, gender based violence, rape and sexual harassment, abduction, terrorism and insurgency, etc. among others).

SOW 707: Addictions and Substance Abuse

The nature of drug and substance abuse with its physical, social and psychological impact on individuals and families will be discussed in this course. The focus is on the assessment of drug, alcohol and substance use problem for effective intervention. Principles and techniques of individual and family therapy using a systemic perspective; a survey of various treatment programmes for relevant rehabilitation; current trends and highlights of major treatment philosophies; and critical analysis of alternative models of treatment of drug, alcohol and substance abusers will be the main content.

SOW 708: Abnormal Behaviour

The course analyses the relationships between personality and psychology; psychological dysfunctions, mental disorder, behaviour pathology and the relevant psychotherapies; self-theory, psychoanalytic assessment, self-concept and alienation. The concept of motivation will also be examined.

SOW 709: Law and Society

The course deals with the relationship between law (as an institution) and society. A critical analysis of the relationship between law and social structure; legislation, law enforcement, and the public will also be examined. Particular attention will be paid to the discussion of law and conflict resolutions, judicial behaviour, and the legal profession.

SOW 710: Law Enforcement and Correction

The course is a critical analysis of the objectives, structure and functions of the various institutions established for law enforcement and correctional care and rehabilitation services; the welfare of inmates in and outside the institutions; community-based corrections, probation and victim assistance programmes.

SOW 711: Crime and Delinquency

The course discusses crime and delinquency as concepts and social problems; related theories, differences between crime and delinquency; causes, types and prevention; current trend and pattern; problems of record-keeping, retrieval and utilization crime statistics with special reference to the use of modern techniques and specific cases.

SOW 712: Gender Based Violence

The course focuses on the causes, forms, types, consequences and effects of gender-based violence. The treatment and prevention of violence and abuse especially as it concerns social work(ers) are identified and examined.

SOW 713: Family Dynamics

The course offers an x-ray of the meaning, origin, types, structure and functions of family; distinction between family and household; emerging forms of family; crisis in family; family needs and services;

policies and programmes for meeting these needs (e.g. adoption, family planning, child custody and support etc.); family development and its impact on the delivery of relevant social work. It also explores interactive relationships between families and socio-cultural, political and economic institutions to enhance the understanding of the contemporary Nigerian family life.

SOW 714: Child Welfare Policy and Practice

The course deals with the critical appraisal of relevant international, regional and national legal scheme, conventions, declarations, programmes and services for the guarantee of child's right and welfare. It provides an analysis of social intervention in the area of child welfare; the success or otherwise of child welfare policies, programmes and services especially in Nigeria.

SOW 715: Perspectives on Ageing

The course presents the theoretical analysis of ageing; definition and determinants of ageing; transition and problems of ageing; comparative analysis of human maturity, ageing, and death as perceived in different cultures. Current international policies and legislation are examined and evaluated.

SOW 716: Care of the Elderly

The course provides an overview of relevant theories e.g. role and modernisation theories; roles of the elderly; the traditional values of familial responsibility towards the elderly; the needs of the elderly; attitude towards the elderly; institutions for elderly care and caring systems in different cultures, with emphasis on traditional and modern Nigerian society; social policy for the elderly; retirement and its challenges; care-giving enabling and preventing characteristics of givers and receivers of care; geriatric counselling; intervention with the terminally ill and the dying.

SOW 717: Theories and Methods of Social Rehabilitation

The course focuses on relevant theoretical perspectives to the understanding of the situation of the displaced, stigmatized, the vulnerable, and the marginalized and disadvantaged persons. The role of individual counseling, community organization and social policy research and planning in the rehabilitation of these groups will be examined. Attention will be paid to special categories of people needing rehabilitation.

SOW 718: Disability, Illness and Stigmatization

In this course, students are to analyze the problems, coping strategies and management of sufferers of disability (e.g. deafness/dumbness, blindness, etc.) and stigmatizing illnesses (e.g. HIV/AIDS, leprosy, terminal illness, mental illness, amputees etc.). It also appraises the role of the family and community in the rehabilitation of such sufferers.

SOW 719: Social Policy and Planning

The course examines the various models of social policy, planning and development; the impact of planning philosophy, adequacy of information system, availability of resources, extent of citizen participation, and the relationship between levels of government with social policy formation; policy and development planning efforts (and the challenges) in Nigeria since 1960.

SOW 720: Organization and Administration of Social Welfare

The course analyses the major dimensions of social welfare services; the principles, functions and methods of administering social welfare services; organization and administration of social welfare in traditional, transitional and modern societies; social welfare in pre-colonial, colonial and post-colonial Nigeria; and the impact of colonial leadership, military leadership and democracy on social welfare in Nigeria.

SOW 721: Health and Social Work

The course attempts a critical appraisal of the characteristics of health, social services and social work; the concept of health and illness; healthcare delivery as a social problem; priorities in health needs; traditional and modern healthcare delivery system and their respective impacts; gender, race and ethnic differences and sexual orientation in relation to health and social work; common responses to traumatized patients and the role of the social worker in offering complimentary services alongside medical professionals; the principle of counseling for stigmatizing patients; the role of social work in general and psychiatric health practice (especially regarding diagnosis, treatment and rehabilitation); the role of NGOs in health education.

SOW 722: Conflict and Peace Building

Emphasis in the course will be on the theories of peace and conflict; practical case studies and the analysis of the various forms of conflict resolution and dispute management in the family; the role of cultural issues and the identification of significant others; building peaceful relationships between groups, classes, races, nations, and international blocks; ideologies and religion, legal framework with respect to women, children and the abused in conflict situations. The document analysis; therapies and management styles of social workers in respect of conflict and peace building will be explored.

SOW 723: Emergencies and Disaster Management

The course explores types, forms and consequences of disaster; the role of social worker in emergency situations; strategies of handling emergencies in different localities; relevant skills to offering practical social response in the event of a disaster and basic first aid information that can be administered; various forms of social and health voluntary organizations and the methods employed by selected agencies; and the role of international organizations and global instruments governing humanitarian responses.

SOW 724: Issues in Social Service Delivery

The content of the course include broad issues in service delivery; social work practice with individuals, families, groups, communities and organizations; perspectives on culture, sexual orientation, social change, and advocacy (especially in the context of the roles, functions and responsibilities of social workers); organizational culture, social inequalities and deprivations; human displacement in a fast changing world; humanitarian response and management of resources in the face of crises.

SOW 725: Community Organization and Development

The course appraises the concept and types of community; principles of community organization, administration and development; differences according to societies and specific situations involved; identifying community needs; community participation and stakeholders in community development; case studies of community development in Nigeria; comparative analysis of the Nigerian experience with community development in other developing countries; problems and challenges of community development.

SOW 726: School Social Work

The course will focus on social work practice in both formal and informal settings especially by emphasizing individual and group work practice in the formal setting; methods of adult teaching and learning (e.g. face-to-face teaching, individual teaching, self-teaching methods, distance teaching and learning, the use of mass media); special education; the roles, responsibilities and relationships of a social worker in these settings; intervention strategies and skills in a given context.

SOW 727/728: Practicum

The emphasis in this course is on the practical application and demonstration of the philosophy, process, methods and skills of casework; community work, and group work in relevant agencies. Candidates are to fulfill practicum requirements by a stay in an agency, outside the candidate's workplace and as

approved and supervised by a qualified supervisor for a period of four (4) weeks before the commencement of second semester. At the end of the practicum, students will be required to present a report, and will be graded on both the report and the supervisor's evaluation. Such grades will be computed with second semester courses.

9.0 MASTER OF SCIENCE IN SOCIOLOGY

9.1 THE PHILOSOPHY OF THE PROGRAMME

Sociology from inception has been recognised as a discipline capable of proffering solutions to social, economic, political and other problems of the society. It indeed emerged as a discipline because of the problem of order in Western European societies especially in the eighteenth Century. Hence, the Postgraduate Programme in Sociology is expected to strengthen the capability of students in problem solving and analysis, especially through the initiation, development and implementation of research using sociological concepts and methodologies. Besides, the postgraduate programme in sociology will provide opportunities for advanced knowledge and skill acquisition for a career in both the private and public sectors of the national and global economies.

The underlying philosophy of the Postgraduate Programme in Sociology is to achieve effective delivery of higher education towards producing competent individuals who are well-grounded in sociological concepts, theories, and methods and adopting same to analyse and proffer solutions to social problems at both local and global levels.

9.2 OBJECTIVES

1. To equip students with latest sociological knowledge applicable to various sub-fields within the discipline of sociology.
2. To orientate students towards understanding, analysing and critically assessing social reality from sociological perspective.
3. To raise the required human capital to achieve societal development and solve societal problems through the application of the concepts, theories and methods in Sociology.
4. To inculcate the analytical ability, research aptitude and relevant skills in students so as to be useful for their social and professional life.
5. To instil in students the discipline, focus and commitment to relevant academic excellence for university research and teaching; competitive examinations etc.

9.3 ADMISSION REQUIREMENTS

1. The basic UTME requirements for admission into the Department of Behavioural Studies (BES), Redeemer's University, i.e. a minimum of 5 O'level credit passes in English Language, Mathematics, and any one out of Economics, Geography or Government plus any other two subjects in Senior Secondary Certificate Examination (SSCE), General Certificate of Education (GCE) or NECO or their equivalents at not more than two sittings;
2. In addition, eligible candidates shall be holders of:
 - (i) a Postgraduate Diploma in Sociology, Social Work or related disciplines with a CGPA of not lower than 3.0 on a 5-point scale or an Upper Credit Level Pass on Weighted Percentage Average from an accredited University;

or

- (ii) a minimum of Second Class (Lower Division) Bachelor's Degree or its equivalent in Sociology, Anthropology and related disciplines from any Senate approved university.
- (iii) Submission of a complete official transcript indicating the award of any of the degrees specified in 'i' or 'ii' above.

9.4 AREAS OF SPECIALISATION

- (i) Criminology and Penology
- (ii) Development and Social Change
- (iii) Gender Studies
- (iv) Medical Sociology
- (v) Industrial Sociology
- (vi) Political Sociology
- (vii) Population Studies
- (viii) Rural Sociology
- (ix) Urban Sociology

9.5 STRUCTURE OF THE PROGRAMME

A total of thirty-nine (39) credit units of courses consisting of twelve (12) units of compulsory courses; Three (3) units of Seminar; Twelve (12) units of elective courses in desired areas of specialisation and Six (6) units of elective courses in other relevant/related areas of specialisation constitutes the course component of the programme. The M.Sc. Dissertation assigned six (6) credit units and it has a compulsory status. Each of the courses including Seminar carries three (3) credit units.

Compulsory Courses

Code	Title	Units
SOC 800	Thesis/Dissertation	6
SOC 801	Classical Sociological Theories	3
SOC 802	Contemporary Sociological Theories	3
SOC 803	Methodology of Social Research	3
SOC 804	Social Statistics	3
SOC 841	Graduate Seminar	3

Electives/Areas of Specialisation

Criminology and Penology

SOC 805	Theory and Practice of Criminology	3
SOC 806	Comparative Penal System	3
SOC 807	Law and Society	3
SOC 808	Sociology of Crime and Deviance	3

Development and Social Change

SOC 809	Sociology of Development and Underdevelopment	3
SOC 810	Development Theories and Framework	3
SOC 811	Social Change and Social Structure	3
SOC 812	Ethnography and Development	3

Gender and Social Policy

SOC 813	Feminist Theories and Framework	3
SOC 814	Gender and Development	3
SOC 815	Social Policy and Social Planning	3
SOC 816	Gender Mainstreaming Practice in Sectors and Organisations	3

Medical Sociology

SOC 817	Health and Society	3
SOC 818	Health and Illness Behaviour	3
SOC 819	Sociology of Mental Health	3
SOC 820	Comparative Healthcare Policy and Administration	3

Industrial Sociology

SOC 821	Economy and Society	3
SOC 822	Sociology of Work and Occupations	3
SOC 823	Industrialisation and Industrial Society	3
SOC 824	Sociology of Organisations	3

Political Sociology

SOC 825	Foundations of Political Sociology	3
SOC 826	Politics and the African Society	3
SOC 827	Nationalism	3
SOC 828	Human Rights and Social Justice	3

Population Studies

SOC 829	Population Theories	3
SOC 830	Research Method in Population	3
SOC 831	Population Dynamics and Problems	3
SOC 832	Population and Development	3

Rural Sociology and Agricultural Extension

SOC 833	Comparative Rural Social Systems	3
SOC 834	Agricultural Extension Organisation and Cooperative Studies	3
SOC 835	Land Tenure and Resource Management	3
SOC 836	Agriculture and Political Economy of Rural Development	3

Urban Sociology

SOC 837	Urban Perspectives	3
SOC 838	Social and Political Aspects of Urban Administration	3
SOC 839	Urbanisation in Africa	3
SOC 840	Social Stratification and Social Mobility	3

9.6 GRADUATION REQUIREMENTS

To qualify for the award of the M.Sc. Degree in Sociology, a candidate is expected to meet the following requirements:

1. Has at least 70% class attendance and attendance of College/Departmental Graduate Seminars. Each graduate student will be required to present a paper at each of the seminars.
2. Take a minimum of 39 credit units of courses which should comprise of:
 - i. Twelve (12) credit units of core/compulsory courses;

- ii. Three (3) credit units of Seminar;
 - iii. Twelve (12) credit units of Elective Courses in area of specialisation;
 - iv. Six (6) credit units of elective courses from other relevant areas of specialisation;
 - v. Six (6) credit units of an acceptable dissertation based on research carried out in a student's area of specialisation.
3. Pass a three hour written examination at the end of each relevant semester on all the courses taken with a minimum score of 50%
 4. Pass in the six-unit dissertation (which must be on an approved subject) to be submitted at the end of last semester (third or as the case may be) on the programme.

9.7 COURSE REQUIREMENT

First Semester

S/N	Code	Title	Unit	Status
1	SOC 801	Classical Sociological Theories	3	C
2	SOC 803	Methodology of Social Research	3	C
3	SOC 805	Theory and Practice of Criminology	3	E
4	SOC 807	Law and Society	3	E
5	SOC 809	Sociology of Development and Underdevelopment	3	E
6	SOC 811	Social Change and Social Structure	3	E
7	SOC 813	Feminist Theories and Framework	3	E
8	SOC 815	Social Policy and Social Planning	3	E
9	SOC 817	Health and Society	3	E
10	SOC 819	Sociology of Mental Health	3	E
11	SOC 821	Economy and Society	3	E
12	SOC 823	Industrialisation and Industrial Society	3	E
13	SOC 825	Foundations of Political Sociology	3	E
14	SOC 827	Nationalism	3	E
15	SOC 829	Population Theories	3	E
16	SOC 831	Population Dynamics and Problems	3	E
17	SOC 833	Comparative Rural Social Systems	3	E
18	SOC 835	Land Tenure and Resource Manageme	3	E
19	SOC 837	Urban Perspectives	3	E
20	SOC 839	Urbanisation in Africa	3	E
Total: *Courses: 5 (2 Compulsory; 2 electives in areas of specialisation; 1 in a related area of interest). **Units: 15 (6 units of compulsory, 9 units of electives)				

Second Semester Courses

S/N	Code	Title	Unit	Status
1	SOC 802	Contemporary Sociological Theories	3	C
2	SOC 804	Social Statistics	3	C
3	SOC 806	Comparative Penal System	3	E
4	SOC 808	Sociology of Crime and Deviance	3	E
5	SOC 810	Development Theories and Framework	3	E
6	SOC 812	Ethnography and Development	3	E

7	SOC 814	Gender and Development	3	E
8	SOC 816	Gender Mainstreaming Practice in Sectors and Organisations	3	E
9	SOC 818	Health and Illness Behaviour	3	E
10	SOC 820	Comparative Healthcare Policy and Administration	3	E
11	SOC 822	Sociology of Work and Occupations	3	E
12	SOC 824	Sociology of Organisations	3	E
13	SOC 826	Politics and the African Society	3	E
14	SOC 828	Human Rights and Social Justice	3	E
15	SOC 830	Research Method in Population	3	E
16	SOC 832	Population and Development	3	E
17	SOC 834	Agricultural Extension Organisation and Cooperative Studies	3	E
18	SOC 836	Agriculture and Political Economy of Rural Development	3	E
19	SOC 838	Social and Political Aspects of Urban Administration	3	E
20	SOC 840	Social Stratification and Social Mobility	3	E
Total: *Courses: 5 (2 Compulsory; 2 electives in areas of specialisation; 1 in a related area of interest). **Units: 15 (6 units of compulsory, 9 units of electives)				

Third and Fourth Semester Courses

S/N	Code	Title	Unit	Status
1	SOC 800	Thesis (Proposal, Fieldwork and Oral Defence)	6	C
2	SOC 841	Seminar	3	C

9.8 COURSE DESCRIPTION

SOC 800: Thesis

Research Proposal, Fieldwork and Oral Defence.

SOC 801: Classical Sociological Theories

The course attempts a review of the historical, socio-economic and intellectual forces in the rise of sociological theory. It will also expose students to the critical assessment of the works of relevant theorists, such as in Positivism: Comte's Law of three stages; Evolutionism: Herbert Spencer's Evolutionary Doctrine; Functional Theory: Malinowski's Functionalist Doctrine; Durkheim's Rules of Sociological Method, Division of Labour, Suicide and Religion; Parsons' Social System; Structural Theory: A.R. Radcliffe Brown: The Concept of Social Structure; S.F. Nadel : The Problems of Role Analysis ; Levi-strauss : Social Structure; Conflict Theory: Karl Marx's Dialectical Materialism, Class Struggle and Capitalist Society, Alienation; Interactionist Theory: Max Weber's Protestant Ethic and Spirit of Capitalism; Methodology of Social Science, Social Action, Bureaucracy and rationality; and Vilfred Pareto's Typology of Social Conduct : Residue and Derivations; G.H. Mead's Mind, Self and Society. The course also provides an opportunity to connect the classical theories to present issues.

SOC 802: Contemporary Sociological Theories

The course presents an overview of levels and trends of theorisation in sociology with a view to understanding its contemporary status. It also attempts to compare and contrast various theories with a view to understanding their strengths and weaknesses. It thus covers the Crisis of Sociology and the

critique of positivism (Gouldner and Wright Mill); Merton's Scheme of Theorization; Conflict Approach: Dahrendorf's Class and Class Conflict and Coser's Functions of Social Conflict; Phenomenological and Ethnomethodological Theory : Alfred Shutz's, Concept of Life World; Peter Berger and Luckmann's Social Construction of Reality; Garfinkel's Ethnomethodology and Goffman's Dramaturgical Approach; Neo-Functional and Neo-Marxist Theory: J. Alexander's Neo-Functional Approach; Habermas's Legitimation Theory; Louis Althusser's idea of Marxist structuralism and Gramsci's Notion of Hegemony; Structural and Post-Modernist Theory: Giddens's Structuration Theory; Derrida's Deconstructionist Approach and Foucault's Post-Modernist Theory.

SOC 803: Methodology of Social Research

Meaning and nature of social research; steps of social research; scientific method; basic methodological problems in the study of social phenomenon; validity, reliability; objectivity and subjectivity of sociological investigation; the language of social research; methods and techniques of definition and classification; developments in theory construction and the strategy of survey analysis; types of research design: exploratory, descriptive and experimental; hypothesis; sampling: meaning and types; quantitative research strategies (survey, observation, questionnaire, etc.). qualitative research strategies (unstructured interview, ethnography, case study, participatory action research etc.); differences between quantitative and qualitative research; triangulation; content analysis, life history, report writing and data presentation.

SOC 804: Social Statistics

Data analysis: classification and tabulation, frequency distribution; data presentation: chart, histograms and graphs: importance of statistics in research; scaling techniques; descriptive and inferential statistics: measures of central tendency; measures of dispersion; correlation: Karl Pearson's coefficient of correlation method, Rank correlation method etc.

SOC 805: Theory and Practice of Criminology

A critical review of the development of criminological thoughts: classical, neoclassical, and scientific. Contemporary theoretical works such as the psycho-analytic theory, genetic theory, theory of subculture and learned behaviour will be discussed.

SOC 806: Comparative Penal System

The focus is on the history and the philosophical background to the development of penal system; correction of criminals; meaning and significance of correction; punishment and its types: retribution, deterrent, prevention, reformation, prisons, problems of prisons; critical analysis of penal institutions across cultures; and evaluation of the role of the institutions within particular and across cultures.

SOC 807: Law and Society

The course emphasises the relationship between (i) law (as an institution) and the society; (ii) law and the social structure (a critical analysis); (iii) legislation, law enforcement and the public. It also deals with the discussion of law and conflict resolution, judicial behaviour and the legal profession.

SOC 808: Sociology of Crime and Deviance

The course is designed to introduce students to concepts of crime and deviance; early and modern conception/definition of crime and deviance; theoretical perspectives of social deviance: anomie theory, differential association theory, labelling theory, power theory; analysis of crime and deviance as social problems within and across particular cultures. Forms of deviance: juvenile delinquency, alcoholism, drug addiction, mental disorder, homosexuality, beggary; types of crime: organized crime: concept, characteristics, and structure; occupational crime: concept, elements, causes, types, extent and effects; professional crime: characteristics and types; cybercrime: concept and types. women and crime: crime against women: types (rape, female foeticide, sex slavery, domestic violence and sexual abuse, human trafficking, etc.) and extent; women as a criminal: nature and extent; terrorism: concept, characteristics and causes (with special emphasis on Nigeria); methods of dealing with crimes and criminals; deviance and deviants; delinquency and juvenile delinquents; crime and delinquency statistics; problems of

record keeping, and retrieval and utilisation especially with reference to the use of modern techniques and specific cases.

SOC 809: Sociology of Development and Underdevelopment

The course aims to provide an overview of the concepts related to development and the historical process of development and underdevelopment. The various theoretical perspectives (modernisation, dependency, Neo-liberalism) that have shaped the concepts of development and underdevelopment as well as the alternate trends and paths of development are appraised. This course especially presents development and underdevelopment as discourse.

SOC 810: Development Theories and Framework

The course applies various theories and models of development to the understanding of the economic growth of developing nations and their pathway to sustainable development. A critical analysis of contemporary socio-economic framework of development is presented.

SOC 811: Social Change and Social Structure

The course examines the structure of societies and change within such societies. It thus aims at analysing social stratification: meaning and nature: social differentiation, hierarchy and inequality, forms of stratification: caste, class, gender and ethnic; social mobility: meaning, nature and types: horizontal and vertical social mobility, factors of social mobility; social change: concepts and types: evolution, diffusion, progress, development, revolution, transformation, change in structure and change of structure, theories of social change, dialectical and cyclical.

SOC 812: Ethnography and Development

The course presents the various concepts of development in ethnographic perspectives. It deals with a critical review of such concepts as economic development, modernisation, socio-economic transformation, distributive justice in selected developing and developed countries. It also examines the crisis of development, with particular attention paid to the world socio-economic order, the issue of co-periphery, and the problem of dependence.

SOC 813: Feminist Theories and Framework

In an attempt to analyse, interpret and understand the differential position of men and women in society, the course presents theories of feminism such as conservatism (biological determinism and sociological functionalism); liberalism (parity within existing political and socio-economic systems); Marxist feminism (socio-economic determinism); radical feminism (bio-political determinism); psychoanalytic feminism (psychological determinism and revisionism); existential feminism (philosophical analysis); African feminism (womanism); post-modern feminism (structuralism, deconstructionism and the essence of language). The extent to which the various frameworks direct the explanation and understanding of the global oppression of women, and their power to explain the interconnection of sexism, racism, class structure and homophobia across cultures are critically examined. The frameworks are thus employed to explain a number of gender issues, especially the peculiar experiences of women like familial relations, sexuality, reproductive health, culture, violence against women, professional life (especially women in men-dominated occupations), work etc.

SOC 814: Gender and Development

The aim of the course is to build the capacity of students to recognise the role of gender issues in development. It focuses on explanation of gender concepts, policy, programmes and women status in development. The evolution and implications of the various development frameworks for addressing gender equity issues are illustrated and assessed. Based on international best practices, international, regional and national policy environment for achieving gender equity are reviewed. Specific gender and development related policy instruments such as UN Declarations on Gender Equality and Women Empowerment (CEDAW, MDGs, UN SDGs etc.); AU Protocols on Gender Equality and Women Empowerment; Africa 2003 Agenda, and National Instruments (e.g. National Gender Policies in selected countries (developed and developing) e.g. Nordic Countries, Canada, South Africa, Tanzania, Ghana,

Nigeria etc. are of interest. The course is also expected to identify obstacles and opportunities in focussing gender in development programme planning and implementation.

SOC 815: Social Policy and Social Planning

A critical examination of the concept of social policy; policy development process; and roles of stake holders is the focus. Models of policy analysis especially as it relates to family, health, population, education, housing, social security and others are appraised. Concepts, theories and tools of social development; human development approach; theories of social planning; purpose, process and pattern of planning (especially in Nigeria); policy and planning experience in Nigeria: development plans, specific plans, emergency plans, legislation issues and policy case studies and the attendant challenges are to be examined.

SOC 816: Gender Mainstreaming Practice in Sectors and Organisations

In this course, students are exposed to various gender analysis and diagnostic techniques and the application of gender mainstreaming analytical models in sectors and organisations. Specific sectors and organisations including traditional gender sectors (education, health, agriculture, rural development, social development etc); and non-traditional gender sectors (such as extractive industries, science and technology, ICT, road and transport, urban development, security and peace-keeping, governance etc.) are selected. Documented international good practices as evidenced by UN Agencies, development partners and countries such as the Nordic Countries will be reviewed. Students are to develop own gender analysis skills through the application of selected mainstreaming approaches and tools to policy and planning for development.

SOC 817: Health and Society

The course aims at sensitizing students to health-related issues and the role of the State in health matters. It therefore discusses relevant concepts such as health, medicine, illness, sickness, disease and society; sociological theories/ perspectives on health and medicine (functional, conflict, interactionist and labelling perspectives); Disease, illness and sickness (emphasising natural history of disease, human environment, social aetiology, social epidemiology and ecology of disease); sociology of illness (stigma, societal attitudes to self-inflicted illness, harm and suicide etc, sociological issues in HIV/AIDS pandemic in Africa.) community health (concept of integrated health services, community health problems in Nigeria, public health care systems in Nigeria); The state and health (health as a fundamental right, the Nigerian Health Policy, financing of health care and health insurance, food and drug adulteration, impact of privatization and globalization on health care in Nigeria).

SOC 818: Health and Illness Behaviour

Concepts of health, illness and disease; disease agents and characteristics of diseases; systems of medical beliefs and practices; individual and societal responses to ill health, sick role and social relationships during illness; and healthcare delivery system in Nigeria are the focus of this course.

SOC 819: Sociology of Mental Health

Theories of causation; pattern of care; The relationship between social environment and mental illness; mind and body; the relevance of urbanization, stratification, and the family for mental health; the community as therapeutic agent; western and non-western pattern of psychiatric care; the organisation of mental health services in Nigeria (to be substantiated by fieldwork and visits to relevant facilities).

SOC 820: Comparative Healthcare Policy and Administration

The course highlights the structure of traditional and modern healthcare services; health policies and administration of healthcare services in selected nations; professional socialization and medical ethics; globalization and healthcare programmes; comparative analysis of health programmes, process and outcomes.

SOC 821: Economy and Society

Relevant sociological theoretical approaches such as the Protestant Ethic and Spirit of Capitalism by Max Weber, and Division of Labour by Emile Durkheim; Sociological aspects of economic life as revealed in

the sociological thoughts of Max Weber, Emile Durkheim among others; origin and development of economic institutions; features of primitive and modern economies; economy and other sub systems – social, cultural and political; the significance of economy e.g. social significance of property, market, production process, distribution, exchange and the process of consumption.

SOC 822: Sociology of Work and Occupations

The analysis of work as a basic human institution in societies; the interdependence of work and other societal institutions; definition and scope of work; cross societal analysis of the meaning of work; occupations and professions in an historical perspective; the origin and organisation of professions; relationship between occupations, professions and social policy; career choice, aspirations and preparations for occupations and professions; career aspirations of different socio-economic groups; occupations and their non-work effects.

SOC 823: Industrialisation and Industrial Society

Analysis of the relationship between industry and society; labour legislation; a comparative analysis of the growth of industry in industrialising and industrialised societies; sociological description of the impact of industry on society; industrialization and social change especially in terms of technology, rationality and various institutional factors; the structure and culture of modern large scale industry; limitations of industrialization; features of post-industrial society; small scale industries in developed and less developed nations; status and class arrangement in the work place and community; multinational corporations and their impact on the growth of developing nations; industry and community relations.

SOC 824: Sociology of Organisations

Sociological analysis of the concept of organisation (formal and informal organizations as a social system) and relevant issues in the understanding of organisation and organisational relations; theoretical approaches to understanding of formal or complex organisations; management relations; comparative analysis of complex organisations in developed and developing nations; the problems of bureaucracy in Africa.

SOC 825: Foundations of Political Sociology

Nature and scope of political sociology; sociology of politics and politics of sociology; basic concepts: bureaucracy, authority and its bases, power, elites, political parties, pressure group, political culture, political socialization and Political participation, state and politics; approaches to the study of political system: structural functional, conflict school, system analysis and behavioural approach; types of political system: primitive, traditional and modern; the bases of legitimacy in a modernising environment; coercion, conflict and consensus; bureaucracy, patrimony and the problems of bureaucracy; theories of democracy; political development and social change; class and political conflict; ideology and political system.

SOC 826: Politics and the African Society

Analysis of politics, political behaviour and processes in traditional and modern African society; application of the theoretical foundations of political science to understanding political behaviour and processes in Africa; comparing same with the situation in other societies (developed and developing); the problems of political order and stability in African societies; social mobilisation and political development; social structure and political participation; African social values and the development of political culture; African elites (e.g. Nkrumah, Nyerere, Leopold Senghor, Patrice Lumumba, Awolowo, Mandela, etc.) and political change; the militarisation of African States; contemporary democratic processes.

SOC 827: Nationalism

The course is committed to an examination of the causes and role of ethnic identity and nationalist movements in the modern world and of the relations between nations and states. The three principal concerns in this respect are: (1) Theories of nationalism and ethnicity, including primordialist, ethno-

symbolic, modernist and post-modernist approaches. These will be compared and critiqued; (2) The development of various kinds of nations, nation-states and nationalisms from pre-modern Europe to the global present, and a consideration of relevant concepts (e.g. civic/ethnic, political/cultural, Asian and African forms of nationalism) frequently used to understand these histories; and (3) Nationalism and the international system, including problems of state sovereignty, secession and national self-determination; globalisation and religious fundamentalism. It equally captures the contribution of youth to national development, with special emphasis on the study of the role of the national youth service corps.

SOC 828: Human Rights and Social Justice

The concept of human right and social justice; evolution and history of human rights; rights, liberty, equality, justice; theories of human rights (natural rights theory, positivist theory, Marxist theory); international and national human rights agencies and declarations (UN. Agencies; UN Commission for Human Rights; National Human Rights Commission: Universal Declaration of Human Rights; Civil and Political Rights; Economic, Social and Cultural Rights; Rights of women (CEADAW); Rights of the Children etc.); Nigerian Constitution and human rights; fundamental duties; human rights movements in Nigeria; enforcement of human rights especially through the Constitution, the Judiciary, National Human Rights Commission, Non-Governmental Organisations; Human Rights Education etc..

SOC 829: Population Theories

A critical review of ancient, medieval and modern population theories is the focus. Socio-economic development as captured by population theories and the overview of population debate will be emphasised.

SOC 830: Research Method in Population

General introduction to concepts, sources of population statistics and analytical tools; measurement of fertility, mortality, natural increase, migration, and nuptiality; uses of model life tables and stable population analysis and other techniques of indirect estimation when faced with inaccurate or incomplete data are appraised.

SOC 831: Population Dynamics and Problems

The course critically discusses past and current trends in the growth of the population of the world and selected regions; the components of growth (fertility, mortality and migration) and their determinants in this regard or otherwise; the social and economic consequences of population change.

SOC 832: Population and Development

The course is an appraisal of theories of population and development; interrelationships between population and development; population growth and socio-economic processes; populations and sustainable development; declarations, submissions and agreements at relevant conferences/meetings on population and development; extent and challenges of implementations of such declarations.

SOC 833: Comparative Rural Social Systems

The course focuses on the examination of rural-urban differences; rural social structure; trends of change in rural society; rural class structure; rural family and changing pattern; selected rural and agricultural systems focussing on organisation and institutions; comparative analysis of rural communities in different social settings with respect to elements and processes of social change, innovation and decision making, communication and diffusion, leadership and social action.

SOC 834: Agricultural Extension, Organisation and Cooperative Studies

The focus of the course is on the basic concepts of administration, organisation and supervision; principles of administration; special demands of cooperatives and agricultural extension organisation;

agricultural administration under different agrarian arrangements; problems and organisation and administration of agricultural extension in Nigeria from historical perspective.

SOC 835: Rural Economy and Resource Management

The course is an attempt to understand the place of land tenure, land reforms, bonded and migrant/itinerant labourers, village cooperatives etc. on rural economy and resource management. The Nigerian experience where land tenure system confers the customary and legalised rights to the land/water use and control is the focus.

SOC 836: Agriculture and Political Economy of Rural Development

The course will examine the changing conceptions of rural development (economic growth, human development, social development and sustainable rural development); strategies and models of rural development with emphasis on the processes of social, economic and political integration of rural areas into national development; rural infrastructure and institutional development; political economy of agrarian crisis in Nigeria. A critical analysis of special rural development programmes in Nigeria (before and after independence) will be undertaken.

SOC 837: Urban Perspectives

The course starts with the explanation on relevant concepts and issues theories: characteristics of urban and rural community, rural and urban contrast. Special attention is paid to an appraisal of the theories of city: metropolis (George Simmel); Urbanism (Louis-Wirth), rural-urban continuum as cultural form (Robert Redfield), theory and pattern of city growth (Burges); urban social structure: family, religion, recreation, occupation and culture; the causes of city growth; characteristics and types of cities; meaning and factors of urbanisation.

SOC 838: Social and Political Aspects of Urban Administration

The course describes and explains social and political organisation within the city; urban economy, politics, management and planning.

SOC 839: Urbanisation in Africa

The course appraises the process and factors of urbanisation, social consequences and impact of urbanization, with emphasis on African cities.

SOC 840: Social Stratification and Social Mobility

The course examines the concept and meaning of social stratification; forms of social stratification: caste, class, power, gender, ethnicity; theories of social stratification e.g. functional theory of Davis Moore and Parsons, conflict theory of Marx and Dahrendorf, and multidimensional approaches of Weber and Parkin, etc.; nature, types and factors of social mobility; mobility within and between class; emergence of middle class; a comparative analysis of the forms of inequality in urban industrial societies and the cities of industrialising societies of Asia, Latin America and Africa.

10.0 MPhil/PhD IN SOCIOLOGY

10.1 ADMISSION REQUIREMENTS

1. The basic matriculation requirements for admission into the Department of Behavioural Studies (BES), Redeemer's University, i.e. a minimum of 5 O'level credit passes in English Language, Mathematics, and any one out of Economics, Geography or Government plus any other two subjects in Senior Secondary Certificate Examination (SSCE), General Certificate of Education (GCE) or NECO or their equivalents at not more than two sittings.
2. In addition, eligible candidates shall be holders of a Masters Degree in Sociology or Social Work with a minimum CGPA of not lower than 2.75 on a 5-point Scale or a B or 55-59%

Weighted Percentage Average Score of Redeemers University or any other accredited University.

3. Demonstration of adequate intellectual capacity, maturity and effective decision making and problem-solving potentials.

10.2 AREAS OF SPECIALISATION

- (x) Criminology and Penology
- (xi) Development and Social Change
- (xii) Gender Studies
- (xiii) Medical Sociology
- (xiv) Industrial Sociology
- (xv) Political Sociology
- (xvi) Population Studies
- (xvii) Rural Sociology
- (xviii) Urban Sociology

10.3 COURSE REQUIREMENTS

Code	Title	Units
SOC 900	Thesis/Dissertation	6
SOC 901	Theoretical Foundations of Sociology	3
SOC 902	Special Topics in Area of Specialisation I	3
SOC 903	Principles and Methods of Social Science Research	3
SOC 904	Special Topics in Area of Specialisation II	3

10.4 REQUIREMENTS FOR GRADUATION

Conversion from MPhil/PhD status to the PhD degree programme is determined as follows:

- (a) The Candidate must pass a comprehensive examination of six units based on the two compulsory courses (SOC. 901 and SOC. 903), with an average score of 60% or above.
- (b) The candidate must present a proposal, under his supervisor(s) and must defend it successfully before a panel of at least three members set up by the Head of Department to qualify for the award of PhD Degree in Sociology.

A candidate is expected to meet the following requirements:

- (a) Has at least 70% class attendance and attendance of College/Departmental Graduate Seminars. Each graduate student will be required to make presentations at the seminars.
- (b) Take a minimum of 6 credit units of courses which must comprise of:
 - (i) Three (3) credit units of core/compulsory courses;
 - (ii) Three (3) credit units of seminars in area of specialization;
 - (iii) Six (6) credit units of an acceptable dissertation based on research carried out in a student's area of specialization;
 - (v) Pass a three-hour written examination at the end of each relevant semester on all the courses taken (excluding seminars) with a minimum score of 60%. The scoring of seminars, which must be determined by a panel of examiners, shall be based on the quality of its content and the oral presentation/defence by student. It must also be written in a format appropriate for submission to a professional publication (i.e. it must be "publishable").

10.5 COURSE DESCRIPTION

SOC 900: Dissertation/Thesis

Research Proposal, Pre-field Seminar, Fieldwork, Post-field Seminar and Oral Defence.

SOC 901: Theoretical Foundations of Sociology

A critical examination of foundational sources and issues in sociological theory; the contemporary state of sociological theories: connections between classical and contemporary theories of Sociology.

SOC 902: Special Topics in Area of Specialisation I

As MPhil/ PhD, students are required to demonstrate competence and scholarship in their chosen area of specialisation, the course takes the form of specialised seminars supplemented by independent study and reading. Students must however, first construct a bibliography to be approved by an instructor in the field of sociology in which the student wishes to develop research competence.

SOC 903: Principles and Methods of Social Science Research

The course focuses on the philosophy of social science (introduction); the goal of social research, basic methodological problems in Sociology; validity, reliability and objectivity in social research; problem statement and literature review; research question and research design; quantitative and qualitative research; data management; qualitative data interpretation and analysis especially by content analysis, identifying themes and memo-writing and the use relevant data analysis techniques (e.g., in vivo coding) political and ethical issues in social research; finding and using secondary data, writing up findings in the form of a publishable-quality paper.

SOC 904: Special Topics in Area of Specialisation II

The course focuses on a critical review of issues, case studies and important themes in a student's area of specialisation. It takes the form of specialised seminars supplemented by independent study and reading. The issues, case studies and themes to be reviewed must be identified with the approval of an instructor in the field of sociology in which the student wishes to develop research competence.

11.0 DOCTOR OF PHILOSOPHY (PhD) IN SOCIOLOGY**11.1 ADMISSION REQUIREMENTS**

1. The basic matriculation requirements for admission into the Department of Behavioural Studies (BES), Redeemer's University, i.e. a minimum of 5 O'level credit passes in English Language, Mathematics, and any one out of Economics, Geography or Government plus any other two subjects in Senior Secondary Certificate Examination (SSCE), General Certificate of Education (GCE) or NECO or their equivalents at not more than two sittings.
2. In addition, eligible candidates shall be holders of a Masters Degree in Sociology or Social Work with a minimum CGPA of not lower than 3.5 on a 5-point Scale or a B or 60% Weighted Percentage Average Score of Redeemers University or any other accredited University.
3. Submission of a complete official transcript indicating the award of the degree specified in '2' above.
4. Demonstration of adequate intellectual capacity, maturity and effective decision making and problem solving potentials, especially through a Concept Paper of not less than 5 pages in the applicant's area of specialisation.

11.2 AREAS OF SPECIALISATION

- (i) Criminology and Penology
- (ii) Development and Social Change
- (iii) Gender Studies

- (iv) Medical Sociology
- (v) Industrial Sociology
- (vi) Political Sociology
- (vii) Population Studies
- (viii) Rural Sociology
- (ix) Urban Sociology

11.3 COURSE STRUCTURE

During the first two semesters, students are engaged primarily in course work and seminars. During the later semesters (3rd to 6th), the focus is on independent research especially to fulfil the thesis component of the Ph.D. Degree requirements. A total of thirty (30) credit units of compulsory courses consisting of twelve (12) units of core courses; Six (6) units of Seminar; Six (6) units of courses in desired areas of specialisation and the Ph.D. Thesis which carries Six (6) credit unit. Each of the courses including Seminar carries three (3) credit units. Seminar papers should be written in connection with the regular courses on theory and research methodology.

Code	Title	Units
SOC 900	Thesis/Dissertation	6
SOC 901	Theoretical Foundations of Sociology	3
SOC 902	Statistics in Social Research	3
SOC 903	Principles and Methods of Social Science Research	3
SOC 904	Computer Application	3
SOC 905	Special Topics in Area of Specialisation I	3
SOC 906	Special Topics in Area of Specialisation II	3
SOC 907	Seminar on Sociological Theory	3
SOC 908	Sociology of Crime and Deviance	3

11.4 GRADUATION REQUIREMENTS

To qualify for the award of the PhD Degree in Sociology, a candidate is expected to meet the following requirements:

- (a) Has at least 70% class attendance and attendance of College/Departmental Graduate Seminars. Each graduate student will be required to make presentations at the seminars.
- (b) Take a minimum of 30 credit units of courses which must comprise of:
 - (i) Twelve (12) credit units of core/compulsory courses;
 - (ii) Six (6) credit units of courses in area of specialisation
 - (iii) Six (6) credit units of Seminar in Theory (3 units) and Research Method (3 units)
 - (iv) Six (6) credit units of an acceptable dissertation based on research carried out in a student's area of specialisation.
 - v. Pass a three-hour written examination at the end of each relevant semester on all the courses taken (excluding seminars) with a minimum score of 50%. The scoring of seminars, which must be determined by a panel of examiners, shall be based on the quality of its content and the oral presentation/defence by student. It must also be written in a format appropriate for submission to a professional publication (i.e. it must be "publishable").
 - vi. Pass in the six-unit dissertation (which must be on an approved subject) to be submitted at the end of the sixth semester (third year) on the programme. The dissertation shall not be less than 50,000 words and not more than 100,000 words (50,000 - 100,000 words). The student prepares a research plan/proposal under the guidance of an appointed supervisor to qualify for Registration of Thesis Title. The research proposal must be presented and defended (as pre-field Seminar) before a panel to be constituted by the departmental postgraduate coordinator in consultation with the Head of Department. The research

plan is subject to review by the panel to determine its feasibility and to assist in the development of appropriate research design.

The outcome of the corresponding fieldwork must also be presented at the Departmental Seminar (as post-field Seminar). The PhD dissertation is judged by its contribution to sociological knowledge and the evidence of ability to carry out independent research. A panel of examiners consisting of the under-listed shall be constituted to assess and grade the dissertation through its oral presentation by the student submitting the dissertation.

11.5 COURSE DESCRIPTION

SOC 900: Dissertation/Thesis

Research Proposal, Pre-field Seminar, Fieldwork, Post-field Seminar and Oral Defence.

SOC 901: Theoretical Foundations of Sociology

A critical examination of foundational sources and issues in sociological theory; the contemporary state of sociological theories: connections between classical and contemporary theories of Sociology.

SOC 902: Statistics in Social Research

The course is designed to assist students to develop a critical attitude toward statistical argument. This course blends theory and applications in statistical analysis. It especially discusses statistical techniques (descriptive and inferential); Topics include: cross tabulations with an emphasis on multi-dimensional tables, multiple correlation and regression, and, the relationship between individual and aggregate level statistical analyses. Special focus is on the problems associated with the uses of especially the inferential techniques in sociological research as this is expected to serve as a background towards helping to provide the intuition which can sometimes be lost amid formulas and symbols

SOC 903: Principles and Methods of Social Science Research

The course focuses on the philosophy of social science (introduction); the goal of social research, basic methodological problems in Sociology; validity, reliability and objectivity in social research; problem statement and literature review; research question and research design; quantitative and qualitative research; data management; qualitative data interpretation and analysis especially by content analysis, identifying themes and memo-writing and the use relevant data analysis techniques (e.g., in vivo coding) political and ethical issues in social research; finding and using secondary data, writing up findings in the form of a publishable-quality paper.

SOC 904: Computer Application

The course is an attempt to assist students on the practical and efficient use of computer in data management, report writing, and presentation. Topics include: Microsoft Word, Excel, Power-point, Statistical Packages such as SPSS, SAS, etc.

SOC 905: Special Topics in Area of Specialisation I

As Ph.D. students are required to demonstrate competence and scholarship in their chosen area of specialisation, the course takes the form of specialised seminars supplemented by independent study and reading. Students must however, first construct a bibliography to be approved by an instructor in the field of sociology in which the student wishes to develop research competence.

SOC 906: Special Topics in Area of Specialisation II

The course focuses on a critical review of issues, case studies and important themes in a student's area of specialisation. It takes the form of specialised seminars supplemented by independent study and

reading. The issues, case studies and themes to be reviewed must be identified with the approval of an instructor in the field of sociology in which the student wishes to develop research competence.

SOC 907: Seminar on Sociological Theory

A student through an independent seminar presents a critical examination of a sociological theory, their current relevance and applicability to (a) analysing and explaining issues of power, development/social change, crime and deviance, health and education etc.; (b) proffering solutions to especially emerging problems of the contemporary society. The seminar shall be written and reviewed/examined in connection with the course - Theoretical Foundations of Sociology (SOC 901).

SOC 908: Seminar on Research Methodology

Through this seminar/course, a Ph.D. student should demonstrate scholarship on the theoretical analysis and the applicability of social research methodology in Sociology. The focus must be on issues such as social statistics, survey research methods, qualitative methods among others.

11.6 STAFF LIST

S/N	Name	Area of Specialization	Discipline	Qualification	Rank
1.	Dr. B. C. Akpunne	Clinical Psychology	Psychology	B.Sc., MSc., PhD	Senior Lecturer & Ag. Head of Department
2.	Professor O. I. Aina (Visiting)	Industrial Sociology, Development, Gender, Conflict and Peacemaking, Medical Sociology	Sociology	BSc, MPhil & PhD (Ife)	Professor
3.	Professor E. O. Akinnawo (Visiting)	Substance Abuse, Psychotherapy, Domestic Violence, Mental Health	Psychology	BSc; MSc, PhD	Professor
4.	Professor Ezebunwa E. Nwokocha (Visiting)	Social & Medical Demography	Sociology	BSc, MSc & PhD (Sociology)	Professor
5	Professor O. S. Opadere		Law		Professor
6.	Professor I. O. Akinbobola	Industrial/Organizational Psychology	Psychology	BSc, MSc, PhD	Professor
7.	Dr. O.O. Olajire	Poverty, Drug Abuse and Addiction, Sociological Theories, Crime and Delinquency	Sociology/ Criminology	BSc (Ife), MSc (Ife) & PhD (Fort Hare)	Senior Lecturer
8	Dr. J. L. Okunola	Drug Abuse and Addiction, crime and Delinquency, Sociology of Education	Sociology	B.Ed, MED (Ibadan), PhD (Ado-Ekiti)	Senior Lecturer
9.	Dr. F. O. Lanre-Babalola	Health and Belief Practices, Epidemiology, Illness Behaviour, HIV/AIDS	Sociology	BSc, MSc & PhD (Sociology, Ilorin)	Senior Lecturer
10	Dr. O. A.	Gender, Demography,	Sociology/D	BSc. MSc & PhD	Senior

	Wellington,	Gerontology, Adolescent Behaviour	Demography	(Sociology, Ibadan)	Lecturer
11	Dr. A. A. Akintola	Developmental Psychology	Psychology	BSc., MSc., PhD	Lecturer 1
12	Dr. A. O. Olusa	Industrial/Organizational Psychology	Psychology	BSc., MSc., PhD	Lecturer 11
13	Dr. A. A. Adeleke	Library & Information Studies	Library & Information Studies	BSc., MSc., PhD	Deputy University Librarian

CHAPTER FIFTEEN

DEPARTMENT OF ECONOMICS

1.0 PHILOSOPHY OF POSTGRADUATE PROGRAMMES IN ECONOMICS

Based on the recent developments in the global market, the relevance of knowledge in economics to virtually every discipline and sphere of work has increased. Professionals and institutions from public and private sectors have expressed demand for intensive courses in specialized areas in economics that can enhance their productivity and performance. Besides, there is increasing demand for advanced studies in specialized areas of economics. In response to this, the department is mounting Postgraduate Diploma (PGD), Master of Science (MSc), Master of Philosophy (MPhil) and Doctor of Philosophy (PhD) programmes in Economics in compliance with contemporary global market demand and its relevance to development issues. The programmes areas designed to provide an advanced postgraduate training for career progression in the world of works to the top management position in the private and public sectors as well as academia. They will meet the need of persons from Economics and other related fields desiring to switch over to Economics and make career of it. The programmes aim to develop highly competent and versatile professional in the area of economics through the provision of relevant courses for academic and none academic career. They will expose candidates to an in-depth and scientific knowledge of the subject matter of Economics, including its policy relevance. These programmes intend to inculcate in the candidates the spirit of enquiry and develop research capability in socially relevant economic issues in the Nigerian society, and the world at large. The programmes consist of taught courses and research work culminating in the submission of thesis, which must contain publishable contents. Finally, with about one hundred and seventy universities (170) in the nation; there is still shortage of manpower for the academic development process. The department intends to train and raise the required manpower from the University within Nigeria through a vibrant postgraduate programmes in Economics, which will harness the best of the products that will then be absorbed into the University and other sectors in the economy.

2.0 POSTGRADUATE DIPLOMA (PGD) ECONOMICS

2.1 OBJECTIVES OF THE PROGRAMME

The programme is designed to provide Post Graduate Diploma training for career progression in private and public sectors. It also aims to equip candidates for further academic training in the field of Economics, especially candidates from other related fields desiring to switch over to Economics and make career of it. Similarly, the PGD programme will assist those with some deficiency (those with a third class and pass degrees) in their first degree in Economics for necessary remediation. The Postgraduate Diploma in Economics is a course of study beyond First Degree (BSc) by coursework and research project. It will expose students to critical issues and problem-solving strategies in Economics. It will also help develop in them academic excellence and intellectual awareness.

2.2 ADMISSION REQUIREMENTS

The criteria for admission into the PGD programme in Economics will be as follows:

- (a) Candidate must have five (5) O-Level credits passes including English Language and Mathematics at not more than two sittings.
- (b) Candidate with Bachelor's degree of not less than 3rd Class degree in Economics or in a related field from the Redeemer's University or from any recognized University as approved by Senate.
- (c) Candidate with HND and/or professional qualifications related to Economics with a minimum of Lower Credit from a recognized institution may also be considered.

2.3 GRADUATION REQUIREMENTS

A candidate must have fulfilled the following conditions to be awarded a Postgraduate Diploma in Economics:

- (a) The candidate must register and pass a minimum of 31 credit units of both compulsory and elective courses as follows:
- | | |
|------------------------|-----------------|
| (i) Compulsory Courses | 15 units |
| (ii) Elective Courses | 10 units |
| (iii) Project | 6 units |
| | 31 units |
- (b) Carry out and submit research project of an approved topic by the supervisor and Department within the stipulated period for graduation.

2.4 COURSE REQUIREMENTS

First Semester Courses

Course Codes	Units	Course Title	Remarks
ECO 701	3	Microeconomic Theory	Compulsory
ECO 703	2	Quantitative Techniques I	Compulsory
ECO 705	3	Research Methodology in Economics	Compulsory
ECO 707	2	Monetary Economics	Elective
ECO 709	2	International Economics	Elective
ECO 711	2	Labour Economics	Elective
ECO 713	2	Development Economics	Elective
ECO 715	2	Health Economics	Elective
ECO 717	2	Industrial Economics	Elective

Total Compulsory Unit = 8

Total Minimum Units of Electives = 4

Total Units = 12

Maximum registerable units/semester = 20

Second Semester Courses

Course Codes	Units	Course Title	Remarks
ECO 702	3	Macroeconomic Theory	Compulsory
ECO 704	2	Structure of the Nigerian Economy	Compulsory
ECO 706	2	Quantitative Techniques II	Compulsory
ECO 708	2	Public Finance	Elective
ECO 710	2	Managerial Economics	Elective
ECO 712	2	Economic Planning	Elective
ECO 714	2	Energy Economics	Elective
ECO 716	2	Human Resource Economics	Elective
ECO 799	6	Research Project	Compulsory

Total compulsory unit = 7

Total Minimum Units of Electives = 6

Project = 6

Total units = 19

Maximum registerable units/semester = 20

2.5 COURSE DESCRIPTION

ECO 701: Microeconomic Theory

Theory of Consumer Behaviour; Stability of Market Equilibrium; Theory of Production and Cost; Theory of the Firm and various forms of market organizations; Theory of distribution; General Equilibrium Theory and Welfare Economics.

ECO 702: Macroeconomic Theory

Determination of output and employment under classical and Keynesian assumptions; Classical Keynesian controversies; More on the theory of investment, and consumption; Theories of money, interest and inflation; Effectiveness of monetary and fiscal policies to promote economic growth; Introduction to the theory of Macroeconomic policy.

ECO 703: Quantitative Techniques I

Treatment of the calculus of many variables; linear algebra, differential and difference equations and their applications in economic theory; microeconomic model of consumption and production; macro models of money and growth. Functions and diagrams in economic theory; unconstrained and constrained extrema (and economic applications); linear and non-linear economic models or relationships; iterative processes, difference equations and markov chains; linear programming; theory of games; general equilibrium theory and applications.

ECO 704: Structure of the Nigerian Economy

National income accounting concepts. Measurement, uses and limitations; growth of income, employment and prices in the economy as a whole in major sectors; Economic Policy Programmes and Policies in Nigeria; Structural changes between and within sectors; Relative sizes of public and private sectors and their determinants.

ECO 705: Research Methodology in Economics

Definition of research; the role of research in development; developments in research methodology, essential features of a research work, research proposal and report writing in economics, new developments in research methods in social sciences. Uses of statistical procedures, including survey methods; uses of mathematical and economic methods in research.

ECO 706: Quantitative Techniques II

Nature and objectives of statistics, frequency distributions, measures of dispersion, essential of probability, statistical distribution. Basic sampling techniques, decision theory, index numbers, time series, correlation and regression analysis. Introduction to Linear Programming and use of Computer in solving problem.

ECO 707: Monetary Economics

Money and a money economy; the structure and business of Commercial Bank; Comparative Banking (United Kingdom, United States). Nigerian Banking System; The West African Currency Board; Nigerian Central Bank; Financial Intermediaries; Money and Capital Markets; International Monetary Institutions. Theory of Demand and Supply of Money; Convertibility of the money supply; Multiplier, high powered money concepts; Recent developments in monetary theory and policy; Effectiveness of monetary and fiscal policies; Rules versus authorities in stabilization policy; Stabilization policy in open economies; International monetary arrangements and problems.

ECO 708: Public Finance

Meaning, nature and scope of public finance under the Classical, Keynesian and Modern Economic theories; the principle of maximum social advantage; Sources of government revenue; Introduction to the theories and principles of taxation; Canon and types of taxation; Incidence and effects of taxation;

Equity in taxation and equitable distribution of income; Meaning, objectives and kinds of Public Expenditure; Canon of public expenditure; Classification and growth of public expenditure.

ECO 709: International Economics

Introduction to developments in international economics; theory of international trade; factor price equalization; trade and growth; commercial policy and economic integration; Contemporary Regional and International economic issues.

ECO 710: Managerial Economics

Microeconomics Decision: Theory of the firm, market structures, production decision, theory of distribution, general equilibrium and welfare economics. Macroeconomic decisions, investment, consumption, government international linkages.

ECO 711: Labour Economics

Definition and introduction of labour market; Labour Market theories; labour supply and demand; concept of human capital; Human resource development; wage theory, determination and economic welfare; trade unionism and collective bargaining; Labour challenges in less developed countries; Unemployment; The Nigerian Labour Market; Labour Mobility and Migration; Labour market institutions; Manpower policy; Manpower planning.

ECO 712: Economic Planning

Definitions and Concept; Development Planning; types, levels and ranges of planning: annual, medium-term and perspective plans; Quantitative, qualitative and reformative plans; Sectoral and spatial (national and regional), and social plans; Objectives of development planning; Characteristics of the planning process. Economic development problem; the theory of development policy; Rationale for planning and pre-requisite for successful planning; planning decision models; Planning in Nigeria.

ECO 713: Development Economics

Problem of economic development; pattern of development and dualism; Investment allocation problem; optimal capital accumulation and development; International trade and development process; Planning for economic development.

ECO 714: Energy Economics

This course explores the theoretical and empirical perspectives on individual and industrial demand for energy, energy supply, energy markets, and public policies affecting energy markets. It discusses aspects of the oil, natural gas, electricity, and nuclear power sectors and examines energy tax, price regulation, deregulation, energy efficiency and policies for controlling emission.

ECO 715: Health Economics

Study of the demand and supply of healthcare services, market structures in the determination of healthcare prices or expenses, the role of health insurance; evaluation of healthcare programs, health insurance, public finance for public health, impacts of international trade agreements on healthcare services.

ECO 716: Human Resource Economics

Economic theory related to investment in human capital; education, training, health care, migration, job information, and child quality assuming heterogeneity of population; econometric methods using the selection techniques to correct for ability or selectivity bias; macro effects on investment in human capital, the imbalances between rural and urban sectors; the evolution and expansion of the informal sector in the labour market.

ECO 717: Industrial Economics

Location-Spatial price theory; transport costs and location; optimal location of the firm; the general theory of location and location plants and industries in Nigeria. Industrial Development and Government policy in Nigeria. The case for industrialization; the industrial environment of Nigeria; Growth and structural changes in the manufacturing industry; market structure and conduct of selected manufacturing industries; private and public enterprises and industrial development; the financing and ownership of industrial projects; location of industry and industrial policy (location policy); performance of the industrial sector. Government intervention in the industrial sector in Nigeria.

ECO 799: Research Project

Students are to write and orally defend a research project on an approved topic under the supervision of a faculty member.

3.0 MASTERS OF SCIENCE (MSc) IN ECONOMICS

3.1 OBJECTIVES OF THE PROGRAMME

The MSc programme in Economics is designed to provide training for career progression in the world of work to the top management position in the private and public sectors. It also aims to equip candidates for further academic training in the field of Economics, especially those aspiring to study up to the doctoral level in reputable universities in Nigeria and outside the country. The programme is designed to meet the need of persons from other related fields desiring to switch over to Economics and make career of it. It also aims to develop highly competent and versatile professional economists through the provision of relevant academic courses for academic career as well as middle and top management positions in the private and public sectors. It will expose candidates to an in-depth and scientific knowledge of the subject matter of Economics, including its policy relevance. The programme intends to inculcate in the candidates the spirit of enquiry and develop research capability in socially relevant economic issues in the Nigerian society. The Masters of Science in Economics is a course of study beyond First Degree (B.Sc) and by coursework and research project. It will expose students to critical issues and problems as well as problem solving strategies in Economics. It will also help develop in them academic excellence and intellectual awareness to promote research needed to expand the frontiers of knowledge. The Master of Science (MSc) programme will also equip the students to progress to the levels of Master of Philosophy and Doctor of Philosophy.

3.2 PHILOSOPHY

Arising from the Redeemer's University mission of producing graduates who will be relevant and useful to themselves and society, is the realization for the need of professionals who will engage themselves with studies required for advanced knowledge of the theory and practice of different disciplines. It is important to note that this need cannot be met at the undergraduate level, given the current state of human civilization, with the complexities brought to the fore mainly by globalization and its attendant social dynamics. Graduates now have to compete with counterparts from other nations for job positions in public, private, local and international organizations and the academia. More so, the self-employed have to operate shoulder to shoulder with their counterparts with up-to-date and advanced knowledge in their professions. This informs the need for any good training programme to be equal in standard with those that obtain elsewhere in the world.

Furthermore, it is apparent that the contemporary world economic system is driven by the power of ideas, which means basically a knowledge-based global economy. The increasing competition in the domestic and international scenes that comes along with the process of globalization, will invariably

make a demand, more than ever before, on the knowledge-industry for relevant and scientific ideas generally.

As an integral part of the global economy, Nigerian labour market is increasingly making demand for ideas and skills on the country's university system. Two considerations in particular have necessitated the drive for research and the pressure of demand for postgraduate training in several fields of study, notably Economics. Firstly, is the widespread tendency of public and private sectors opting for a research department/unit headed by graduates of Economics. Secondly, the manpower implication of the rapid expansion of the country's university system and the NUC'S policy of postgraduate requirement for teaching in the university system, has meant the need to have requisite academics for the newly created universities and those to fill vacancies in the older ones.

The mission of the Redeemer's University (RUN) is to continuously impact the society through commitment to excellence in education, research, creativity, innovation, entrepreneurship and raising global leaders as change agents imbued with God-fearing attributes. The essence is to produce men and women of integrity who would be able to stand on their own after graduation. The MSc programme will enable us to train students who can find suitable and learning careers as academia in the university system, industries and research institutes.

3.3 ADMISSION REQUIREMENTS

The criteria for admission into the MSc programme in Economics will be as follows:

- (d) Candidate must satisfy the matriculation requirements of the University including English Language and Mathematics.
- (e) Candidate with Bachelor's degree in Economics and related programmes from an approved university whose programme is accredited by the NUC
- (f) Candidate with a minimum of second-class lower degree from the Redeemer's University or any recognized University as approved by Senate.
- (g) Graduate or a Postgraduate Diploma degree in Economics in Redeemer's University and from any other recognized universities with an average of 60%;

3.4 GRADUATION REQUIREMENTS

In addition to satisfying other university requirements as may be prescribed from time to time by the College of Postgraduate Studies on behalf of Senate, a candidate must have fulfilled the following conditions to be awarded a Master of Science Degree in Economics:

- (a) The candidate must register and pass a minimum of 48 credit units of both compulsory and elective courses as follows:

(iv) Compulsory Courses	30 units
(v) Elective Courses	12 units
(vi) Dissertation/Thesis	6 units
	48 units
- (b) Carry out and submit thesis of an approved topic by the Department and the Board of College of Postgraduate Studies within the stipulated period for graduation.

3.5 COURSE REQUIREMENT

First Semester Courses

Course Codes	Units	Course Title	Remarks
ECO 801	3	Advanced Microeconomic Theory I	Compulsory

ECO 803	3	Advanced Macroeconomic Analysis I	Compulsory
ECO 805	3	Quantitative Method in Economics	Compulsory
ECO 807	3	Advanced Econometric Methods I	Compulsory
ECO 809	3	Research Methodology	Compulsory
ECO 811	3	Issues in Entrepreneurship	Compulsory
ECO 813	3	Development Economics	Elective
ECO 815	3	Monetary Theory	Elective
ECO 817	3	Trade Theory	Elective
ECO 819	3	Petroleum and Energy Economics I	Elective
ECO 821	3	Health Economics I	Elective
ECO 823	3	Project Analysis and Evaluation	Elective
ECO 825	3	Public Finance	Elective
ECO 827	3	Mathematical Economics	Elective
ECO 829	3	Human Resource Economics	Elective

Second Semester Courses

Course Codes	Units	Course Title	Remarks
ECO 802	3	Advanced Microeconomic Theory II	Compulsory
ECO 804	3	Advanced Macroeconomic Theory II	Compulsory
ECO 806	3	Seminar	Compulsory
ECO 808	3	Advanced Econometric Method II	Compulsory
ECO 810	3	Problems and Policies of Development	Elective
ECO 812	3	Monetary Policy	Elective
ECO 814	3	International Finance	Elective
ECO 816	3	Taxation and Fiscal Policy	Elective
ECO 818	3	Development Policy and Planning	Elective
ECO 820	3	Petroleum and Energy Economics II	Elective
ECO 822	3	Health Economics II	Elective
ECO 824	3	Water Economics and Policy I	Elective
ECO 826	3	Population Economics	Elective

3.5 COURSE DESCRIPTION

ECO 801: Advanced Microeconomics Theory I

The components of the course are designed to cover microeconomic analysis at an advanced level relevant for all graduate students of Economics. It focuses on microeconomic issues such as basic axioms of consumer decisions; direct utility maximization and derivation of demand functions; dual approaches to consumer choice and preferences; indirect utility and expenditure functions; Slutsky decomposition of demands; compensation criteria and applications to taxation and rationing; issue of specification and estimation of demand; Sen's theory of entitlements; choice under uncertainty and inter-temporal choice; and production functions; production decisions; and cost maximization; revenue and profit maximization; specification of production; peasant household decision making.

ECO 802: Advanced Microeconomic Theory II

This course is the continuation of Advanced Microeconomic Theory I (ECO 801). It provides additional exposition to further topics like market structure; perfect competition and monopoly models; imperfect competitive market pricing; monopolistic competition and oligopoly models; game theories; theories of maximization; collusion, contestable markets and privatization and regulation; issues of imperfect

information (information economics); credit market and markets for education; screening versus signaling and theory of share cropping; welfare economic and social choice; efficiency equity and second best theory; social cost, externalities; public goods and property rights; general equilibrium economics and extension to rent –seeking activities; auctions; public goods and implementation of the optimal level of provision; principal – agent problem; bargaining theory and Nash solution.

ECO 803 Advanced Macroeconomic Theory I

The course explores theories of Macroeconomics. It addresses topics such as macroeconomic analytical approaches; classical model of income determination; Keynesian model of income determination; consumption function; investment demand functions; disequilibrium and post Keynesian macroeconomics; rational expectation models; model of forward looking behavior; asset arbitrage and dynamic adjustment of fundamentals; inter – temporal optimization; choosing investment and consumption trajectories using the maximum principle; Blanchard’s model of perpetual youth and Kiyotaki models; real business cycles and Lucas supply curve; nominal rigidities and imperfect competition; fishers and Taylor contracts.

ECO 804: Advanced Macroeconomic Theory II

Advanced Macroeconomic Theory II builds on Advanced Macroeconomic Theory I (ECO 803). It focuses on Quantity constrained models, temporary equilibrium and overlapping generations; dynamic in consistency; medium term dynamics; inflation and unemployment; productivity and income, distribution; stock – adjustment dynamic and business cycle theory; long –run growth and capital theory; slow and Ramsey growth model; long run growth and policy; growth and development disequilibrium models policies for potential unstable economy.

ECO 805: Quantitative Method in Economics

The contents of this include the following: Set Theory and Application to Economic; Linear models in Economic Analysis; Application of Matrix Algebra to Economic Problems; Comparative Statistics and Optimization problems in Economics; Dynamics Analysis and its applications; Linear and Non-linear Programming applications in Economics; Constrained Optimization Techniques; Differential and integral calculus applications in Economics; Market models with price expectations; Activity Analysis-Micro and Macro levels; Kuhn-Tucker Sufficiency Theorem and applications; Arrow-Enthoven Sufficiency Theorem and applications to economic problems; Estimation of single equation models.

ECO 806: Seminar

Candidates will be required to make at least one seminar presentation during the period of registration from any of these seminar courses. Each student will be required to produce a manuscript in the usual journal format on the topic under investigation. For these candidates, a sound literature review and development of relevant mathematical models of techniques of analysis related to the dissertation topics will be acceptable.

ECO 807: Advanced Econometric Methods I

This course focuses on the specification and estimation of the linear regression model. The course departs from the standard Gauss-Markov assumptions to include heteroskedasticity, serial correlation, and errors in variables. Advanced topics include generalized least squares, instrumental variables, nonlinear regression, and limited dependent variable models. Study of simultaneous equation system methods.

ECO 808: Advanced Econometric Methods II

The course provides a survey of the theory and application of time series methods in econometrics. Topics covered will include univariate stationary and non-stationary models, vector autoregressions, frequency domain methods, models for estimation and inference in persistent time series, and

structural breaks. We will cover different methods of estimation and inferences of modern dynamic stochastic general equilibrium models (DSGE); simulated method of moments, maximum likelihood and Bayesian approach.

ECO 809: Research Methodology

This course takes a broad at issues pertinent to all researches in economics. It includes a discussion of nature of research; research philosophies and methods; steps involved in research; literature reviews and data sources; the status and growth of economic knowledge; ethics of economic research; and overall design of a research project- aims, philosophy and methods, evaluating existing research, and writing up and disseminating findings.

ECO 810: Problems and Policies of Development

This course examines the various sectoral angles as well as social and regional aspects of the development problems and policy. Specifically, it would consider the multi-sectoral interaction processes of development and appropriate policy strategies; the problems and roles of the various economic sectors; education and manpower development, rural and regional development problems and urbanization, income distribution; and the Nigeria development and planning experiences.

ECO 811: Issues in Entrepreneurship

Definitions and Concepts of Entrepreneurship; Entrepreneurial Investment Opportunities for expansion; Women and Youth Entrepreneurship; Micro, Small and Medium Business Enterprises and Self Employment; Feasibility Studies and Entrepreneurship; Barriers to Entrepreneurship; The Protection of Creative Ideas and Intellectual Rights; Sources of Financing Business: An Entrepreneurial Perspective; Forms of Business Ownership; Business Ethics and Social Responsibility; The Concept of Business and New Value Creation; The Entrepreneurial Marketing; The Nigerian Entrepreneurial Environment; Family Business and Succession Plan.

ECO 812: Monetary Policy

This course covers the structure and topics in advanced monetary theory, banking practices and the theory of exchange. It consists of structure and problems of contemporary monetary and financial institutions with emphasis on developing countries; Instruments for conducting monetary policy; Controversies on the mechanics of monetary policy; Money, Finance and National Debt.

ECO 813: Development Economics

This course discusses the structure and problems of less-developed countries globally; the meaning of development and the measures and indicators of development. It would also consider the theories of Economic Growth and factors affecting growth and development. It would conclude by applying the concepts, analysis and theories to the Nigerian experience.

ECO 814: International Finance

Study of balance of payments, international capital movements, various adjustments of the balance of payments, the determination of the exchange rate, macroeconomic policy on internal and external balances, and monetary integration, foreign exchange markets, international liquidity and reform of the international monetary system.

ECO 815: Monetary Theory

This course covers the structure and topics in advanced monetary theory, banking practices and the theory of exchange. Money and general equilibrium theory, banking practices and the theory of exchange; Money and general equilibrium theory; Quantity theory and portfolio balance and inventory theoretical approach; Theory of interest rate; Financial Intermediation; Theory of Inflation; Money in growth models.

ECO 816: Taxation and Fiscal Policy

Taxation: Static and Dynamic Incidence, Corporate Tax Incidence, Taxation and Resource Allocation: the concept of excess burden and its measurement; effects of taxation on the supply of effort, capital formation and risk taking. Public Debt Incidence Accelerated Depreciation and other tax incentives. Fiscal Policy theory of income determination and stabilization; fiscal dynamics and pricing criteria- case study of some Nigerian public enterprises.

ECO 817: Trade Theory

An advanced treatment of factors influencing trade relations between countries. Static and dynamic versions of the theory of comparative advantage. Factor endowments and factor price equalization, the theory of customs Unions and Regional Economic Integration.

ECO 818: Development Policy and Planning

Topics include: Conceptual controversies on Growth and Development, Contemporary definitions of Economic Development, Operational Definition of Economic Development, Scope and Nature of Planning, the Free Market System and Resource Allocation, Market Aid versus Market Replacement Argument, Development Planning in an Era of Economic Liberation, Alternative approaches to Economic Planning, Planning for Economic Development; Issues in formulation of Planning Objectives; Instruments of Planning; Mobilization of resources for Development; Techniques of Development Planning; Analytical Growth Models; Input-output Analysis; Analysis, Cost-Benefit Analysis; Budgeting System; Structure and Techniques, Plan Construction and Plan Implementation; Economic Reforms and impact on Planning; Overview of Development Planning Records in Nigeria and Some Selected Countries.

ECO 819: Petroleum and Energy Economics I

This course explores the theoretical and empirical perspectives on individual and industrial demand for energy, energy supply, energy markets, and public policies affecting energy markets. It discusses aspects of the oil, natural gas, electricity, and nuclear power sectors and examines energy tax, price regulation, deregulation, energy efficiency and policies for controlling emission.

ECO 820: Petroleum and Energy Economics II

The Structure of World Energy Industry Supply and Demand Inter-relationship among Exporting and Importing Countries. Inter-fuel Competition, Coal, Gas and Demand for Natural Gas, LNG etc. Issues and Prospect and Energy Management. National and International financial implication of Fuel Economy. The Less-Developed Countries; Patterns of Energy Consumption and Import Requirements, the impacts of Oil Prices and Increased Oil Imports, Costs Alternatives for Less-Developed Countries. The future and energy.

ECO 821: Health Economics I

Introduction- scope and significance of health economics, health and economic development- interactions between health and economic development; health indices; demographic and epidemiological transitions: microeconomic applications in health demand for health services-medical markets: determinants of demand for health services, production of health-cost of health services. Economics evaluation of health care programmes-cost analysis: cost-benefits analysis: cost effectiveness analysis: cost utility analysis. Health sector financing-health expenditure analysis; alternatives sources of health care financing; reform of health finance. Government and health- health planning regulations; health sectors reform, health research etc.

ECO 822: Health Economics II

Study of the demand and supply of healthcare services, market structures in the determination of healthcare prices or expenses, the role of health insurance; evaluation of healthcare programs, health

insurance, public finance for public health, impacts of international trade agreements on healthcare services.

ECO 823: Project Analysis and Evaluation

Project analysis is a tool of optimizing behaviour. It involves finding economic justification of public investment expenditure- public goods, externalities, increasing returns to scale, income distribution and other cases and costs; secondary benefits; valuation of benefits- shadow prices for resources and output; time preference; investment criteria; problems of multiple objectives; treatment of risk and uncertainty in project evaluation.

ECO 824 Water Economics and Policy

Economic concepts and principles for understanding water issues; problems of water resources; Economics of water policy and decision-making; Water markets; water demand and supply; economic instruments for water policies; water pricing, water valuation; Water resource management; water and environmental sustainability; water and development, Water, sanitation and health, water and conflicts, water and poverty, climate change and water security, water and food security.

ECO 825: Public Finance

The theory of Public Expenditure- normative aspects: the welfare framework: public goods and optimum allocation of resources; the voluntary exchange theory; externalities and merit goods. Positive aspects; the theory of public expenditure growth and its determinants. Efficiency in public expenditures and criteria for public investments: Benefit cost analysis- treatment on a more advanced scale with case studies from education, health and transport. Introduction to system analysis- Cost Effective Analysis.

ECO 826: Population Economics

This course focuses on the main issues that are critical in the field of population and demography from the perspective of economics. Topics covered include: theories of population change; economic and social causes and consequences of population change; economics of migration, including economic sources and consequences; fertility, age structure and the demographic dividend; economics of mortality and morbidity, covering their determinants; Economics of Age and Sex Structure; Family, Household, and Gender Economics with focus on economics of family structure and intra-household allocation of resources; population and economic growth; etc.

ECO 827: Mathematical Economics

The use of set theory, relations and functions (including exponential, logarithmic, and numerical functions), graphs; general difference equation (differential) and integral calculus; maxima and minima; linear algebra, determinants, matrix and vector analysis; solution of equation systems and linear programming.

ECO 829: Human Resource Economics

Labour market theories; human capital theories; theoretical and empirical models of labour supply and demand; job creation and destruction, employment and unemployment persistence; job search theory and evidence; regional labour markets; efficiency wage theory and rigidities, model of union – employer bargaining; unions and relative wages; technical change and productivity; bargaining breakdown, arbitration and strikes, industrial relations, Nigeria case studies.

4.0 MPhil ECONOMICS

4.1 OBJECTIVES

The main objective of the MPhil programme is to further deepen and broaden the academic and research skill of students who have gone through the MSc. programme and could not proceed to PhD. However, they are inclined towards further studies and career in academics and high-level policy positions in both the private and public sectors of the economy. It also aims to equip candidates for further academic training in the fields of Economics, especially those aspiring to study up to the doctoral level in reputable universities in Nigeria and outside the country. It exposes candidates to an in-depth and scientific knowledge of the subject matter of Economics, including its policy relevance. The programme intends to inculcate in the candidates the spirit of enquiry and develop research capability in socially relevant economic issues in the Nigerian society.

4.2 ADMISSION REQUIREMENTS

The criteria for admission into the MPhil programme in Economics will be as follows:

- (a) Candidate must satisfy the matriculation requirements of the University including credit passes in six subjects English Language and Mathematics at not more than two sittings.
- (b) Candidate with Bachelor's degree in Economics and related programme from an approved university whose programme is accredited by the NUC
- (c) Candidate with a minimum of Second-Class Lower degree from the Redeemer's University or any recognized University as approved by Senate.
- (d) MSc. degree in Economics in Redeemer's University and from any other recognized universities with between 50-54.99% aggregate score.

4.3 GRADUATION REQUIREMENTS

To be awarded a Master of Philosophy Degree in Economics, a candidate must have fulfilled the following conditions:

- (a) The candidate must register and pass a minimum of 33 credit units of both compulsory and elective courses as well as dissertation/Thesis as follows:

(i)	Compulsory Courses	21 units
(ii)	Elective Courses	6 units
(iii)	Dissertation	6 units
		33 units
- (b) All those who have not registered and passed PGS 801 and PGS 802: - Leadership/Foundation Training programme for postgraduate students I and II (OC) will have to register and pass PGS 901 and 902 as a requirement for graduation.
- (c) Candidates must demonstrate a satisfactorily high level of research potentials in seminar presentations.
- (d) All candidates must prepare and submit a supervised research work (Thesis) of an approved topic by the Department and the Board of the College of Postgraduate Studies within the stipulated period for graduation, which must make an original contribution to knowledge in the field of Economics.
- (e) Candidates must have at least one research article published or accepted for publication in a reputable peer reviewed journal before the oral examination of the candidate's thesis.
- (f) In addition, all other conditions and requirements in the regulation of the School of Postgraduate Studies must be satisfied for the award of the degree

4.4 COURSES STRUCTURE FOR MPhil (ECONOMICS)

First Semester Courses

Course Codes	Units	Course Title	Remarks
ECO 901	3	Advanced Microeconomic Theory	Compulsory
ECO 903	3	Advanced Econometric Methods I	Compulsory
ECO 905	3	Advanced Quantitative Method in Economics	Compulsory
ECO 907	3	Research Methodology	Compulsory
ECO 909	3	Advanced Monetary and Financial Institutions	Elective
ECO 911	3	Advanced Trade Theory	Elective
ECO 913	3	Advanced Petroleum and Energy Economics I	Elective
ECO 915	3	Advanced Health Economics I	Elective
ECO 917	3	Advanced Project Analysis and Evaluation	Elective
ECO 919	3	Advanced Public Finance Theory	Elective
ECO 921	3	Advanced Theories of Growth and Development	Elective
ECO 923	3	Advanced Mathematical Economics	Elective
ECO 925	3	Advanced Environmental Economics	Elective
ECO 927	3	Advanced Environmental Economics and Policy Issues	Elective

Total compulsory unit = 12

Minimum total elective units required= 3

Total units = 15

Maximum registerable units/semester = 18

Second Semester Courses

Course Codes	Units	Course Title	Remarks
ECO 902	3	Advanced Macroeconomic Theory	Compulsory
ECO 904	3	Econometric Methods II	Compulsory
ECO 906	3	Mathematical Statistics	Compulsory
ECO 908	3	Advanced Monetary Theory	Elective
ECO 910	3	Advanced International Finance	Elective
ECO 912	3	Advanced Petroleum and Energy Economics II	Elective
ECO 914	3	Advanced Health Economics II	Elective
ECO 916	3	Advanced Economics of Industrial Organization	Elective
ECO 918	3	Advanced Public Sector Economics	Elective
ECO 920	3	Advanced Development Policy and Planning	Elective
ECO 922	3	Advanced Water Economics and Policy	Elective
ECO 924	3	Advanced Economics and Environmental Analysis	Elective

Total compulsory unit = 9

Total Elective units = 3

Total units = 12

Maximum registerable units/semester = 18

4.5 COURSE DESCRIPTION

ECO 901: Advanced Microeconomics Theory

Trends in the theory of consumer behaviour, theory of the firm and theory of the market, existence, and stability and uniqueness in competitive equilibrium, advanced topics in welfare economics.

ECO 902: Advanced Macroeconomic Theory

Research in new frontiers of macro-economic theory, advances in monetary theory, managing the macro-economy in an era of private sector dominance, monetary policy co-ordination, advanced theory

of internal and external balance, the aggregate economy and exchange rate management.

ECO 903: Advanced Econometric Methods I

Advanced linear model, hypothesis testing, miscellaneous single equation problems, preliminary test estimator, alternative residual specifications, the BLUE, residuals, asymptotic distribution theory, and generalized least square encompassing Error Correction Models (ECM), general moments estimation and vector autoregression techniques, computer programmes SPSS, E-view, Time series processor (TSP), J-Multi etc and other economic software.

ECO 904: Advanced Econometric Methods II

This course is continuation on advanced linear model and stochastic restrictions on the general linear model, hypothesis testing, miscellaneous single equation problems, preliminary test estimator, alternative residual specifications, the BLUE, residuals, asymptotic distribution theory, and generalized least square encompassing Error Correction Models (ECM), general moments estimation and vector autoregression techniques, computer programmes SPSS, E-view, Time series processor (TSP).

ECO 905: Quantitative Method in Economics

Categories of quantitative methods (econometrics, sampling methods, operations research methods, etc) modelling in economics and applications, simulation techniques; computer packages and various applications.

ECO 906: Mathematical Statistics

This course discusses developments and advances in mathematical economics research, challenges researchers must overcome, computer packages in mathematical economics. The use of set theory, relations and functions (including exponential, logarithmic, and numerical functions); general difference equation and integral calculus, linear models and matrix algebra, and non-linear models. Linear programming and game theory, dynamics integer, and non-linear programming as well as dynamic programming; project scheduling using network and critical path analysis, probability, inventory, and queuing theory.

ECO 907: Research Methodology

This module takes a broad view, dealing with issues pertinent to all research in economic. It includes a discussion of: literature reviews and data sources; the status and growth of economic knowledge; ethics of economic research; and overall design of a research project- aims, philosophy and methods, evaluating existing research, and writing up and disseminating findings

ECO 908: Advanced Monetary Theory

Advanced Monetary Theory, Banking Practices and the Theory of Exchange. Money and General Equilibrium Theory, The Supply and the demand for money; Quantity theory, Portfolio Balance and Inventory Theoretic Approach, Theory of Interest Rate, Financial Intermediation, Theory of Inflation, Money in Growth models. Instruments for Conducting Monetary Policy. Controversies on the Mechanics of Monetary Policy; Money, Finance and the National Debt. Expectations and Adjustment theories.

ECO 909: Advanced Monetary and Financial Institutions

This course covers the structure and topics in advanced monetary theory, banking practices and the theory of exchange. In addition, the course discusses new paradigms in monetary and financial management and international co-operation in trade international finance. Trends in research in the above are discussed as well.

ECO 910: Advanced International Finance

Advanced theory and management of Balance of payments and policy, Frontiers of research in international finance, IMF and WTO in international trade and finance (treaties and focus), Advanced monetary theory of balance of payments, theory and practice of consolidation of financial institutions.

ECO 911: Advanced Trade Theory

An advanced treatment of factors influencing trade relations between countries. Static and dynamic versions of the theory of comparative advantage. Factor endowments and factor price equalization, the theory of customs Unions and Regional Economic Integration.

ECO 912: Advanced Petroleum and Energy Economics II

The Structure of World Energy Industry Supply and Demand Inter-relationship among Exporting and Importing Countries. Inter-fuel Competition, Coal, Gas and Demand for Natural Gas, LNG etc. Issues and Prospect and Energy Management. National and International financial implication of Fuel Economy. The Less-Developed Countries; Patterns of Energy Consumption and Import Requirements, the impacts of Oil Prices and Increased Oil Imports, Costs Alternatives for Less-Developed Countries. The future and energy

ECO 913: Advanced Petroleum and Energy Economics I

This course explores the theoretical and empirical perspectives on individual and industrial demand for energy, energy supply, energy markets, and public policies affecting energy markets. It discusses aspects of the oil, natural gas, electricity, and nuclear power sectors and examines energy tax, price regulation, deregulation, energy efficiency and polices for controlling emission.

ECO 914: Advanced Health Economics II

Introduction- scope and significance of health economics, health and economic development- interactions between health and economic development; health indices; demographic and epidemiological transitions: microeconomic applications in health demand for health services-medical markets: determinants of demand for health services, production of health-cost of health services. Economics evaluation of health care programmes-cost analysis: cost-benefits analysis: cost effectiveness analysis: cost utility analysis. Health sector financing-health expenditure analysis; alternatives sources of health care financing; reform of health finance. Government and health- health planning regulations; health sectors reform, health research etc.

ECO 915: Advanced Health Economics I

Study of the demand and supply of healthcare services, market structures in the determination of healthcare prices or expenses, the role of health insurance; evaluation of healthcare programs, health insurance, public finance for public health, impacts of international trade agreements on healthcare services.

ECO 916: Advanced Theory of the Firm and Industrial Organization. This course covers advanced production in analysis, costs analysis and estimation in theory and practice, measurement of profitability, capital costs estimation, risk measurement, uncertainties and profitability in relation to types of industrial organizations.

ECO 917: Advanced Project Analysis and Evaluation

Project analysis is a tool of optimizing behaviour. It involves finding economic justification of public investment expenditure- public goods, externalities, increasing returns to scale, income distribution and other cases and costs; secondary benefits; valuation of benefits- shadow prices for resources and output; time preference; investment criteria; problems of multiple objectives; treatment of risk and uncertainty in project evaluation.

ECO 918: Advanced Public Sector Economics

Taxation: Static and Dynamic Incidence, Corporate Tax Incidence, Taxation and Resource Allocation: the concept of excess burden and its measurement; effects of taxation on the supply of effort, capital formation and risk taking. Public Debt Incidence Accelerated Depreciation and other tax incentives. Fiscal Policy theory of income determination and stabilization; fiscal dynamics and pricing criteria- case study of some Nigerian public enterprises

ECO 919: Advanced Public Finance Theory

Advanced treatment of the theory of public expenditure - Normative and positive aspects; the theory of public expenditure (growth and its determinants). Efficiency in public expenditures and criteria for public investments; Benefit cost analysis – treatment on a more advanced scale with case studies form education health and transportation. Principles of Federal Budgeting: Construction and structure; The Federal tax system; efficiency, equity and stability; Pubic expenditure: efficiency and stability. Current Issues: Environment, Poverty and energy consumption

ECO 920: Advanced Development Policy and Planning

Conceptual controversies on Growth and Development, Contemporary definitions of Economic Development, Operational Definition of Economic Development, Scope and Nature of Planning, the Free Market System and Resource Allocation, Market Aid versus Market Replacement Argument, Development Planning in an Era of Economic Liberation, Alternative approaches to Economic Planning, Planning for Economic Development; Issues in formulation of Planning Objectives; Instruments of Planning; Mobilization of resources for Development; Techniques of Development Planning; Analytical Growth Models; Input-output Analysis; Analysis, Cost-Benefit Analysis; Budgeting System; Structure and Techniques, Plan Construction and Plan Implementation; Economic Reforms and impact on Planning; Overview of Development Planning Records in Nigeria and Some Selected Countries.

ECO 921: Advanced Theories of Growth and Development

Equilibrium growth and steady state, geometry and mathematics of production and cost curves in growth theory, one-sector models of Harrod-Domar, Solow-Swan and Cambridge, technological progress, two-sector models and multi-sector models, disequilibrium model.

ECO 922: Advanced Water Economics and Policy

Economic concepts and principles for understanding water issues; problems of water resources; Economics of water policy and decision-making; Water markets; water demand and supply; economic instruments for water policies; water pricing, water valuation; Water resource management; water and environmental sustainability; water and development, Water, sanitation and health, water and conflicts, water and poverty, climate change and water security, water and food security.

ECO 923: Advanced Mathematical Economics

This course will deal with issues and trends, macro-economic modelling and applications, Trends in dynamic and linear programming application in micro and macroeconomic modelling, available software packages and applications. Application in industry and national economic institutions.

ECO 924: Advanced Economics and Environmental Analysis

Environmental Analysis, Benefits and Costs, Supply and Demand, Economic Efficiency, Economics of Environmental Quality, Analytical Methods; Valuation Methods in Environmental Economics, Fundamentals of Environmental Valuation, Environmental Impact Assessment, Concepts in Welfare Economics; Total Economic Value and Valuation Methods ; Contingent Valuation; Travel Cost Method; and Hedonic Travel Cost Method.

ECO 925: Advanced Environmental Economics

Economic perspectives of the environment; microeconomic concepts to the study of environmental improvement. criteria and strategies in the development and implementation of environmental policies; the past and present state of environmental wellbeing with respect to air, water and waste management; Theoretical and policy formulations with respect to environmental management issues such as air and water quality, and solid and hazardous waste.

ECO 927: Advanced Environmental Economics and Policy Issues

Overview of environmental and ecological economics; Environmental externalities and market failure, Solutions to the Externality Problem; environmental valuation, Resource allocation over time, Common property and public goods, the role of government in the regulation of the environment; Economy/environment interactions, Energy and the environment, Global climate change, Climate change policies, Pollution analysis and policy, Water Pollution, Water Pollution-Control Policy, Air Pollution, Waste Pollution; Policy on Toxics and Hazardous Substances; Environmental regulation, Trade and the environment, Consumption, poverty, and environment; Institutions for sustainable development; Economy and natural environment; Sustainability; Environment and Growth, the Global Environment;

List of additional courses

PGS 901: Leadership/ Foundation Training I (0C)

Leadership/Foundation Training programme for postgraduate students

PGS 902: Leadership/ Foundation Training II (0C)

Leadership/Foundation Training programme for postgraduate students

5.0 MPhil/PhD ECONOMICS

5.1 OBJECTIVES

The reason behind this programme is to forestall the endemic shortage of PhD holders in the field of economics in Nigeria. The recent developments in the global market and the relevance of economic knowledge to virtually every discipline and sphere of work has increased. Also, there is increasing demand for advanced studies in economics from workers in the public and private sectors who do not have formal background in economics science.

The main objective of the programme is to further deepen and broaden the academic and research skill of students who have gone through the MSc programme and are inclined towards further studies and career in academics. It also aims to equip candidates for further academic training in the fields of Economics, especially those aspiring to study up to the doctoral level.

5.2 ADMISSION REQUIREMENTS

The criteria for admission into the MPhil/PhD Programme in Economics is as follows:

- a) Candidate must satisfy the matriculation requirements of the University including credit passes in five subjects at not more than two sittings and the subjects must include English Language and Mathematics.
- b) Candidate must possess Bachelor's degree in Economics and related programmes from an approved university whose programme is accredited by the NUC
- c) Candidate must have a minimum of Second Class Lower degree from Redeemer's University or any recognized University as approved by Senate.

- d) MSc degree of the Redeemers University or any other recognized University with a aggregate scores of between 55.0% and 59.9%;
- e) MPhil degree of Redeemers University or any other recognized University.
Candidates may be required to satisfy the Department in an interview or written examination or both.
- c) Candidates on MPhil/PhD degree programme, which will have their status converted to PhD programme must satisfy the following conditions:
 - i) The candidate must register for and pass coursework with at least 60% aggregate score;
 - ii) Candidate must present a detailed and acceptable research proposal with preliminary results on a topic of interest in the chosen area;
 - iii) He/She shall undergo a conversion examination to be conducted by an examination panel;
 - v) The candidate shall be required to score a minimum of 60% to proceed to PhD;
 - vi) The candidate who fails to meet the required 60% minimum score to proceed to PhD shall complete his/her dissertation and be awarded MPhil Degree provided the candidate scores a minimum of 50%;
 - vii) A candidate who fails to proceed within the immediate session shall be required to re-apply.

5.4 REQUIREMENTS FOR GRADUATION

- (i) To satisfy the requirements for the award of PhD degree in Economics, candidates must offer and pass at least sixteen (16) units of compulsory courses and four (4) units of electives.
- (ii) All those who have not registered and passed PGS 801 and PGS 802: - Leadership/Foundation Training programme for postgraduate students I and II (OC) will have to register and pass PGS 901 and 902 as a requirement for graduation.
- (iii) Candidates must have at least two research articles published in reputable peer reviewed journals or submitted manuscripts undergoing review for publication in such journals before the oral examination of the candidate's thesis.
- (iv) Candidates must demonstrate a satisfactorily high level of research potentials in seminar presentations. All candidates must prepare and submit thesis of an approved topic by the Department and the Board of College of Postgraduate
- (v) Studies within the stipulated period for graduation which must make an original contribution to knowledge in the field of Economics. The thesis shall contain between 45,000 and 100,000 words.

5.5 COURSE STRUCTURE

Courses for PhD (Economics)

First Semester Courses

Course Codes	Units	Course Title	Remarks
ECO 901	3	Advanced Microeconomic Theory	Compulsory
ECO 903	2	Advanced Econometric Methods I	Compulsory
ECO 905	2	Advanced Quantitative Method in Economics	Compulsory
ECO 907	2	Research Methodology	Compulsory
ECO 909	2	Advanced Monetary and Financial Institutions	Elective
ECO 911	2	Advanced Trade Theory	Elective
ECO 913	2	Advanced Petroleum and Energy Economics I	Elective
ECO 915	2	Advanced Health Economics I	Elective

ECO 917	2	Advanced Project Analysis and Evaluation	Elective
ECO 919	2	Advanced Public Finance Theory	Elective
ECO 921	2	Advanced Theories of Growth and Development	Elective
ECO 923	2	Advanced Mathematical Economics	Elective
ECO 925	2	Advanced Environmental Economics	Elective
ECO 927	2	Advanced Environmental Economics and Policy Issues	Elective

Total compulsory units = 9

Total Elective units = 2

Total units = 11

Maximum registerable units/semester = 15

Second Semester Courses

Course Codes	Units	Course Title	Remarks
ECO 902	3	Advanced Macroeconomic Theory	Compulsory
ECO 904	2	Econometric Methods II	Compulsory
ECO 906	2	Mathematical Statistics	Compulsory
ECO 908	2	Advanced Monetary Theory	Elective
ECO 910	2	Advanced International Finance	Elective
ECO 912	2	Advanced Petroleum and Energy Economics II	Elective
ECO 914	2	Advanced Health Economics II	Elective
ECO 916	2	Advanced Economics of Industrial Organization	Elective
ECO 918	2	Advanced Public Sector Economics	Elective
ECO 920	2	Advanced Development Policy and Planning	Elective
ECO 922	2	Advanced Water Economics and Policy	Elective
ECO 924	2	Advanced Economics and Environmental Analysis	Elective

Total compulsory unit = 7

Total Elective units = 2

Total units = 9

Maximum registerable units/semester = 15

5.6 COURSE DESCRIPTION

ECO 901: Advanced Microeconomics Theory

Trends in the theory of consumer behaviour, theory of the firm and theory of the market, existence, and stability and uniqueness in competitive equilibrium, advanced topics in welfare economics.

ECO 902: Advanced Macroeconomic Theory

Research in new frontiers of macroeconomic theory, advances in monetary theory, managing the macro-economy in an era of private sector dominance, monetary policy coordination, advanced theory of internal and external balance, the aggregate economy and exchange rate management.

ECO 903: Advanced Econometric Methods I

Advanced linear model, hypothesis testing, miscellaneous single equation problems, preliminary test estimator, alternative residual specifications, the BLUE, residuals, asymptotic distribution theory, and generalized least square encompassing Error Correction Models (ECM), general moments estimation and vector autoregression techniques, computer programmes SPSS, E-view, Time series processor (TSP), J-Multi etc and other economic software.

ECO 904: Advanced Econometric Methods II

This course is continuation on advanced linear model and stochastic restrictions on the general linear model, hypothesis testing, miscellaneous single equation problems, preliminary test estimator, alternative residual specifications, the BLUE, residuals, asymptotic distribution theory, and generalized least square encompassing Error Correction Models (ECM), general moments estimation and vector autoregression techniques, computer programmes SPSS, E-view, Time series processor (TSP).

ECO 905: Quantitative Method in Economics

Categories of quantitative methods (econometrics, sampling methods, operations research methods, etc) modelling in economics and applications, simulation techniques; computer packages and various applications.

ECO 906: Mathematical Statistics

This course discusses developments and advances in mathematical economics research, challenges researchers must overcome, computer packages in mathematical economics. The use of set theory, relations and functions (including exponential, logarithmic, and numerical functions); general difference equation and integral calculus, linear models and matrix algebra, and non-linear models. Linear programming and game theory, dynamics integer, and non-linear programming as well as dynamic programming; project scheduling using network and critical path analysis, probability, inventory, and queuing theory.

ECO 907: Research Methodology

This module takes a broad view, dealing with issues pertinent to all research in economic. It includes a discussion of: literature reviews and data sources; the status and growth of economic knowledge; ethics of economic research; and overall design of a research project- aims, philosophy and methods, evaluating existing research, and writing up and disseminating findings

ECO 908: Advanced Monetary Theory

Advanced Monetary Theory, Banking Practices and the Theory of Exchange. Money and General Equilibrium Theory, The Supply and the demand for money; Quantity theory, Portfolio Balance and Inventory Theoretic Approach, Theory of Interest Rate, Financial Intermediation, Theory of Inflation, Money in Growth models. Instruments for Conducting Monetary Policy. Controversies on the Mechanics of Monetary Policy; Money, Finance and the National Debt. Expectations and Adjustment theories.

ECO 909: Advanced Monetary and Financial Institutions

This course covers the structure and topics in advanced monetary theory, banking practices and the theory of exchange. In addition, the course discusses new paradigms in monetary and financial management and international co-operation in trade international finance. Trends in research in the above are discussed as well.

ECO 910: Advanced International Finance

Advanced theory and management of Balance of payments and policy, Frontiers of research in international finance, IMF and WTO in international trade and finance (treaties and focus), Advanced monetary theory of balance of payments, theory and practice of consolidation of financial institutions.

ECO 911: Advanced Trade Theory

An advanced treatment of factors influencing trade relations between countries. Static and dynamic versions of the theory of comparative advantage. Factor endowments and factor price equalization, the theory of customs Unions and Regional Economic Integration.

ECO 912: Advanced Petroleum and Energy Economics II

The Structure of World Energy Industry Supply and Demand Inter-relationship among Exporting and Importing Countries. Inter-fuel Competition, Coal, Gas and Demand for Natural Gas, LNG etc. Issues and Prospect and Energy Management. National and International financial implication of Fuel Economy. The Less-Developed Countries; Patterns of Energy Consumption and Import Requirements, the impacts of Oil Prices and Increased Oil Imports, Costs Alternatives for Less-Developed Countries. The future and energy

ECO 913: Advanced Petroleum and Energy Economics I

This course explores the theoretical and empirical perspectives on individual and industrial demand for energy, energy supply, energy markets, and public policies affecting energy markets. It discusses aspects of the oil, natural gas, electricity, and nuclear power sectors and examines energy tax, price regulation, deregulation, energy efficiency and policies for controlling emission.

ECO 914: Advanced Health Economics II

Introduction- scope and significance of health economics, health and economic development- interactions between health and economic development; health indices; demographic and epidemiological transitions: microeconomic applications in health demand for health services-medical markets: determinants of demand for health services, production of health-cost of health services. Economics evaluation of health care programmes-cost analysis: cost-benefits analysis: cost effectiveness analysis: cost utility analysis. Health sector financing-health expenditure analysis; alternatives sources of health care financing; reform of health finance. Government and health- health planning regulations; health sectors reform, health research etc.

ECO 915: Advanced Health Economics I

Study of the demand and supply of healthcare services, market structures in the determination of healthcare prices or expenses, the role of health insurance; evaluation of healthcare programs, health insurance, public finance for public health, impacts of international trade agreements on healthcare services.

ECO 916: Advanced Theory of the Firm and Industrial Organization. This course covers advanced production in analysis, costs analysis and estimation in theory and practice, measurement of profitability, capital costs estimation, risk measurement, uncertainties and profitability in relation to types of industrial organizations.

ECO 917: Advanced Project Analysis and Evaluation

Project analysis is a tool of optimizing behaviour. It involves finding economic justification of public investment expenditure- public goods, externalities, increasing returns to scale, income distribution and other cases and costs; secondary benefits; valuation of benefits- shadow prices for resources and output; time preference; investment criteria; problems of multiple objectives; treatment of risk and uncertainty in project evaluation.

ECO 918: Advanced Public Sector Economics

Taxation: Static and Dynamic Incidence, Corporate Tax Incidence, Taxation and Resource Allocation: the concept of excess burden and its measurement; effects of taxation on the supply of effort, capital formation and risk taking. Public Debt Incidence Accelerated Depreciation and other tax incentives. Fiscal Policy theory of income determination and stabilization; fiscal dynamics and pricing criteria- case study of some Nigerian public enterprises

ECO 919: Advanced Public Finance Theory

Advanced treatment of the theory of public expenditure - Normative and positive aspects; the theory of public expenditure (growth and its determinants). Efficiency in public expenditures and criteria for

public investments; Benefit cost analysis – treatment on a more advanced scale with case studies form education health and transportation. Principles of Federal Budgeting: Construction and structure; The Federal tax system; efficiency, equity and stability; Pubic expenditure: efficiency and stability. Current Issues: Environment, Poverty and energy consumption

ECO 920 : Advanced Development Policy and Planning

Conceptual controversies on Growth and Development, Contemporary definitions of Economic Development, Operational Definition of Economic Development, Scope and Nature of Planning, the Free Market System and Resource Allocation, Market Aid versus Market Replacement Argument, Development Planning in an Era of Economic Liberation, Alternative approaches to Economic Planning, Planning for Economic Development; Issues in formulation of Planning Objectives; Instruments of Planning; Mobilization of resources for Development; Techniques of Development Planning; Analytical Growth Models; Input-output Analysis; Analysis, Cost-Benefit Analysis; Budgeting System; Structure and Techniques, Plan Construction and Plan Implementation; Economic Reforms and impact on Planning; Overview of Development Planning Records in Nigeria and Some Selected Countries.

ECO 921: Advanced Theories of Growth and Development

Equilibrium growth and steady state, geometry and mathematics of production and cost curves in growth theory, one-sector models of Harrod-Domar, Solow-Swan and Cambridge, technological progress, two-sector models and multi-sector models, disequilibrium model.

ECO 922: Advanced Water Economics and Policy

Economic concepts and principles for understanding water issues; problems of water resources; Economics of water policy and decision-making; Water markets; water demand and supply; economic instruments for water policies; water pricing, water valuation; Water resource management; water and environmental sustainability; water and development, Water, sanitation and health, water and conflicts, water and poverty, climate change and water security, water and food security.

ECO 923: Advanced Mathematical Economics

This course will deal with issues and trends, macro-economic modelling and applications, Trends in dynamic and linear programming application in micro and macroeconomic modelling, available software packages and applications. Application in industry and national economic institutions.

ECO 924: Advanced Economics and Environmental Analysis

Environmental Analysis, Benefits and Costs, Supply and Demand, Economic Efficiency, Economics of Environmental Quality, Analytical Methods; Valuation Methods in Environmental Economics, Fundamentals of Environmental Valuation, Environmental Impact Assessment, Concepts in Welfare Economics; Total Economic Value and Valuation Methods; Contingent Valuation; Travel Cost Method; and Hedonic Travel Cost Method.

ECO 925: Advanced Environmental Economics

Economic perspectives of the environment; microeconomic concepts to the study of environmental improvement. criteria and strategies in the development and implementation of environmental policies; the past and present state of environmental wellbeing with respect to air, water and waste management; Theoretical and policy formulations with respect to environmental management issues such as air and water quality, and solid and hazardous waste.

ECO 927: Advanced Environmental Economics and Policy Issues

Overview of environmental and ecological economics; Environmental externalities and market failure, Solutions to the Externality Problem; environmental valuation, Resource allocation over time, Common property and public goods, the role of government in the regulation of the environment;

Economy/environment interactions, Energy and the environment, Global climate change, Climate change policies, Pollution analysis and policy, Water Pollution, Water Pollution-Control Policy, Air Pollution, Waste Pollution; Policy on Toxics and Hazardous Substances; Environmental regulation, Trade and the environment, Consumption, poverty, and environment; Institutions for sustainable development; Economy and natural environment; Sustainability; Environment and Growth, the Global Environment;

List of additional courses

PGS 901: Leadership/ Foundation Training I (0C)

Leadership/Foundation Training programme for postgraduate students

PGS 902: Leadership/ Foundation Training II (0C)

Leadership/Foundation Training programme for postgraduate students

6.0 DOCTOR OF PHILOSOPHY (PhD) IN Economics

6.1 OBJECTIVES

The focus of this programme is to forestall the endemic shortage of PhD holders in the field of economics in Nigeria. The recent developments in the global market and the relevance of economic knowledge to virtually every discipline and sphere of work has increased. Also, there is increasing demand for advanced studies in economics from workers in the public and private sectors who do not have formal background in economics science.

The main objective of the programme is to further deepen and broaden the academic and research skill of students who have gone through the MSc programme and are inclined towards further studies and career in academics. It also aims to equip candidates for further academic training in the fields of Economics, especially those aspiring to study up to the doctoral level.

6.2 ADMISSION REQUIREMENTS

The criteria for admission into the PhD Programme in Economics will be as follows:

- (i) Candidate must satisfy the matriculation requirements of the University including credit passes in five subjects at a sitting or six subjects at not more than two sittings and the subjects must include English Language and Mathematics.
- (ii) Candidate must possess Bachelor's degree in Economics and related programmes from an approved university whose programme is accredited by the NUC
- (iii) Candidate must have a minimum of Second Class Lower degree from Redeemer's University or any recognized University as approved by Senate.
- (iv) MSc degree of the Redeemers University or any other recognized University with a minimum of 60% aggregate score or CGPA of 4.0;
- (v) MPhil degree of Redeemers University or any other recognized University. Candidates may be required to satisfy the Department in an interview or written examination or both.
- c) Candidates on MPhil/PhD degree programme, which will have their status converted to PhD programme must satisfy the following conditions:
 - j) The candidate must register for and pass coursework with at least 60% aggregate score;
 - ii). Candidate must present a detailed and acceptable research proposal with preliminary results on a topic of interest in the chosen area;
 - iii). He/She shall undergo a conversion examination to be conducted by an examination panel;
 - iv). The examination panel shall consist of the Head of Department as the Chief Examiner, Department and/Faculty Postgraduate Coordinators, Representative of the College of Postgraduate Studies, Supervisor and Internal-External Examiner;

- v). The candidate shall be required to score a minimum of 60% to proceed to PhD;
- viii) The candidate who fails to meet the required 60% minimum score to proceed to PhD shall complete his/her dissertation and be awarded MPhil Degree provided the candidate scores a minimum of 50%;
- ix) A candidate who fails to proceed within the immediate session shall be required to re-apply.

7.3 GRADUATION REQUIREMENTS

- (i) To satisfy the requirements for the award of PhD degree in Economics, candidates must offer and pass at least sixteen (16) units of compulsory courses and four (4) units of electives.
- (ii) Candidates who yet to register and pass PGS 801 and PGS 802: - Leadership/Foundation Training programme for postgraduate students I and II (OC) will have to register and pass PGS 901 and 902 as a requirement for graduation.
- (iii) Candidates must have at least two research articles published in reputable peer reviewed journals or submitted manuscripts undergoing review for publication in such journals before the oral examination of the candidate's thesis.
- (iv) Candidates must demonstrate a satisfactorily high level of research potentials in seminar presentations. All candidates must prepare and submit thesis of an approved topic by the Department and the Board of College of Postgraduate Studies which must make an original contribution to knowledge in the field of Economics. The thesis shall contain between 45,000 and 100,000 words.

6.4 COURSE STRUCTURE

First Semester Courses

Course Codes	Units	Course Title	Remarks
ECO 901	3	Advanced Microeconomic Theory	Compulsory
ECO 903	2	Advanced Econometric Methods I	Compulsory
ECO 905	2	Advanced Quantitative Method in Economics	Compulsory
ECO 907	2	Research Methodology	Compulsory
ECO 909	2	Advanced Monetary and Financial Institutions	Elective
ECO 911	2	Advanced Trade Theory	Elective
ECO 913	2	Advanced Petroleum and Energy Economics I	Elective
ECO 915	2	Advanced Health Economics I	Elective
ECO 917	2	Advanced Project Analysis and Evaluation	Elective
ECO 919	2	Advanced Public Finance Theory	Elective
ECO 921	2	Advanced Theories of Growth and	Elective
ECO 923	2	Development	Elective
ECO 925	2	Advanced Mathematical Economics	Elective
ECO 927	2	Advanced Environmental Economics Advanced Environmental Economics and Policy Issues	Elective

Total compulsory units = 9; Total Elective units = 2; Total units = 11

Maximum registerable units/semester = 15

Second Semester Courses

Course Codes	Units	Course Title	Remarks
ECO 902	3	Advanced Macroeconomic Theory	Compulsory
ECO 904	2	Econometric Methods II	Compulsory
ECO 906	2	Mathematical Statistics	Compulsory
ECO 908	2	Advanced Monetary Theory	Elective

ECO 910	2	Advanced International Finance	Elective
ECO 912	2	Advanced Petroleum and Energy Economics II	Elective
ECO 914	2	Advanced Health Economics II	Elective
ECO 916	2	Advanced Economics of Industrial	Elective
ECO 918	2	Organization	Elective
ECO 920	2	Advanced Public Sector Economics	Elective
ECO 922	2	Advanced Development Policy and Planning	Elective
ECO 924	2	Advanced Water Economics and Policy	Elective
		Advanced Economics and Environmental Analysis	

Total compulsory unit = 7; Total Elective units = 2; Total units = 9

Maximum registerable units/semester = 15

6.5 COURSE DESCRIPTION

ECO 901: Advanced Microeconomics Theory

Trends in the theory of consumer behaviour, theory of the firm and theory of the market, existence, and stability and uniqueness in competitive equilibrium, advanced topics in welfare economics.

ECO 902: Advanced Macroeconomic Theory

Research in new frontiers of macroeconomic theory, advances in monetary theory, managing the macro-economy in an era of private sector dominance, monetary policy coordination, advanced theory of internal and external balance, the aggregate economy and exchange rate management.

ECO 903: Advanced Econometric Methods I

Advanced linear model, hypothesis testing, miscellaneous single equation problems, preliminary test estimator, alternative residual specifications, the BLUE, residuals, asymptotic distribution theory, and generalized least square encompassing Error Correction Models (ECM), general moments estimation and vector autoregression techniques, computer programmes SPSS, E-view, Time series processor (TSP), J-Multi etc and other economic software.

ECO 904: Advanced Econometric Methods II

This course is continuation on advanced linear model and stochastic restrictions on the general linear model, hypothesis testing, miscellaneous single equation problems, preliminary test estimator, alternative residual specifications, the BLUE, residuals, asymptotic distribution theory, and generalized least square encompassing Error Correction Models (ECM), general moments estimation and vector autoregression techniques, computer programmes SPSS, E-view, Time series processor (TSP).

ECO 905: Quantitative Method in Economics

Categories of quantitative methods (econometrics, sampling methods, operations research methods, etc) modelling in economics and applications, simulation techniques; computer packages and various applications.

ECO 906: Mathematical Statistics

This course discusses developments and advances in mathematical economics research, challenges researchers must overcome, computer packages in mathematical economics. The use of set theory, relations and functions (including exponential, logarithmic, and numerical functions); general difference equation and integral calculus, linear models and matrix algebra, and non-linear models. Linear programming and game theory, dynamics integer, and non-linear programming as well as dynamic programming; project scheduling using network and critical path analysis, probability, inventory, and queuing theory.

ECO 907: Research Methodology

This module takes a broad view, dealing with issues pertinent to all research in economic. It includes a discussion of: literature reviews and data sources; the status and growth of economic knowledge; ethics of economic research; and overall design of a research project- aims, philosophy and methods, evaluating existing research, and writing up and disseminating findings

ECO 908: Advanced Monetary Theory

Advanced Monetary Theory, Banking Practices and the Theory of Exchange. Money and General Equilibrium Theory, The Supply and the demand for money; Quantity theory, Portfolio Balance and Inventory Theoretic Approach, Theory of Interest Rate, Financial Intermediation, Theory of Inflation, Money in Growth models. Instruments for Conducting Monetary Policy. Controversies on the Mechanics of Monetary Policy; Money, Finance and the National Debt. Expectations and Adjustment theories.

ECO 909: Advanced Monetary and Financial Institutions

This course covers the structure and topics in advanced monetary theory, banking practices and the theory of exchange. In addition, the course discusses new paradigms in monetary and financial management and international co-operation in trade international finance. Trends in research in the above are discussed as well.

ECO 910: Advanced International Finance

Advanced theory and management of Balance of payments and policy, Frontiers of research in international finance, IMF and WTO in international trade and finance (treaties and focus), Advanced monetary theory of balance of payments, theory and practice of consolidation of financial institutions.

ECO 911: Advanced Trade Theory

An advanced treatment of factors influencing trade relations between countries. Static and dynamic versions of the theory of comparative advantage. Factor endowments and factor price equalization, the theory of customs Unions and Regional Economic Integration.

ECO 912: Advanced Petroleum and Energy Economics II

The Structure of World Energy Industry Supply and Demand Inter-relationship among Exporting and Importing Countries. Inter-fuel Competition, Coal, Gas and Demand for Natural Gas, LNG etc. Issues and Prospect and Energy Management. National and International financial implication of Fuel Economy. The Less-Developed Countries; Patterns of Energy Consumption and Import Requirements, the impacts of Oil Prices and Increased Oil Imports, Costs Alternatives for Less-Developed Countries. The future and energy

ECO 913: Advanced Petroleum and Energy Economics I

This course explores the theoretical and empirical perspectives on individual and industrial demand for energy, energy supply, energy markets, and public policies affecting energy markets. It discusses aspects of the oil, natural gas, electricity, and nuclear power sectors and examines energy tax, price regulation, deregulation, energy efficiency and polices for controlling emission.

ECO 914: Advanced Health Economics II

Introduction- scope and significance of health economics, health and economic development- interactions between health and economic development; health indices; demographic and epidemiological transitions: microeconomic applications in health demand for health services-medical markets: determinants of demand for health services, production of health-cost of health services. Economics evaluation of health care programmes-cost analysis: cost-benefits analysis: cost effectiveness analysis: cost utility analysis. Health sector financing-health expenditure analysis; alternatives sources of

health care financing; reform of health finance. Government and health- health planning regulations; health sectors reform, health research etc.

ECO 915: Advanced Health Economics I

Study of the demand and supply of healthcare services, market structures in the determination of healthcare prices or expenses, the role of health insurance; evaluation of healthcare programs, health insurance, public finance for public health, impacts of international trade agreements on healthcare services.

ECO 916: Advanced Theory of the Firm and Industrial Organization. This course covers advanced production in analysis, costs analysis and estimation in theory and practice, measurement of profitability, capital costs estimation, risk measurement, uncertainties and profitability in relation to types of industrial organizations.

ECO 917: Advanced Project Analysis and Evaluation

Project analysis is a tool of optimizing behaviour. It involves finding economic justification of public investment expenditure- public goods, externalities, increasing returns to scale, income distribution and other cases and costs; secondary benefits; valuation of benefits- shadow prices for resources and output; time preference; investment criteria; problems of multiple objectives; treatment of risk and uncertainty in project evaluation.

ECO 918: Advanced Public Sector Economics

Taxation: Static and Dynamic Incidence, Corporate Tax Incidence, Taxation and Resource Allocation: the concept of excess burden and its measurement; effects of taxation on the supply of effort, capital formation and risk taking. Public Debt Incidence Accelerated Depreciation and other tax incentives. Fiscal Policy theory of income determination and stabilization; fiscal dynamics and pricing criteria- case study of some Nigerian public enterprises

ECO 919: Advanced Public Finance Theory

Advanced treatment of the theory of public expenditure - Normative and positive aspects; the theory of public expenditure (growth and its determinants). Efficiency in public expenditures and criteria for public investments; Benefit cost analysis – treatment on a more advanced scale with case studies form education health and transportation. Principles of Federal Budgeting: Construction and structure; The Federal tax system; efficiency, equity and stability; Pubic expenditure: efficiency and stability. Current Issues: Environment, Poverty and energy consumption

ECO 920: Advanced Development Policy and Planning

Conceptual controversies on Growth and Development, Contemporary definitions of Economic Development, Operational Definition of Economic Development, Scope and Nature of Planning, the Free Market System and Resource Allocation, Market Aid versus Market Replacement Argument, Development Planning in an Era of Economic Liberation, Alternative approaches to Economic Planning, Planning for Economic Development; Issues in formulation of Planning Objectives; Instruments of Planning; Mobilization of resources for Development; Techniques of Development Planning; Analytical Growth Models; Input-output Analysis; Analysis, Cost-Benefit Analysis; Budgeting System; Structure and Techniques, Plan Construction and Plan Implementation; Economic Reforms and impact on Planning; Overview of Development Planning Records in Nigeria and Some Selected Countries.

ECO 921: Advanced Theories of Growth and Development

Equilibrium growth and steady state, geometry and mathematics of production and cost curves in growth theory, one-sector models of Harrod-Domar, Solow-Swan and Cambridge, technological progress, two-sector models and multi-sector models, disequilibrium model.

ECO 922: Advanced Water Economics and Policy

Economic concepts and principles for understanding water issues; problems of water resources; Economics of water policy and decision-making; Water markets; water demand and supply; economic instruments for water policies; water pricing, water valuation; Water resource management; water and environmental sustainability; water and development, Water, sanitation and health, water and conflicts, water and poverty, climate change and water security, water and food security.

ECO 923: Advanced Mathematical Economics

This course will deal with issues and trends, macro-economic modelling and applications, Trends in dynamic and linear programming application in micro and macroeconomic modelling, available software packages and applications. Application in industry and national economic institutions.

ECO 924: Advanced Economics and Environmental Analysis

Environmental Analysis, Benefits and Costs, Supply and Demand, Economic Efficiency, Economics of Environmental Quality, Analytical Methods; Valuation Methods in Environmental Economics, Fundamentals of Environmental Valuation, Environmental Impact Assessment, Concepts in Welfare Economics; Total Economic Value and Valuation Methods; Contingent Valuation; Travel Cost Method; and Hedonic Travel Cost Method.

ECO 925: Advanced Environmental Economics

Economic perspectives of the environment; microeconomic concepts to the study of environmental improvement. criteria and strategies in the development and implementation of environmental policies; the past and present state of environmental wellbeing with respect to air, water and waste management; Theoretical and policy formulations with respect to environmental management issues such as air and water quality, and solid and hazardous waste.

ECO 927: Advanced Environmental Economics and Policy Issues

Overview of environmental and ecological economics; Environmental externalities and market failure, Solutions to the Externality Problem; environmental valuation, Resource allocation over time, Common property and public goods, the role of government in the regulation of the environment; Economy/environment interactions, Energy and the environment, Global climate change, Climate change policies, Pollution analysis and policy, Water Pollution, Water Pollution-Control Policy, Air Pollution, Waste Pollution; Policy on Toxics and Hazardous Substances; Environmental regulation, Trade and the environment, Consumption, poverty, and environment; Institutions for sustainable development; Economy and natural environment; Sustainability; Environment and Growth, the Global Environment;

ADDITIONAL COURSES

PGS 901: Leadership/ Foundation Training I (0C)

Leadership/Foundation Training programme for postgraduate students

PGS 902: Leadership/ Foundation Training II (0C)

Leadership/Foundation Training programme for postgraduate students

7.0 ACADEMIC STAFF

S/ N	NAME	AREA OF SPECIALIZATION	DISCIPLINE	DEGREE	RANK
1	Dr. S. O. Adewara	Applied Econometrics, Public Sector, health and welfare economics	Economics	BSc, MSc & PhD (Economics)	Senior Lecturer & Ag. Head of Department
2	Prof. A.E. Akinlo	Monetary Economics, Development Economics & Energy Reforms.	Economics	BSc, MSc, & PhD (Economics)	Professor
3	Prof. P.A. Olomola	Development Economics & Applied Econometrics	Economics	BSc, MSc., & PhD (Economics)	Professor
4	Dr. R. S. Dauda	Health Economics, Development Economics, Human Resource/Labour Economics	Economics	BSc (Ed), MSc, PhD (Economics)	Senior Lecturer
5	Dr. Victor Adejumo	Industrial Economics	Economics	BSc., MSc, PhD (Economics)	Senior Lecturer
6	Dr. (Mrs.) D. M. Okewole	Bayesian Analysis/Applied Econometrics	Statistics	BSc, MSc, PhD (Econometrics)	Senior Lecturer
7	Dr. O.J. Oyeleke	Public Finance	Economics	BSc (Ed), MSc, PhD (Economics)	Lecturer I
8	Dr. (Mrs.) Oluwayemisi Adeleke	Energy Economics	Economics	BSc, MSc, Economics	Lecturer II
9	Dr. (Mrs.) O.M Ajeigbe	Financial Economics, Development & Industrial Economics	Economics	BSc, MSc, PhD (Economics)	Lecturer II

CHAPTER SIXTEEN

DEPARTMENT OF MASS COMMUNICATION

1.0 PHILOSOPHY OF THE PROGRAMME

The Postgraduate Diploma provides a platform for graduates of Mass Communication and Media Studies and those from other related fields to engage in advanced studies to remove the deficiencies of undergraduate studies. The programme is also necessary for those who seek to pursue advanced studies in Communication and Media studies but have not met the requirements for admission directly to the master's degree programme. The programme provides advanced training to candidates who have a background only in the practical areas of Mass Communication but are interested in gaining advanced theoretical knowledge to enhance their operational skills in the Mass Communication industry. The programme is also designed to inculcate in candidates, strong ethical values necessary for transformational practice in the media industry.

The MSc programme is both theory and research oriented, and is aimed at providing adequate training to qualified persons willing to pursue a career in academic and research in higher institutions of learning, research institutions, and professional organisations. It is also designed to provide advanced training for those interested in occupying senior managerial positions in the communication industry.

The MPhil, MPhil/PhD and PhD programmes are designed to address the problem of inadequate manpower that currently confront communication research at higher levels in the country. Thus, the objective of these programmes is to further deepen and broaden the academic/research skills of enrolled students who have performed well in the MA/MSc. programme and are inclined towards further studies and career in the academia and high-level policy positions in both the public and private sectors of the communication industry.

2.0 BRIEF HISTORY OF THE DEPARTMENT

The Department of Mass Communication started in 2005 at the inception of the University with the goal of offering a bachelor's degree in Mass Communication to students in the major areas of the field of communication namely: Broadcast Journalism, Print Journalism, Public Relations, Advertising and Book Publishing. The Department has since been offering sound theoretical and practical training to students to enable them fit well into the mass communication industry of the 21st century and beyond as highly competent professionals and god-fearing citizens who will have positive impact on society.

The Department started the postgraduate programme in Communication and Media Studies in 2013 with National University Commission's (NUC) full approval for Postgraduate Diploma and Masters of Science. The Department got approval to run MPhil, MPhil/PhD and PhD programmes in Communication and Media Studies in 2018.

With a faculty of experienced professionals in the various fields of communication, the postgraduate programmes are designed to groom media personnel, academics and researchers in the profession through a well thought-out curriculum.

3.0 AREAS OF SPECIALIZATION

Students are expected to choose and concentrate on one of the following areas of specialization:

- i) Print Journalism
- ii) Broadcast Journalism
- iii) Public Relations and Advertising

iv) Book Publishing

The following postgraduate degree programmes are available in the above areas of specialisation:

- i) PGD Communication and Media Studies
- ii) MSc Communication and Media Studies
- iii) MPhil Communication and Media Studies
- iv) MPhil/PhD Communication and Media Studies
- v) PhD Communication and Media Studies

4.0 ADMISSION REQUIREMENTS

Candidates seeking admission into the postgraduate programme in Communication and Media Studies of Redeemer's University must possess the following:

4.1 POSTGRADUATE DIPLOMA

Candidates seeking to pursue a Postgraduate Diploma in the Department must possess:

- (1) BSc/BA Degree with at least Third-Class Division in Mass Communication, Journalism, Broadcasting, Advertising and Public Relations, and Media Studies.
- (2) A good bachelor's degree in other relevant disciplines with at least a Second-Class Lower division.
- (3) Higher National Diploma (HND) in Mass Communication and Media related disciplines with at least a lower credit grade.
- (4) All candidates must satisfy the UTME admission requirements of credit passes in 5 subjects including English and Mathematics at one sitting or 6 subjects including English and Mathematics at two sittings. However, candidates that wrote O' levels examination before year 2000 without a credit pass in mathematics may be admitted into the programme.

4.2 MSc DEGREE PROGRAMME

Candidates seeking admission into the MSc Degree programme must possess the following:

- (1) BSc/BA Degree with at least Second-Class Lower Division in Mass Communication, Journalism, Broadcasting, Advertising and Public Relations and Communication or Media Studies.
- (2) Holders of good bachelor's degrees in other disciplines must possess a postgraduate diploma or Professional Masters degree in communication related disciplines. The class of degree must not be below Second Class Lower.
- (3) Holders of good bachelor's degree in other disciplines with a minimum of three years post qualification media and communication related industry experience may be admitted upon satisfying the Department's PG admissions/selection board.
- (4) All candidates must satisfy the UTME admission requirements of credit passes in 5 subjects including English and Mathematics at one sitting or 6 subjects including English and Mathematics at two sittings. However, candidates that wrote O' levels examination before year 2000 without a credit pass in mathematics may be admitted into the programme.

4.3 MPhil PROGRAMME

For the MPhil Programme, candidates must possess a Master of Arts (MA) or Master of Science (MSc) in a communication related discipline with an average of 50–54% or CGPA of between 3.0 and 3.49 from the Redeemer's University or other universities recognised by the Senate of the Redeemer's University.

4.4 MPhil/PhD PROGRAMME

Candidates must possess MA/MSc (Communication related discipline) with CGPA between 55 and 59.9 percent or not lower than 3.5 from the Redeemer's University (RUN) or any other university recognised by the Senate of RUN.

4.5 PhD PROGRAMME

Candidates seeking to pursue a doctoral programme in Communication and Media Studies must possess the following:

- (1) MA/ MSc in communication related discipline with a cumulative weighted average of not less than 60 percent or CGPA of 4.0/5.0 from the Redeemer's University shall be eligible for admission into the PhD Programme.
- (2) Candidates with MPhil Degree (in a communication related discipline) from Redeemer's University or other universities recognised by the Senate of Redeemer's University shall be eligible for admission into the PhD programme provided the candidate has cumulated weighted average of 60% or CGPA of 4.0/5.0.
- (3) Candidates with a first degree in non-communication related discipline must possess a Post-graduate Diploma in communication in addition to a Masters degree in communication related discipline from the Redeemer's University or any other university recognised by the Senate of Redeemer's University.

5.0 GRADUATION REQUIREMENTS

5.1 POSTGRADUATE DIPLOMA PROGRAMME

Students on Postgraduate Diploma are required to fulfil the following requirements to be awarded the Postgraduate Diploma (PGD) degree in Communication and Media Studies:

- i) The programme shall run for a minimum of two semesters and maximum of four semesters for both full-time and part-time students.
- ii) Students are required to register for a minimum of 18 units and maximum of 24 units per semester.
- iii) Upon graduation, students are required to have taken and passed a minimum of 38 units, including all compulsory courses.
- iv) Candidates are to write and orally defend a project.
- v) Candidates must pass all compulsory courses with a weighted average score of 50%.
- vi) The PGD examinations shall be held each semester.
- vii) A minimum average score of 60% is required to proceed to the MSc. programme of the Department.

5.2 MSc PROGRAMME

Students on the MSc. degree programme are required to fulfil the following requirements:

- i) The programme shall run for a minimum of three and maximum of five semesters for full-time students and minimum of four and maximum of six semesters for part-time students.
- ii) Students are required to register for a minimum of 18 units and maximum of 24 units in the first and second semesters and minimum of 6 units in the third semester.
- iii) Students are required to have taken and passed a minimum of 36 units. This is made up of 30 units of compulsory courses, including dissertation and 6 units in their areas of specialisation.
- iv) All compulsory courses must be passed at 50% and above.

5.3 MPhil PROGRAMME

To qualify for the award of MPhil, a candidate must fulfil the following conditions:

- (1) Take and pass at least 27 units comprising of compulsory and elective courses including dissertation.
- (2) All other conditions and requirements in the regulations of the School of Postgraduate Studies must be satisfied for the award of the degree.
- (3) Students who do not obtain an average of 60% or 4 points will be awarded MPhil, without the opportunity of proceeding to PhD programme, while those who score below the MPhil grade (50%) would have to withdraw from the programme.

5.4 MPhil/PhD PROGRAMME

Duration of study and condition for conversion to PhD programme for students on the MPhil/PhD programme is as follows:

- i) Students on full time programme are expected to spend eight semesters/four academic sessions.
- ii) A candidate shall register for not less than two semesters during the first academic session.
- iii) Candidate must pass all the required courses in the first academic session. The average score of which shall not be less than 60%.
- iv) On the completion of the first academic session, candidates with 60% average shall be converted to the PhD programme, otherwise would complete research work for the MPhil degree.
- v) Once converted to the PhD programme, candidates will be required to fulfil all the mode of study for PhD programme for three academic sessions.
- vi) Candidate must register for and pass a total minimum of 24 units to proceed to PhD programme.
- vii) Candidate must register for at least 12 units per each semester.
- viii) Candidates with less than 60% will complete research work and will be awarded MPhil degree upon completion.

5.5 PhD PROGRAMME

The conditions leading to the award of PhD degree in Communication and Media Studies is as follows:

- i) Spend the minimum of three (3) academic sessions.

- ii) Candidate shall complete two semesters of course work.
- iii) Candidates shall write and defend a thesis on a specialised area of interest.
- iv) A PhD candidate will be required to deliver at least two (2) well researched seminar papers based on his/her area of research interest within the first two years of registration.
- v) A candidate of PhD shall be required to register for and pass not less than 24 units at 900 level.
- vi) Candidate wishing to transfer from other universities must spend a minimum of two sessions to be eligible for the award of PhD degree. He/she must also fulfil the following conditions:
 - a. Submit a transcript of previous courses done in the PhD programme
 - b. Register and pass at 60% weighted average.
 - i. MCM 903 Quantitative Research and Data Analysis 3C
 - ii. MCM 906 Communication Seminar 3C
 - iii. MCM 911 Theories of Communication 3C
- vii) Candidates shall satisfy all other requirements as approved from time to time by the School of Postgraduate Studies.
- viii) These conditions are subject to change from time to time as the relevant University authorities deem necessary.

6.0 COURSE REQUIREMENTS

6.1 POSTGRADUATE DIPLOMA PROGRAMME

The breakdown of courses and units for the Postgraduate Diploma degree in Communication and Media Studies per semester is presented in the table below:

FIRST SEMESTER

S/N	Course Code	Course Title	Course Units	Status
1.	MCM 701	Foundations of Communication	3	C
2.	MCM 703	Fundamentals of Public Relations and Advertising	2	C
3.	MCM 705	News Reporting and Editing	2	C
4.	MCM 707	Research Methods in Communication and Media Studies.	3	C
5	MCM 709	Introduction to Images and Sound (Radio/TV/Photography/Film)	2	C
6.	MCM 711	Communication Theory	3	C
7.	MCM 713	Entrepreneurial Studies	3	C
8.	MCM 715	International Media Systems	2	E
9	MCM 717	Religion, Media and Society	2	E
10.	MCM 719	Media Law	2	C
11	MCM 791	Media Attachment	2	C

SECOND SEMESTER

S/N	Course Code	Course Title	Course Units	Status
1	MCM 702	Fundamentals of Film Production	2	C
2.	MCM 704	Media Ethics	2	C
3.	MCM 706	Feature Writing	2	C
4	MCM 708	History of Nigerian Mass Media	2	C
5	MCM 710	Advertising and Public Relations Campaign Management	2	C
6.	MCM 712	Online Journalism	2	E
7.	MCM 714	Sociology of Communication	2	E
8.	MCM716	Broadcasting and National Development	2	E
9	MCM 718	Seminar in Communication and Media Studies	3	C
10	MCM 720	Introduction to Development Communication	2	E
11.	MCM 799	Research Project	6	C

SUMMARY OF COURSE REGISTRATION REQUIREMENTS (MINIMUM)

SEMESTER	COMPULSORY/REQUIRED	ELECTIVES	TOTAL
FIRST	22		
SECOND	19		
TOTAL	41		41

6.2 MSc PROGRAMME

The breakdown of courses and units per semester for the MSc. programme is presented in the table below:

FIRST SEMESTER

S/N	Course Code	Course Title	Course Units	Status
1.	MCM 801	Communication Theories	3	C
2.	MCM 803	Topical Seminar in Communication and Media Studies	3	C
3.	MCM 805	Bibliography of Communication	3	C
4.	MCM 811	Entrepreneurship Development	3	C
5	MCM 813	Seminar in Mass Media and Security	3	C

SECOND SEMESTER

S/N	Course Code	Course Title	Course Units	Status
1.	MCM 802	Application of Research Methods in Communication	3	C
2.	MCM 804	Communication for Development	3	C
3.	MCM 806	Quantitative Research Methods	3	C

THIRD SEMESTER

S/N	Course Code	Course Title	Course Units	Status
1.	MCM 899	Dissertation	6	C

SUMMARY OF COURSE REGISTRATION REQUIREMENTS

SEMESTER	COMPULSORY	ELECTIVES	TOTAL
FIRST	15	3	18
SECOND	9	3	12
THIRD	6		6
TOTAL	30	6	36

COURSES IN AREAS OF SPECIALIZATION**PRINT JOURNALISM SPECIALIZATION**

COURSE CODE	COURSE TITLE	COURSE UNIT AND STATUS
MCM 814	Editorial Writing	3 Units E (2)
MCM 815	Newspaper/Magazine Organization Management and Production	3 Units E (1)
MCM 816	Interpreting Urban Problems	3 Units E (2)
MCM 817	Newspaper/Magazine problems	3 Units E (1)
MCM 818	Communication and Public Health	3 Units E (2)
MCM 819	Public Affairs Reporting	3 Units E (1)
MCM 820	Magazine Article writing	3 Units E (2)
MCM 821	Sports Reporting	3 Units E (1)
MCM 822	Reviewing the Article	3 Units E (2)
MCM 823	Specialised publications	3 Units E (1)
MCM 824	Science News Writing	3 Units E (2)
MCM 825	Community/Rural Journalism	3 Units E (1)

BROADCAST JOURNALISM SPECIALISATION

COURSE CODE	COURSE TITLE	COURSE UNIT AND STATUS
MCM 826	Station Operations and Management	3 units E (2)
MCM 827	Advanced Production Techniques (Radio)	3 Units E (1)
MCM 828	Advanced Production (TV and Film)	3 Units E (2)
MCM 829	Educational Broadcasting	3 Units E (1)
MCM 830	Topical Seminar and Issues in Broadcasting	3 Units E (2)
MCM 831	Electronic News Production	3 Units E (1)
MCM 832	Announcing and Performance	3 Units E (2)
MCM 833	Docu-Drama Tech. and Production	3 Units E (1)

ADVERTISING AND PUBLIC RELATIONS (PRAD)

COURSE CODE	COURSE TITLE	COURSE UNIT AND STATUS
MCM 834	Advertising, Public Relations and Society	3 Units E (2)
MCM 835	Creative Workshop in Advertising and Public Relations	3 Units E (1)
MCM 836	Advertising and Consumer Behaviour	3 Units E (2)
MCM 837	Management and Marketing Principles in Advertising and Public Relations	3 Units E (1)
MCM 838	Environments of Public Relations	3 Units E (2)
MCM 839	Ethics and Social Responsibility in Advertising and Public Relations	3 Units E (1)
MCM 840	Media/Community Relations	3 Units E (2)
MCM 841	Digital Creative Visual Design	3 Units E (1)

Legend: C = Compulsory E = Elective (1) First Semester Course (2) Second Semester Course

(3) Third Semester Course

6.3 MPhil PROGRAMME**FIRST SEMESTER**

S/N	Course Code	Course Title	Course Units	Status
1.	MCM 801	Communication Theories	3	C
2.	MCM 803	Topical Seminar in Communication and Media Studies	3	C
3.	MCM 805	Bibliography of Communication	3	C
4	MCM 813	Seminar in Mass Media and Security	3	C

SECOND SEMESTER

S/N	Course Code	Course Title	Course Units	Status
1.	MCM 802	Application of Research Methods in Communication	3	C
2.	MCM 804	Communication for Development	3	C
3.	MCM 806	Quantitative Research Methods	3	C
4	MCM 899	Research Project (Dissertation)	6	C

SUMMARY OF COURSE REGISTRATION REQUIREMENTS

SEMESTER	COMPULSORY	ELECTIVES	TOTAL
FIRST	12		15
2 ND	12	3	12
TOTAL	24	3	27

6.4 MPhil/PhD PROGRAMME**FIRST SEMESTER**

S/N	Course Code	Course Title	Course Units	Status
1	MCM 941	Topical Seminar in Communication and Media Studies	3	C
2	MCM 943	Bibliography of Communication	3	C
3	MCM 945	Communication and Public Policy	3	C
4	MCM 947	Risk and Crisis Communication	3	C

SECOND SEMESTER

S/N	Course Code	Course Title	Course Units	Status
1	MCM 942	Communication for Development	3	C
2	MCM 944	Sociology of Communication	3	C
3	MCM 946	Global Media System and Process	3	C
4	MCM 948	Seminar in Mass Media and Security	3	C

SUMMARY OF COURSE REGISTRATION REQUIREMENTS

SEMESTER	COMPULSORY	ELECTIVES	TOTAL
FIRST	9	3	12
SECOND	12		12
TOTAL	24	3	24

6.5 PHD PROGRAMME

FIRST SEMESTER

S/N	Course Code	Course Title	No. of Units	Status
1.	MCM 901	Contemporary Development in Communication	3	C
2.	MCM 903	Quantitative Research and Data Analysis	3	C
3.	MCM 905	Political Economy of Communication	3	C
4.	MCM 907	Health and Behavioural Change Communication	3	E
5.	MCM 909	Communication Policy	3	E
6	MCM 911	Theories of Communication	3	C

SECOND SEMESTER

S/N	Course Code	Course Title	No. of Units	Status
1.	MCM 902	Social Aspects of ICTs	3	E
2.	MCM 904	Approaches to the Study of Communication	3	E
3.	MCM 906	Communication Seminar	3	C
4.	MCM 908	Media Audiences	3	C
5.	MCM 910	Qualitative Communication Research	3	C

THIRD TO SIXTH SEMESTER

S/N	Course Code	Course Title	Course Units	Status
1.	MCM 999	Dissertation	6	C

SUMMARY OF COURSE REGISTRATION REQUIREMENTS

SEMESTER	COMPULSORY	ELECTIVES	TOTAL
1 ST	12		12
2 ND	12		12
TOTAL	24		24

COURSES IN AREAS OF SPECIALIZATION

PRINT JOURNALISM SPECIALIZATION

COURSE CODE	COURSE TITLE	COURSE UNIT AND STATUS
MCM 914	Editorial Writing	3 Units E (2)
MCM 915	Newspaper/Magazine Organization Management and Production	3 Units E (1)
MCM 916	Interpreting Urban Problems	3 Units E (2)
MCM 917	Newspaper/Magazine problems	3 Units E (1)
MCM 918	Communication and Public Health	3 Units E (2)

MCM 919	Public Affairs Reporting	3 Units E (1)
MCM 920	Magazine Article writing	3 Units E (2)
MCM 921	Sports Reporting	3 Units E (1)
MCM 922	Reviewing the Article	3 Units E (2)
MCM 923	Specialised publications	3 Units E (1)

ADVERTISING AND PUBLIC RELATIONS (PRAD)

COURSE CODE	COURSE TITLE	COURSE UNIT AND STATUS
MCM 924	Advertising, Public Relations and Society	3 (E)
MCM 925	Advanced Creative Workshop in Advertising and Public Relations	3 (E)
MCM 926	Advertising and Consumer Behaviour	3 (E)
MCM 927	Advanced Management and Marketing Principles in Advertising and Public Relations	3 (E)
MCM 928	Environments of Public Relations	3 (E)
MCM 929	Ethics and Social Issues in Advertising and Public Relations	3 (E)
MCM 930	Advanced Community Relations	3 (E)
MCM 931	Media Relationship Management	3 (E)

BOOK PUBLISHING

Course code	Course title	Course Unit and status
MCM 932	Trends in Scholarly Publishing	3(E)
MCM 933	Digital Publishing.	3(E)

BROADCAST JOURNALISM

COURSE CODE	COURSE TITLE	COURSE UNIT AND STATUS
MCM 934	Advanced Production Techniques (Radio)	3 Units (E)
MCM 935	Advanced Production (TV and Film)	3 Units (E)
MCM 936	Educational Broadcasting	3 Units (E)
MCM 937	Topical Seminar and Issues in Broadcasting	3 Units (E)
MCM 938	Electronic News Production	3 Units (E)

7.0 COURSE DESCRIPTION

7.1 POSTGRADUATE DIPLOMA PROGRAMME

Course Code	Course Title and Description	No. of Units	Status
MCM 701	Foundations of Communication This course introduces students to communication as a course of study. Its aim is to make the student understand how communication evolved as a process and how it has developed both in general and in specific terms.	3	C
MCM 702	Fundamentals of Film Production This course is designed to teach the basic principles and techniques of film production: production requirement, picture projection rate, cueing, synchronization, etc. Direction styles, creation of scenes, film crew functions etc.	2	E
MCM 703	Fundamentals of Public Relations and Advertising This course is designed to introduce students to the basics of public relations and advertising. It examines the concepts, principles, models, processes and codes or operation of public relations and advertising activities as well as the literature of the subject.	2	C
Course Code	Course Title and Description	No. of Units	Status
MCM 705	News Reporting and Editing This course examines the rudiments of news writing, editing and reporting in the constantly changing technological environment that the media operate in. Students are introduced to the techniques of news reporting and editing in both the print and broadcast media.	2	C
MCM706	Feature Writing This course takes the students through the process of acquiring the skills necessary to produce feature articles that blend facts with artistic writing. Students will also acquire skills in gathering materials for features.	2	C
MCM 707	Research Methods in Communication and Media Studies This course examines the various research techniques used in Communication and Media Studies. It examines data collection, classification, analysis and interpretation in mass communication.	2	C
MCM 708	History of Nigerian Mass Media The course takes a critical look at the socio-political factors that have shaped the history of the Nigerian mass media. It also examines the influence of the media on political, social and economic developments in Nigeria.	2	C
MCM 709	Introduction to Images and Sound (Radio/TV/Photography/Film) The course is aimed at acquainting the students to the operations of non-print media, their specific features and mode of operations	2	C

MCM 710	Advertising and Public Relations Campaign Management This course features the meaning, purpose and problems of advertising and public relations campaign planning and execution. It looks at such topics as planning, budgeting and management of events, dealing with agencies, pitching, handling of briefs, etc and dealing with the media.	2	C
MCM 711	Communication Theory This course examines theory as a tool for organizing knowledge and how this process is applied in communication. It discusses theoretical principles, models and perspectives relating to various aspects of communication.	3	C
MCM 712	Online Journalism This course focuses on computer aided reporting methods. It examines how computer technologies are applied in gathering, analysing and presenting information. Also examined is the use of new media and other interactive technologies in news reporting.	2	E
MCM 713	Entrepreneurship Studies The course introduces the student to various types of businesses, ownership patterns, factors of production, the functions of entrepreneurs, definition and functions of management. Also considered are management theories, sources of finance and business development strategies. Challenges and prospects in entrepreneurship development will also be examined.	2	E
MCM 714	Sociology of Communication The course is designed to study the institution and practice of journalism within the wider social context in which the profession of journalism exists. The basic aim of the course is to explore the relationship between journalism and society and how both interact and influence one another.	2	E
MCM 715	International Media Systems The course examines the evolution of international media systems and the role/position of developing nations in the process.	2	E
MCM 716	Broadcasting and National Development This course examines the role of broadcasting in the process of national development. It looks at the use of broadcast media in communicating for development.	2	E
MCM 717	Religion, Media and Society The course looks at the role of media in propagating religious values and the effect of such on society. It examines the psychological and sociological functions of religion and its interactions with social, political and economic factors in society.	2	E
MCM 718	Seminar in Communication and Media Studies Students are expected to present a seminar each on any topic relevant to their areas of specialisation or interest in the broad field of communication and media studies.	3	C

MCM 719	Media Law This course examines Nigerian and global laws as they relate to communication and mass communication practice.	2	C
MCM 720	Introduction to Development Communication The course aims at exposing students to development issues and the role of communication in addressing such issues. Focus will be on development issues Nigeria is facing and the role of communicator in developing communication solutions to the identified issues.	2	E
MCM 791	Media Attachment Students will spend eight weeks of internship with reputable media organizations, where they are expected to acquire practical experience in various aspects of the mass communication process.	2	E
MCM 799	Research Project Students are to write and orally defend a research project on an approved topic under the supervision of a faculty member	6	C

7.2 MSc COMMUNICATION AND MEDIA STUDIES

COURSE CODE	COURSE TITLE AND DESCRIPTION	UNITS	STATUS
MCM 801	Communication Theories The course will treat topics relating to the theoretical foundation of communication study. It will examine the historical evolution of the theories and the forces that have influenced their development. Particular attention will be paid to the relevance or otherwise of those theories to the African situation.	3 Units	C
MCM 802	Application of Research Methods in Mass Communication The course is designed to expose the student to the basic procedure, principles and methods of social science inquiry, particularly as relevant to Mass Communication. The main aim is to enhance the student's planning, analytical and critical capacity in the application of methods of social inquiry.	3 Units	C
MCM 803	Topical Seminar in Mass Communication This course is designed to allow the student pursue an independent course of study in a chosen area of Mass Communication under the supervision of a lecturer and present a paper at the end of the semester.	3 Units	C
MCM 804	Communication for Development The course critically examines the relationship between communication and development. Issues to be examined include theories of development, communication, behavioural and attitude change. This course will expose students to the various communication strategies and approaches for promoting community development/social change. Using case studies and field work, the course will examine the process of planning and implementing development campaigns and programmes.	3 Units	C

COURSE CODE	COURSE TITLE AND DESCRIPTION	UNITS	STATUS
MCM 805	<p>Bibliography of Mass Communication</p> <p>This course is designed to examine the literature of mass communication and critique the trends and issues raised in the evolution of the subject. This is in order to establish an understanding of the issues and problems that the literature has raised and how they have been resolved.</p>	3 Units	C
MCM 806	<p>Quantitative Research Methods</p> <p>The course is designed to expose the student to the procedure, principles and methods of quantitative social science inquiry, particularly as relevant to Mass Communication, using statistical tools and methods. The main aim is to enhance the student's analytical and critical reasoning skills and build capacity to investigate trends quantitatively for objective presentation and analysis.</p>	3 Units	C
MCM 807	<p>Global Media System and Process</p> <p>The course aims at examining the socio-historical factors influencing the development of international communication, global media system and the process of international media production. The students will be exposed to the theories relevant to international communication, imperialism, globalisation, information communication technologies as well as the political economy of global media system.</p>	3 Units (1)	E
MCM 808	<p>Computer Application in Communication</p> <p>The course will introduce the student to the role and importance of the computer in data processing and utilisation. It will teach the use of various software applicable to professional practice in Communication.</p>	3 Units	E
MCM 809	<p>Sociology of Communication</p> <p>The course is designed to study the institution and practice of journalism within the wider social context in which the profession of journalism exists. The basic aim of the course is to explore the relationship between journalism and society and how both interact and influence one another.</p> <p>The course will examine the impact of the journalistic media (print and broadcast) and their contributions to the working of the society. It will also examine the social determinants of journalistic products, i.e. the social factors which influence, shape and constrain the institutional form and contents.</p>	3 Units	E
MCM 810	<p>Political Communication</p> <p>The course examines the process of communicating politics as mediated process where the institutions of mass communication have become crucial. The course explores the implications of this for politics, politicians and the society in general. It examines the channels of political communication, the roles of advertising, public relations and other marketing communication tools and media formats in political campaigns and the impact of these on</p>	3 Units	E

COURSE CODE	COURSE TITLE AND DESCRIPTION	UNITS	STATUS
	journalism.		
MCM 811	<p>Entrepreneurship Development</p> <p>The course will introduce the student to various types of businesses, ownership patterns, factors of production, the functions of entrepreneurs, definitions and functions of management, management theories, sources of finance and business development strategies. Challenges and prospects in entrepreneurship development will also be examined.</p>	3 Units	C
MCM 812	<p>Industrial Psychology</p> <p>This course is to enable students, who are prospective managers, understand the behaviour of workers in a business environment. The course examines theories and models of individual and group behaviour in an industrial setting.</p>	3 Units	E
MCM 821	<p>Sports Reporting</p> <p>The course is aimed at creating a platform for the emergence of students as specialised writers and reporters in sports. It will examine some of the specific attributes of the sports reporter and the skills required to provide balanced and insightful reporting in sports.</p>	3 Units	E
MCM 822	<p>Reviewing the Article</p> <p>This course is designed to review various forms of articles as they appear in publications meant for both general and specialised audience consumption with an attempt to identify common characteristics and features for criticism.</p>	3 Units	E
MCM 823	<p>Specialised publications</p> <p>This course demands that students produce a specialised publication in areas such as science and technology, business, sports, judiciary and entertainment.</p>	3 Units	E
MCM 824	<p>Science News Writing</p> <p>Science and technology reporting as a specialised area of journalism requires special skills and knowledge for conveying scientific information to the mass audience. This course will attempt to build in students those special skills and considerations through practical assignments.</p>	3 Units	E
MCM 825	<p>Community/Rural Journalism</p> <p>This course examines the theory and practice of community media and journalism. It offers an opportunity to get a firsthand experience with community media organizations through participatory research assignments.</p>	3 Units	E
MCM 826	<p>Station Operations and Management</p> <p>This course is aimed at examining the basic rules and principles of operation in broadcast media stations.</p>	3 units	E

COURSE CODE	COURSE TITLE AND DESCRIPTION	UNITS	STATUS
MCM 827	Advanced Production Techniques (Radio) This course offers students who have acquired the necessary advanced production skills the opportunity to develop and produce their own media project for radio. Students could work independently or in teams to produce a previously approved content, using existing or emerging technology pertaining to radio.	3 Units	E
MCM 828	Advanced Production (TV and Film) This course offers students who have acquired the necessary advanced production skills the opportunity to develop and produce their own media project for television and/or film. Students could work independently or in teams to produce a previously approved content, using existing or emerging technology pertaining to television or film.	3 Units	E
MCM 829	Educational Broadcasting This course examines the theory, principles and practice of educational broadcasting, paying particular attention to the techniques of designing and implementation of educational programmes on TV, radio and the Internet.	3 Units	E
MCM 830	Topical Seminar and Issues in Broadcasting This course aims at examining contemporary issues of significance in broadcasting as an important institution in society. It examines some of the policy frameworks that are shaping the process of broadcasting in Nigeria and how the industry is responding.	3 Units	E
MCM 831	Electronic News Production The course examines, among other things, the process of electronic news gathering (ENG) and expanded field production techniques. Students will engage in direct interactions with the equipment and process of news gathering, confronted with the challenges and demands of the process and taught how to deal with them professionally.	3 Units	E
MCM 832	Announcing and Performance This course examines the principles and practice of performing on radio and television.	3 Units	E
MCM 833	Docu-Drama Technology and Production This course introduces students to documentary and drama production techniques and processes. The course includes laboratory demonstrations, practical workshops and examinations of the context and social implications of the techniques and processes.	3 Units	E
MCM 834	Advertising, Public Relations and Society This course examines the social, economic, political as well as technological issues arising from the interactions of advertising and public relations practice with the general functioning of society as a whole. It looks at the way society affects the practice of these profession and vice versa.	3 Units	E

COURSE CODE	COURSE TITLE AND DESCRIPTION	UNITS	STATUS
MCM 835	Creative Workshop in Advertising and Public Relations This course deals with creative designs of promotional materials in advertising and public relations. Students will master tools for creating exciting content for advertising and public relations campaigns.	3 Units	E
MCM 836	Advertising and Consumer Behaviour The course examines the numerous factors influencing consumer behaviour in relationship with advertising. Emphasis is placed on the use of consumer decision making models, buyers' behaviour models and consumer information processing. Market segmentation and decision making units are also considered.	3 Units	E
MCM 837	Management and Marketing Principles in Advertising and Public Relations This course is designed to introduce students to management and marketing principles as they pertain to advertising and public relations as business operations.	3 Units	E
MCM 838	Environments of Public Relations Instant messaging technologies have made the environment of public relations more demanding to operate in. This means that PR professionals have to be proactive in defending a company's message and image across an enormous front that entails everything from newspapers and radio talk shows to blogs and internet message boards. Monitoring the media has become more difficult as new media outlets emerge each day. This course examines the challenges of this new environment and ways of meeting them by being technically knowledgeable and ready to embrace new media.	3 Units	E
MCM 839	Ethics and Social Responsibility in Advertising and Public Relations This course examines the theoretical foundation of ethics and social responsibility in the practice of advertising and public relations. It examines the codes of practice of these professions in Nigeria and globally.	3 Units	E
MCM 840	Media/Community Relations This course examines the role of media and community relations in the general scheme of operation of public relations. It focuses on the responsibilities and functions as well as strategies for keeping organizations and individuals in a constructive and productive relationship with the media and community.	3 Units	E
MCM 841	Digital Creative Visual Design The course examines the process of convergence of digital content, broadband and wireless distribution over a wide range of display platforms. It looks at how specifications such as standards compatibility and others make the way for placement of messages on a wide range of media platforms.	3 Units	E

COURSE CODE	COURSE TITLE AND DESCRIPTION	UNITS	STATUS
MCM 842	<p>International Marketing</p> <p>This course is designed to explore the strategies, goals, decision-making process and selection strategies adopted by countries for foreign markets; comparative marketing arrangements and factors for consideration in analysing markets involving foreign operations are examined.</p>	3 Units	E
MCM 843	<p>Introduction to General Management</p> <p>This course looks at the evolution of management thought and the functions and responsibilities of general management. It also examines the subjects of managing through processes, managerial values, decision making, planning, organizing, directing etc.; design and implementation of corporate strategy.</p>	3 Units	E
MCM 844	<p>Human Resource Management</p> <p>Topics to be considered will examine the nature, scope, methods and principles of organizational human resource management. Also examined are the strategies, management practices in manpower planning; staffing; training and development; performance management; compensation and reward; review of principles and practice of human resource management in Nigeria and globally.</p>	3 Units	E

COURSE CODE	COURSE TITLE AND DESCRIPTION	UNITS	STATUS
MCM 845	<p>Organizational Communication</p> <p>The course examines the major approaches to organizational communication, particularly as they relate to enterprises. Various paradigms are considered both as theories and forms of social practice that have emerged in relation to shifting patterns of power, inequality and technological change. Topics may include communication networks, organizational networks, organizational culture, bureaucracy etc.</p>	3 Units	E
MCM 846	<p>Media Organization and Management</p> <p>The course is designed to introduce the student to the philosophy, theories, principles and techniques of organisation and management as they relate to mass communication institutions. The major topics to be examined include programming, financing, syndication etc.</p>	3 Units	E
MCM 847	<p>Communication and Public Policy</p> <p>The course is designed to examine the role of the mass media, PR, and advertising in public policy formulation. It examines both the theoretical and practical issues in this regard. Issues to be examined include public policy process, public opinion, propaganda, PR, News Management, agenda building, consensus, lobbying etc.</p>	3 Units	E
MCM 848	<p>Communication, Conflict and Peace</p> <p>This course looks at the various ways conflicts and peace are portrayed in the mass media and other technology-mediated communication. Particular attention is paid to how the inherent characteristics of different modes of communication interact with larger discursive formations to come up with dominant definitions and accepted understanding of what constitute conflict and peace. Also examined is the role of conventional and new media in shaping society's understanding of peace and conflict, their role in promoting peace and conflict.</p>	3 Units	E
MCM 849	<p>Organizational Culture</p> <p>The course focuses on how cultural analysis can be applied to the understanding of organizational life. Theoretical approaches such as conversational analysis, ethnography, socio-linguistics etc. are to be treated. Also considered are aspects of organizational life such as norms and traditions, core values, ideologies, shared symbols etc.</p>	3 Units	E
MCM 850	<p>Risk and Crisis Communication</p> <p>This course examines the role of media in general and the internet in particular in high risk situations like disasters, emergency, conflict, war, acts terrorism in different cultural contexts. It looks at the features of modern risk societies, risk identification and management, risk and crisis communication and crisis management strategies.</p>	3 Units	E

COURSE CODE	COURSE TITLE AND DESCRIPTION	UNITS	STATUS
MCM 851	Media Law and Ethics This course looks at the Nigerian and global laws in relation to communication and mass communication practice. It also examines relevant codes of ethics.	3 Units	E
MCM 899	Dissertation Students are expected to write and defend a research project on an approved topic.	6 Units	C

7.3 MPhil COMMUNICATION AND MEDIA STUDIES

COURSE CODE	COURSE TITLE AND DESCRIPTION	UNITS	STATUS
MCM 801	Communication Theories The course will treat topics relating to the theoretical foundation of communication study. It will examine the historical evolution of the theories and the forces that have influenced their development. Particular attention will be paid to the relevance or otherwise of those theories to the African situation.	3 Units	C
MCM 802	Application of Research Methods in Mass Communication The course is designed to expose the student to the basic procedure, principles and methods of social science inquiry, particularly as relevant to Mass Communication. The main aim is to enhance the student's planning, analytical and critical capacity in the application of methods of social inquiry.	3 Units	C
MCM 803	Topical Seminar in Mass Communication This course is designed to allow the student pursue an independent course of study in a chosen area of Mass Communication under the supervision of a lecturer and present a paper at the end of the semester.	3 Units	C
MCM 804	Communication for Development The course critically examines the relationship between communication and development. Issues to be examined include theories of development, communication, behavioural and attitude change. This course will expose students to the various communication strategies and approaches for promoting community development/social change. Using case studies and field work, the course will examine the process of planning and implementing development campaigns and programmes.	3 Units	C

COURSE CODE	COURSE TITLE AND DESCRIPTION	UNITS	STATUS
MCM 805	Bibliography of Mass Communication This course is designed to examine the literature of mass communication and critique the trends and issues raised in the evolution of the subject. This is in order to establish an understanding of the issues and problems that the literature has raised and how they have been resolved.	3 Units	C
MCM 806	Quantitative Research Methods The course is designed to expose the student to the procedure, principles and methods of quantitative social science inquiry, particularly as relevant to Mass Communication, using statistical tools and methods. The main aim is to enhance the student's analytical and critical reasoning skills and build capacity to investigate trends quantitatively for objective presentation and analysis.	3 Units	C
MCM 811	Entrepreneurship Development The course will introduce the student to various types of businesses, ownership patterns, factors of production, the functions of entrepreneurs, definitions and functions of management, management theories, sources of finance and business development strategies. Challenges and prospects in entrepreneurship development will also be examined.	3 Units	C
MCM 813	Seminar In Mass Media And Security This course is to enable students, present relevant seminar papers on National Security issues and the role of the Media in complementing the nation's national security aspiration	3 Units	C
MCM 899	Research Project (Dissertation) Students are expected to write and defend a research project on an approved topic.	6 Units	C

7.4 MPhil/PhD PROGRAMME

COURSE CODE	COURSE TITLE AND DESCRIPTION	UNIT	STATUS
MCM 941	Topical Seminar in Communication and Media Study This course is designed to allow the student pursue an independent course of study in a chosen area of Mass Communication under the supervision of a lecturer and present a paper at the end of the semester.	3	C
MCM 942	Communication for Development The course critically examines the relationship between communication and development. Issues to be examined include theories of development, communication, behavioural and attitude	3	C

	change. This course will expose students to the various communication strategies and approaches for promoting community development/social change. Using case studies and field work, the course will examine the process of planning and implementing development campaigns and programmes.		
MCM 943	<p>Bibliography of Communication</p> <p>This course is designed to examine the literature of mass communication and critique the trends and issues raised in the evolution of the subject. This is in order to establish an understanding of the issues and problems that the literature has raised and how they have been resolved.</p>		
MCM 944	<p>Sociology of Communication</p> <p>The course is designed to study the institution and practice of journalism within the wider social context in which the profession of journalism exists. The basic aim of the course is to explore the relationship between journalism and society and how both interact and influence one another.</p> <p>The course will examine the impact of the journalistic media (print and broadcast) and their contributions to the working of the society. It will also examine the social determinants of journalistic products, i.e. the social factors which influence, shape and constrain the institutional form and contents.</p>	3	C
MCM 946	<p>Global Media System and Process</p> <p>The course aims at examining the socio-historical factors influencing the development of international communication, global media system and the process of international media production. The students will be exposed to the theories relevant to international communication, imperialism, globalisation, information communication technologies as well as the political economy of global media system.</p>	3	C
MCM 947	<p>Risk and Crisis Communication</p> <p>This course examines the role of media in general and the internet in particular in high risk situations like disasters, emergency, conflict, war, acts terrorism in different cultural contexts. It looks at the features of modern risk societies, risk identification and management, risk and crisis communication and crisis management strategies.</p>	3 Units	C
MCM 948	<p>Seminar in Mass Media and Security</p> <p>This course is to enable students, present relevant seminar papers on National Security issues and the role of the Media in complementing the nation's national security aspiration</p>	3	C

7.5 PHD PROGRAMME

Course Code	Course Title and Description	No. of Units	Status
MCM 901	<p>Contemporary Development in Mass Communication</p> <p>The course is designed to examine recent and on-going changes in the mass media landscape, the forces responsible for those changes and the reactions from the media, the state and the audiences that have attended them. The course will also critically discuss how these changes have influenced media practice, behaviour and contents and the audiences of the media. Issues like privatisation, commercialisation, globalisation, media concentration, technology and their implications will be examined.</p>	3	C
MCM 902	<p>Social Aspects of ICT</p> <p>The course is designed to expose the student to the critical issues in the emergence, deployment and use of ICTs particularly in Africa and the developing world. It will examine their roles in the development and political processes. It will further discuss their implications for the 'old' media of mass communication, advertising, public relations and the society in general. Such concepts as information age, digital divide, globalisation, convergence etc. will be critically examined. Relevant theories for the study of ICTs will also be discussed.</p>	3	E
MCM 903	<p>Quantitative Research and Data Analysis</p> <p>The course is designed to equip the student with skills and techniques on how to conduct quantitative research e.g. content analysis and survey, analyse the data generated using such packages like SPSS and their graphical presentation. The course will explore the various quantitative research designs, sampling, and the importance of the computer in data analysis and presentation.</p>	3	C
MCM 904	<p>Approaches to the Study of Mass Communication</p> <p>The course is designed to stimulate a critical understanding of the contending approaches and traditions that have been employed in the study of Mass Communication. It will examine the forces and factors which over the years have influenced the direction and context of communication scholarship and research. It will also examine the contribution of other disciplines, e.g. sociology, psychology, and literary study to the field of communication scholarship.</p>	3	E
MCM 905	<p>Political Economy of Mass Communication</p> <p>The course examines the nature of the relationship between mass media and communication systems on the one hand, and the broader social structure of society on the other. The determining influence of the market and material forces on media production, access and consumption and their implications for social relations nationally and globally are critically examined.</p>	3	C
MCM 906	<p>Communication Seminar</p> <p>Each student is expected to present a well researched and publishable seminar paper in his area of interest.</p>	3	C

Course Code	Course Title and Description	No. of Units	Status
MCM 907	<p>Health and Behavioural Change Communication</p> <p>The course is designed to discuss the role of communication in public health care delivery. It will also examine the various strategies that can be employed in this regard. It will further examine attitude change theories and discuss how communication can be used in the process of attitude change. Students will be expected to evaluate some specific case studies.</p>	3	E
MCM 908	<p>Media Audience</p> <p>The course is designed to create critical understanding of the various theoretical conceptions of media audience and how such conceptions have changed over time. The course will also examine the techniques of analysing the audience.</p>	3	C
MCM 909	<p>Communication Policy</p> <p>Changes in media landscape in the last few years have led to various responses by policy makers and the society at large about the management of communication resources, technologies; control of media contents, ownership patterns and other factors. The course considers these shifting environments of communication structures and practices, the socio-legal and policy responses and their implications for e.g. democracy, citizenship and development. The course will explore the public policy making process as it concerns communication, the contents of such policy within a comparative perspective. The course will examine the forces and actors influencing such policies.</p>	3	E
MCM 910	<p>Qualitative Communication Research</p> <p>The course examines methods of inquiry which explore the processes, contexts and meaning of communication. Such methods include ethnography, field study/participant observation, focus group discussion, naturalistic study, semiology and case study. The student will be equipped with the skills for planning and implementing such studies. The course will explore how to study the lived experiences of the people in a systematic procedure through their action, performances, discourses, perception within their socio-cultural contexts. Various research instruments will be discussed.</p>	3	C

8.0 LIST OF STAFF

8.1 ACADEMIC

S/N	NAME	QUALIFICATION	STATUS	AREA OF SPECIALISATION
1	Dr. B. O. Sanusi	PhD	Senior Lecturer & Ag. Head of Department	Broadcasting / Development Communication
2	Prof. I. Bayo Oloyede	PhD	Professor	Media Law
3	Dr. O.T. Adelabu	PhD	Senior Lecturer	PRAD
4	Dr. F. O. Talabi	PhD	Senior Lecturer	PRAD
5	Dr. E. Ifeduba	PhD	Senior Lecturer	Book Publishing
6	Dr. M. O Alade	PhD	Lecturer II	Digital Communication
7	Dr. O. Oyinloye	PhD	Lecturer II	Print
8	Dr. I. O. Fadeyi	PhD	Lecturer II	Print

8.2 TECHNICAL

S/N	NAME	QUALIFICATION	STATUS	AREA OF SPECIALISATION
1	Mr. P. Kuyoro	BSc	Studio Technologist I	Print
2	Miss O. Shodipe	MSc	Information II	Broadcasting
3	Mr. O. Oyetunde	HND	Studio Technologist II	Broadcast
4	Miss. O. Shola	ND	Studio Technologist	Broadcast

CHAPTER SEVENTEEN

DEPARTMENT OF POLITICAL SCIENCE

1.0 PHILOSOPHY

The underlying philosophy of the postgraduate programme in Political Science is to produce highly competent individuals, well grounded in the concepts and theories of Political Science and able to apply its methodological tools in solving societal problems.

2.0 OBJECTIVES

2.1 MSc POLITICAL SCIENCE

- (a) Provide through teaching, an exhaustive sound knowledge in theories, issues, as well as concepts in political science.
- (b) Contribute through research that can lead to theorization and provide policy-oriented solutions to the multifarious problems or challenges facing an exclusive political community.
- (c) Train students to appreciate the nature of political phenomena and to equip them with adequate methodology in carrying out research in politics and policy science.
- (d) Improve professional competence of students in specific career areas.
- (e) Produce globally qualified high level manpower through training, innovation and research for national development and self-reliance.
- (f) Provide both short and long-term training facilities aimed at improving and upgrading the existing and potential high level of manpower needed for planning, executing and reviewing national development plans.

In summary, this programme is designed for interested candidates in university teaching and research, or policy making positions in governmental agencies, international organizations, the mass media and other aspects of life.

10.5 PhD POLITICAL SCIENCE

- (a) To train candidates in the art and science of research which will enable them achieve their career ambitions as academics in universities or researchers in research institutions.
- (b) To advance the frontiers of knowledge in Political Science through the use of extant theoretical and conceptual frameworks of the discipline and to develop new ideas and innovations.
- (c) To engage in rigorous studies that will offer better insight into the multifaceted challenges bedeviling the nation-state, and particularly the sub-Saharan Africa.

3.0 ADMISSION REQUIREMENTS

3.1 MSc POLITICAL SCIENCE

Candidates for admission into MSc. Political Science must possess at least BSc. Degree in Political Science from a recognized university with a good honors degree (at least Second Class Division).

Candidates in related field with some background in Political Science may be considered on the basis of their academic training and performance. In addition, all candidates must satisfy UTME requirements for BSc. Political Science with Credit passes in five subjects including English Language, Mathematics, Government/History and other related subjects.

3.2 PHD POLITICAL SCIENCE

- (a) Candidates must have satisfied the matriculation requirements of the University i.e. five (5) O' Level credit passes or its equivalent at not more than two sittings in English Language, Mathematics and any other social science/Arts subjects.
- (b) Prospective candidates must possess relevant Master's degree with at least an average B grade (60%) or CGPA of 3.5 on 5.0 points scale which include coursework and MSc research dissertation from a recognized university.
- (c) The regulations of Postgraduate College shall govern the award of PhD degree in Political Science.

4.0 GRADUATION REQUIREMENTS

4.1 MSc POLITICAL SCIENCE

- (i) Minimum number of Earned Credit Hours for graduation: **36 Credit units that include compulsory and elective courses, seminar and a dissertation.**
- ii) Minimum Number of years for graduation: **...One and Half Years.....**
- iii) Other requirements as prescribed by the Postgraduate College Board.
- iv) Defend Dissertation before a panel of External and Internal Examiners.

4.2 PHD POLITICAL SCIENCE

The PhD degree in Political Science will be awarded to a candidate who is deemed to have satisfied the following conditions:

- (i) A minimum pass of 6 credit units of prescribed coursework;
- (ii) In addition to satisfying other University regulations, the student must have successfully presented one seminar on the thesis before the final thesis defense;
- (iii) A thesis describing the original work carried out by the student while studying for the degree, and written in the format specified by the College of Postgraduate Studies should be submitted at the end of the programme;
- (iv) The title of the thesis should be submitted through the College Board of Postgraduate Studies for approval at least 3 months before the oral examination;
- (v) The thesis should have been adjudged to have significantly contributed to knowledge in the student's chosen area of specialization and must not have been submitted for any higher degree elsewhere;
- (vi) At least two (2) research articles published in an international peer reviewed journal shall be required before the oral examination of the candidate's thesis; and
- (vii) The PhD programme requires a minimum of 21 credit units made up of the following:

(a) Two (2) core courses (3 credits each)	6 units
(b) PhD seminar	3 units
(c) Thesis	12 units
Total	21 units

5.0 AREAS OF SPECIALIZATION

The following areas of specialization are available a doctorate degree in political science:

- (i) International Relations
- (ii) Political Economy

- (iii) Public Administration and Local Government Studies
- (iv) Comparative Politics
- (v) Gender, Politics & Governance
- (vi) Conflict, Peace and Strategic Studies
- (vii) E-Governance and Cyber Politics

6.0 ACADEMIC CURRICULUM

6.1 MSc POLITICAL SCIENCE

FIRST SEMESTER

COURSE CODE	COURSE TITLE	UNIT	STATUS
POL 801	RESEARCH METHOD IN POLITICAL SCIENCE	3	C
POL 803	POLITICAL BEHAVIOUR	3	C
POL 805	LIBERAL DEMOCRATIC THEORY	3	C
POL 807	NIGERIAN FEDERALISM	3	E
POL 809	CONFLICT THEORY AND CONFLICT RESOLUTION	3	E
POL 811	THEORIES OF POLITICAL DEVELOPMENT AND MODERNISATION	3	E
POL 813	POLITICAL PARTIES, ELECTORAL SYSTEMS AND VOTING BEHAVIOUR	3	E
POL 815	NIGERIAN GOVERNMENT AND POLITICS	3	E

SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNIT	STATUS
POL 802	STATISTICAL ANALYSIS IN POLITICAL SCIENCE	3	C
POL 804	PUBLIC POLICY ANALYSIS	3	C
POL 806	THEORIES AND PRACTICE IN PUBLIC ADMINISTRATION	3	E
POL 808	SOCIETY AND POLITICS IN AFRICA	3	E
POL 810	MARXIST LENINIST THOUGHT	3	E
POL 812	ISSUES IN CONTEMPORARY INTERNATIONAL RELATIONS	3	E
POL 814	SCIENCE, TECHNOLOGY AND POLITICS	3	E
POL 816	CIVIL MILITARY RELATIONS	3	E

6.2 PhD POLITICAL SCIENCE

FIRST SEMESTER

COURSE CODE	COURSE TITLE	UNITS	STATUS
POL 901	Research Methods in Political Science	3	C
	TOTAL	3	

SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNITS	STATUS
POL 902	Advanced Research Methods in Political Science	3	C
POL 904	PhD Seminar	3	C
Total		6	

THIRD - SIXTH SEMESTER

COURSE CODE	COURSE TITLE	UNITS	STATUS
POL 999	Thesis Writing	12	C
TOTAL		12	

7.0 DESCRIPTION OF COURSES

7.1 MSc POLITICAL SCIENCE

a. Compulsory Courses

POL 801 – Research method in Political Science

Employment of different techniques in Political Science research, including survey research, content analysis, psychological methods. Use of computer facilities, including SPSS, will be implored. An examination of Political Science and a critical survey of the various modes of political inquiry: historical, normative and scientific.

POL 802 – statistical Analysis in Political Science

Parametric and non-parametric statistics, statistical method for data analysis, the use of computer program package such as SPSS in the analysis of data. Here, various statistical connotations with valid measuring statistical instruments would be applied.

POL 803 – political behavior

An introduction to important topics in political behavior, including political participation, parties and pressure groups, voting behavior public opinion, etc. It would also involve the study of the social and psychological basis of politics especially of the relationship among perception, feeling and political action, the acquisition and persistence of political attitudes.

POL 804 – Public Policy Analysis

Study of advance concept and strategies of planning, programming and Budgeting, Basic technique of network construction and analysis. Administrative reform and its implication for public policy analysis. A critical examination of some analytic frames of reference for discussing the nature of public policy, policy making and policy assessment.

b. Electives

Courses amounting to 12 units selected primarily but not necessarily exclusively from the under listed courses below:

POL 805 – liberal Democratic Theory

An indepth study of the liberal democratic tradition in political theory from both normative and empirical perspective. Application of liberal democratic theory to the contemporary development of developing countries with the application to the administrative processes.

POL 806 – Theories and Practice in Public Administration

Nature and scope of public administration, method of analysis in policy formation and long range planning, local government in developing countries, the role of government in economic planning. A description and analysis of the social forces, power structure, ideological factor, political processes and governmental institutions on contemporary public administration.

POL 807 – Nigerian Federalism

An analysis of the constitutional structure, political process and administrative machinery of intergovernmental relations in Nigeria since 1954. Various theories associated with Nigerian Federalism, factors influencing federalism and inherent problems of achieving true Nigerian federalism.

POL 808 – Society and Politics in Africa

A description and analysis of the social forces, power structure, ideological factor, political processes and governmental institutions in contemporary African. Comparative analysis of the socio, political and economic system of African countries.

POL 809 – Conflict Theory and Conflict Resolution

A theoretical analysis of conflict, including international conflict and critical evaluation of the various modes of conflict resolution. Various analytical and philosophical theories such as “essentialism-existentialism”, “radical”, “conservative” etc theories shall be outlined and succinctly discussed.

POL 810 – Marxist Leninist Thought

An in-depth survey of the different concepts, current models and theories of development and modernization, with particular attention to the role of ideology, elites, political parties, bureaucracy and the problems of institution building for non-violent political change in the less development countries of the Third World. A discussion of the new approaches, tools and concepts offered by political scientists for the study of political development and modernization.

POL 811 – Theories of Political Development and Modernization

An in-depth of survey of the different concepts, current models and theories of development and modernization, with particular attention to the role of ideology, elites, political parties, bureaucracy and the problems of institution building for non-violent political change in the less development countries of the Third World. A discussion of the new approaches, tools and concepts offered by political scientists for the study of political development and modernization.

POL 812 – Issues in Contemporary International Relations

Arms control and disarmament, unipolarity, bipolarity and multi-polarity notion of limited war, interventionism, and regional conflict and cooperation integration, alliances with other forces which have impact on international affairs, select case studies.

POL 813 – Political Parties, Electoral Systems and Voting Behaviour

An analysis of the structure of political parties in relation to their function in a number of constricting states, and a survey of the existing knowledge of election and voting behavior in relation to problem of contemporary political theory. Here, the typology of political parties would be defined. The various theories explaining the structure of party systems and voting pattern or profile will be discussed.

POL 814 – Science, Technology and Politics

An examination of the mutual impact of science and technology on one hand and government and politics on the other hand, with emphasis on the political context of scientific development, the scientific context of public policy, the structure and process of science policy making, the role of scientists as policy advisers, and the problems and prospects of scientific and technological development in the Third World.

POL 815 – Nigerian Government and Politics

The rise of nationalism in Nigeria, constitution, evolution of federalism, political parties and political process, crisis and conflict, military in politics. The events leading from pre-colonial, colonial and post-colonial should be studied. The rise and fall of all Nigerian Republics should be outlined and discussed. The emergence of democratic government since 1999 will be exhaustively analyzed and discussed.

POL 816 – Civil Military Relations

The identification and comparison of the political and socio-economic roles played by professional military establishment in both advanced and less developed countries with a focus on civilian control of the military, the mechanism of military coups, the performance of political functions by military regimes, and the problem of and procedures for transition of civil rule.

7.2 PHD POLITICAL SCIENCE

POL 901 Research Methods in Political Science (3 UNITS)

This course examines detailed discussion of methods and tools of social science research; review of research process, literature and qualitative methods of data collection and analysis with emphasis on new software like Atlas ti and Invivo .It also considers the development of theories and model formulation; research hypotheses; new developments in research methods in social sciences; report writing and presentation.

POL 902 Advanced Research Methods in Political Science (3 UNITS)

This course introduces students to advance tools of quantitative analysis. It demonstrates practical application of data analysis and statistical software such STATA, E-View, SPSS among others to descriptive and inferential statistics, correlation and regression analysis, time series analysis, interpolation and extrapolation, survey techniques and methodology, analysis of variance, statistical inferences and interpretation as well as theory of attributes.

POL 904 PhD Seminar (3 UNITS)

The student is expected to present a paper which is a critique of current issues in his/her proposed field of specialization in consultation with his/her supervisor. Such academic paper could be presented at the departmental or faculty postgraduate seminar. This is a deliberate attempt to draw ideas and enrich the knowledge of students in the area and aspect of interest he/she has chosen. The candidate shall demonstrate a thorough grasp of the relevant issues and meaningfully articulate a position on the state of knowledge in the area chosen.

POL 999 Thesis (12 UNITS)

The student is expected to present an acceptable research problem in Political Science which will be approved by the supervisor and the departmental/college postgraduate committee. The final thesis which must followed stipulated methodological process must not exceed 45,000 words, should be typed, bound in an approved size paper and must be supervised by a minimum of two (2) supervisors not lower than the rank of a Senior Lecturer.

8.0 STAFF LISTING

S/N	NAME	AREA OF SPECIALIZATION	DISCIPLINE	QUALIFICATION	RANK
1	Prof. M. Okotoni	Human Resource Management, Management, Governance, Public Policy.	Public Administration	BA (History) MPA (Public Administration) PhD (Public Administration)	Professor & Head of Department
2	Dr. O. O Oluwaniyi	International Relations, Conflict Studies, Peace and Security, Gender and Development Studies	Political Science	BSc (Maiduguri) MSc (Ibadan) PhD (Ibadan)	Reader
3	Dr. Adebayo O. Adedeji	Comparative Politics and Administration, Public Policy Analysis	Political Science	BSc (Ibadan) MSc (Ibadan) PhD (Ibadan)	Senior Lecturer
4	Dr. Ambrose I. Egwim	Comparative Politics, Research Methodology, and Political Theory	Political Science	BSc (Awka) MSc (Awka) PhD (Nsukka)	Lecturer I
5	Dr Ayodeji Alabi	Comparative Politics, Ethnic and Federalism Studies	Political Science	BA (History) MSc (Political Science) PhD (Political Science)	Lecturer II

CHAPTER EIGHTEEN

DEPARTMENT OF TOURISM STUDIES

1.0 PHILOSOPHY OF THE PROGRAMME

The Tourism Department runs Tourism and Hospitality PhD programme. The programme is a derivative of academic and applied research with the aim of providing cutting edge post-graduate education for outstanding scholars who will be trailblazers in universities and research institutes. The programme mission is designed to provide scholarly opportunities for students to be grounded in philosophical, theoretical and practical nuances of the discipline. This will be done through a purpose driven coursework system and robust supervised research effort which will guarantee that our students are prepared for advancing the frontier of knowledge in the discipline. Ultimately, graduates of the programme are expected to be part of the global community of scholars and entrepreneurs who through their work outputs will promote societal sustainable development.

2.0 BRIEF HISTORY OF THE DEPARTMENT

The Department of Tourism Studies was one of the six departments that made up the College of Management and Social Sciences in Redeemer's University upon establishment in 2005 and started awarding degree in BSc Tourism Management in 2009. In 2011, the department also got approval to change the degree awarded to BSc Tourism Studies. Also, in 2015/2016 academic session, the department got approval to run Postgraduate Diploma and Master of Science in Management with specialization in Tourism and Hospitality Management. Thereafter, in 2020/2021 academic session, the department floated her own postgraduate programmes in the Faculty of Social Sciences.

The **Tourism and Hospitality Studies** postgraduate programme run by the Department is taught by Faculty members who have varied and diverse background in academics, researches and industrial experiences. These include scholars in Ecotourism, Wildlife Management, Population Studies, Tourism and Hospitality Studies, Human Nutrition and specialist in Quantitative Research. Scholars in such disciplines as Economics, Business Management, Marketing, Accounting, Psychology, Political Science and Sociology, also join in moulding the students academically.

The method of lecture delivery in the department is a mixed grill of theoretical and practical approach, and this is done by the deployment of contemporary technologies in the fields of Information and Communication Technology (ICT) such as the use of Edusocial, Ims platform, and E-Board, as well as well-equipped Practical Kitchen demonstration by students.

All these are complemented by an avalanche of up-to-date print and electronic library resources with thousands of titles in books, journals, monographs, encyclopedias and allied publications.

3.0 OBJECTIVES

The postgraduate programmes in Tourism and hospitality aim to consolidate the knowledge acquired during undergraduate study and also equip students with the skills needed to design and *execute tourism and hospitality* management strategies.

The objectives of the Postgraduate programmes in Tourism and Hospitality are:

- (d) To enhance the awareness of students of the growing importance of the Tourism and Hospitality industry to our society, nation and the world.
- (e) To acquire a comprehensive understanding of the Tourism and Hospitality industry, in particular the tourism system and those dimensions of hospitality (skills, personal qualities and attitudes) that are valued by the industry.
- (f) To develop the appropriate knowledge, values and skills that supports the sustainable development of the industry.

- (g) To provide students with requisite knowledge and pre-employment industrial experience to explore multiple pathways for post graduate studies and career development in the Tourism and Hospitality industry.
- (h) To provide knowledge about strategic management, marketing, sales management, entrepreneurship, financial planning, human resource management, governance and policy as they affect Tourism and Hospitality.
- (i) To develop students' skills in tourism and hospitality management, enabling them to set up and manage their own tourism and hospitality businesses.
- (j) To develop in the graduates of the programmes abilities that will enable them function in managerial positions, policy makers and consultants in any tourism and hospitality organisations.
- (k) Provision of qualitative training in the art and science of researches for graduate students eyeing careers as academia in universities, researchers in institutes and entrepreneurs.
- (l) Development of highly trained workforce in the field of Tourism and Hospitality which are critical participants in the quest for desired national development.
- (m) Advancing the frontier of knowledge in Tourism and Hospitality by leveraging on extant principles, models, theoretical and conceptual foundations of the discipline to promote new inventions and thinking.
- (n) Engaging in researches that are directly impactful on Tourism and Hospitality problems bedeviling the nation particularly and the sub-Sahara African region generally.
- (o) Producing sets of critical thinkers, logical analysts and brilliant scholars capable of formulating objective policies and strategies in the field of Tourism and Hospitality.

4.0 AREAS OF SPECIALISATION

Programmes offered in the department include:

- i) Postgraduate Diploma, PGD
- ii) Master of Science, MSc
- iii) Doctor of Philosophy, PhD

A candidate may pick interest at PGD and MSc or specialize at PhD level in any area of interest in the programmes listed below:

Doctor of Philosophy (PhD) Tourism Studies with specialization (option) in any of the following:

- i) Sustainable Tourism
- ii) Hospitality Studies

5.0 ADMISSION REQUIREMENTS

5.1 PGD

Below are the requirements for admission into the PGD programme in Hospitality and Tourism:

- a) Possession of five credits at not more than two sittings at the ordinary level, WASC, NECO or approved equivalents, in five subjects which must include English Language, Mathematics and Economics/geography or other relevant subjects **AND**
 - vi. Relevant first degree not lower than Third Class from recognized Universities OR
 - vii. First Degree with at least Second Class Lower in areas not directly related to Management Sciences may be considered **OR**
 - viii. Higher National Diploma at Lower Class in relevant disciplines in the Management Sciences, Social Sciences, Engineering etc from approved Polytechniques, Colleges of Technology and Institutes **OR**
 - ix. Relevant professional qualifications with relevant work experience

- x. In addition to the above, candidates will be subjected to test and interviews to further determine their ability, as may be organized by the Department

5.2 MSc

Below are the requirements for admission into the MSc programme in Hospitality and Tourism:

- a) Five (5) O'level credits in English Language, Mathematics, Economics/Geography or any other Social Science or Arts subject in not more than two sittings; and any of the following:
- b) A good honours degree (at least second class lower) in Tourism and Hospitality Management from a recognized university.
- c) A postgraduate diploma in Tourism and Hospitality Management at upper credit or other related courses.
- d) A good honours degree (at least second class lower) in Tourism and Hospitality Management, or other related discipline from a recognized university may be considered.

5.3 MPhil/PhD

Below are the requirements for admission into the Mphil/PhD programme in Hospitality and Tourism:

Candidates for admission into MPhil/PhD programme must have scored 55- 59% in the MSc programme.

5.4 PhD

Below are the requirements for admission into the PhD programme in Hospitality and Tourism:

- iv) Candidates for admission into Ph.D. Tourism and Hospitality Studies must possess a M.Sc. in Tourism/Hospitality from a university recognized by Senate of Redeemer's University, with a weighted average of at least 60% or equivalent grade and MSc research dissertation from a recognized university.
- v) In addition, all candidates must satisfy UME requirements for B.Sc. Tourism of Credit Passes or its equivalent in five (5) O' Level subjects including English Language, Mathematics and Economics, or any other science or social science subjects at not more than two sittings.
- vi) The regulations of Postgraduate College shall govern the award of PhD degree in Hospitality and Tourism Studies.

6.0 GRADUATION REQUIREMENT

6.1 PGD

Minimum Requirements for the Award of the Postgraduate Diploma

In addition to satisfying other university requirements as may be specified from time to time by the College of Postgraduate Studies on behalf of Senate, the PGD (Tourism and Hospitality Studies) degree shall be awarded to students who have successfully completed a minimum of 32 credit units of workload broken into:

Compulsory Courses (8 courses)	20 units
Elective Courses	8 units
Research project	<u>4 units</u>
	<u>32 units</u>

In all pass a minimum of 32 units with a pass mark of 50% in each course

6.2 MSc

The MSc (Tourism and Hospitality Studies) degree shall be awarded to students who have successfully completed a minimum of 36 credit units of workload broken into:

Compulsory Courses (8 courses)	21 units
Elective Courses (4 courses)	8 units
Seminar	2 units
Dissertation	6 units
	<u>37 units</u>

Satisfactory participation in all parts of the curriculum and satisfactory completion of all required papers are conditions that must be satisfied to qualify for the award of the degree. Candidates must pass all registered courses before graduation.

6.3 MPhil/PhD

- (i) The candidate will have to undergo a conversion examination to be conducted by an examination panel;
- (ii) The examination panel shall be made up of the Head of Department as the Chief Examiner, Department/Faculty Postgraduate Coordinators, Representative of the College of Postgraduate Studies, Supervisor and Internal-External Examiner.
- (iii) The candidate shall be required to score a minimum of 60% to proceed to PhD
- (iv) A candidate who falls short of making the minimum requirement of scoring 60% will proceed to complete his/her dissertation and be awarded the M.Phil degree provided the candidate scores a minimum of 50%.
- (v) A candidate who fails to proceed within the immediate session shall be required to re-apply.

6.4 PhD

The PhD degree in Hospitality and Tourism will be awarded to a candidate who is deemed to have satisfied the following conditions:

- (viii) In addition to satisfying other University regulations, the student must have successfully presented two seminars: pre-field and post field seminars on the thesis before the final thesis defence.
- (ix) A thesis describing the original work carried out by the student while studying for the degree, written in the format specified by the College of Postgraduate Studies should be submitted at the end of the programme.
- (x) The title of the thesis should be submitted through the College Board of Postgraduate Studies for approval at least 3 months before the oral examination.
- (xi) The thesis should have been adjudged to have significantly contributed to knowledge in the students' chosen area of specialization and must not have been submitted for any higher degree elsewhere.
- (xii) At least two (2) research articles published in an internationally peer reviewed journal or submitted manuscript undergoing review for publication in an internationally peer reviewed journal shall be required before the oral examination of the candidate's thesis.

7.0 COURSE STRUCTURE

7.1 PGD TOURISM STUDIES COURSE STRUCTURE

FIRST SEMESTER

Course Code	Course Title	Unit	Status
THS 711	Basic Concepts and Issues in Sustainable Tourism Management	2	C
THS 713	Tourism and Hospitality Marketing	2	C
THS 715	Destination Management and Planning	2	C
THS 717	Advanced Research Methods for Tourism and Hospitality	2	C

THS 719	Entrepreneurship in Tourism Travel and Hospitality Industry	2	C
THS 721	Management of Service Excellence	2	E
THS 723	Special Events Management Exhibition and Conventions	2	E
THS 725	E-Tourism and Social Media in Tourism and Hospitality	2	E

NOTE: Choose any two elective courses

SECOND SEMESTER

Course Code	Course Title	Unit	Status
THS 712	Food and Beverage Service Management	2	C
THS 714	Tourism Operations Management Application	2	C
THS 716	Hospitality Operations– Management	2	C
THS 718	Organisational Behaviour in International Tourism and Hospitality Organisations	2	C
THS 720	Food Laboratory Techniques and Practices in Hospitality	2	C
THS 722	International Tourism Policy and Development	2	E
THS 724	Hotel Operations Management Applications	2	E
THS 726	Gaming Operations and Management	2	E

NOTE: Choose any two (2) elective courses

THS 799 Integrated Project

7.2 MSc TOURISM AND HOSPITALITY COURSE STRUCTURE

FIRST SEMESTER

Course Code	Course Title	Units	Status
THS 801	Quantitative Techniques and Research Methods in Tourism and Hospitality Studies	3	C
THS 803	Sustainable Tourism Development and Management	2	C
THS 805	Accommodation Operations and Management	2	C
THS 807	Biodiversity Conservation and Tourism	2	C
THS 809	Destination Management and Marketing	2	C
THS 811	Entrepreneurship in Tourism, Travel and hospitality	2	E
THS 813	Geography of Tourism Destinations and Hospitality Outlets in Nigeria	2	E
THS 815	Sector Industry Analysis in Hospitality and Tourism Management	2	E
THS 817	Hospitality Service Excellence	2	E
THS 819	Internationalism of Hospitality	2	E
THS 821	Hospitality Concepts and Innovation	2	E

NOTE: Choose any two (2) courses from the electives

11 units compulsory (C)

4 Units Electives (E)

Total Units 15 units to be registered for

Students are expected to seek advice of either the Head of Departmental Postgraduate Coordinator or any officer appointed as Postgraduate Adviser before selecting and registering for any course for the semester.

SECOND SEMESTER

THS 802	Tourism Policy Development and Administration	2	C
THS 804	Critical Issues and Special Topics in Hospitality/Tourism/Travel Industry	2	C
THS 806	Human Nutrition and Dietetics	2	C
THS 808	Tourism and Globalisation	2	C
THS 810	Human Resources Management in Hospitality Travel and Tourism	2	C
THS 812	African Culture and Civilisation	2	E
THS 814	Advanced Tour Operations, Travel services and Transportation	2	E
THS 816	Marketing in Tourism	2	E
THS 818	Food Laboratory Techniques and Practices in Hospitality	2	E
THS 820	Hospitality Industry Law	2	E
THS 822	Hospitality Management and Catering Services	2	E
THS 824	Culture and Tourism in West Africa	2	E

NOTE: Choose any two (2) elective courses

10 units compulsory (C)

4 Units Electives (E)

Total Units 14

Students are expected to seek advice of either the Head of Departmental Postgraduate Coordinator or any officer appointed as Postgraduate Adviser before selecting and registering for any course for the semester.

THIRD SEMESTER

COURSE CODE	COUSE TITLE	UNIT
THS 823	Seminar on Special Topics	2
THS 898	Dissertation	6
	Total	8

At the end, number of minimum units required for MSc. Tourism Degree, **before graduation is 37 (including 10 units of elective courses)**

7.3 PhD TOURISM AND HOSPITALITY COURSE STRUCTURE

FIRST SEMESTER

COURSE CODE	COURSE TITLE	L	T	P	TOTAL POINTS
THS 901	Advanced Theory and Practice in Tourism and Hospitality Studies	2	1	-	3
THS 902	Advanced Research Methodology in Tourism and Hospitality Studies	2	1	-	3
THS 903	PhD seminar 1 (Research proposal)	-	-	3	3

SECOND SEMESTER

COURSE CODE	COURSE TITLE	L	T	P	TOTAL POINTS
THS 904	PhD Pre – Field seminar	-	-	3	3

THIRD – SIXTH SEMESTER

COURSE CODE	COURSE TITLE	L	T	P	TOTAL POINTS
THS 905	Ph.D Post Field Seminar	-	-	3	3
THS 999	Thesis Writing	-	-	12	12
	Viva	-	-	9	9

8.0 COURSE DESCRIPTION

8.1 Postgraduate Diploma (PGD)

THS 711 Basic Concepts and Issues in Sustainable Tourism Management

This course enables students to understand the basic fundamentals and issues of tourism, sustainable tourism and its management; the growth in mass tourism and resulting problems; tools of sustainability in tourism; visitor management techniques; environmental impact assessment; host and destination; local participation in decision making; understanding poverty and its effects on tourism sustainability, product development and innovation.

THS 712 Food and Beverage Service Management

This course introduces students to basic concepts of food service and to the skills, knowledge and responsibilities required in food service. The knowledge and skills acquired in this unit will prepare students for roles in food service outlets. Students will explore the factors involved in the meal experience and will have the opportunity to relate issues concerning value, quality, skill levels, satisfaction, service and environment to customer expectations in a variety of operations. Learners will need to organize the preparation and layout of a food service operation, taking into account various factors such as equipment, staff organization and particular customer needs.

THS 713 Tourism and Hospitality Marketing

Marketing plays a key role not only in constructing and communicating the brand of a particular destination, tourism, sport or hospitality business or an event, but also in achieving its competitive advantage. The aim of this module is thus to provide a theoretically underpinned understanding of effective approaches to strategic marketing through its exploration of key marketing theories and concepts, marketing strategies, branding and marketing semiotics and their role in creating successful integrated marketing communications in tourism, hospitality, events and sport business practice.

THS 714 Tourism Operations Management Applications

This course aims to provide students with comprehensive skills and knowledge required to use a Global Distribution System (GDS). It is an essential sales tool for travel professionals. The system allows creating airline reservation for individual and/or group traveler and perform other functions like allocating seats, meal or facilities request, itinerary modification, mileage and mathematical calculation, metric and

currency conversion, check calendar, date and time difference calculation, encode or decode city, airport, country, currency, state, province and airlines.

THS 715 Destination Management and Planning

Introduces students to the complexities of developing and coordinating all aspects of a destination that contribute to the visitor economy, taking account of the needs of visitors, local residents, businesses and the environment. It also offers students an opportunity to develop a detailed and critical awareness of the theoretical and empirical issues, which underpin sustainable destination management and planning. Assessment consists of an individual essay and a group presentation.

THS 716 Hospitality Operations – Management

The aim of this operations management module is to help the students to acquire the core skills and knowledge that operatives, supervisors and managers need in order to lead and manage the people and operations in the hospitality businesses effectively and efficiently. Students will learn from experienced faculty the new vision approach to hospitality operations management which is desirable in responding to the challenges and opportunities brought about by a rapid pace of change in skills, attitudes and competencies that the industry now requires.

THS 717 Advanced Research Methods for Tourism and Hospitality

This is an introductory graduate-level survey course on research design/methods and analysis. The course provides a broad overview of the process and practices of research in applied contexts. Content includes principles and techniques of research design, sampling, data collection, and analysis including the nature of evidence, types of research, defining research questions, sampling techniques, data collection, data processing, data analysis, issues concerning human subjects and research ethics, and challenges associated with conducting research in real-world contexts, resource identification, qualitative and quantitative analysis for management in tourism. The analysis component of the course provides an understanding of statistical methodology used to collect and interpret data found in research as well as how to read and interpret data collection instruments.

THS 718 Human Behaviour in Hospitality Organisations

This course addresses motivation and commitment, gender and generalization differences, interpersonal communications, managing expectations and emotional intelligence, understanding self and others- personality trait of self and others. The context of employment and current trends within the hospitality sector would be explored, including labour markets, motivations to work and employee diversity, as well as specific human resource management practices. This course will enable the development of self-awareness and skill of managing people, help develop the ability to learn independently and in cross cultural contexts. (This module brings together knowledge, understanding, different interpretations and critical analysis of the contexts and issues relating to international human resource management. Current personnel and development trends such as managing a diverse workforce in international organisations will be explored. In addition, the context of international personnel and development will be examined such as different employment systems and national cultures. These areas will be critically examined with the firm/organisation as the main focus of analysis).

THS 719 Entrepreneurship in the Tourism Travel and Hospitality Industry

This program will enhance the entrepreneurial abilities and equip students with the relevant knowledge and skills required to be innovative in business. Besides learning from industry experienced experts, challenging projects will give the learning opportunity and experience to jump start your own project and define the future of hospitality new venture creations.

THS 720 Food Laboratory Techniques and Practices in Hospitality

Proper storage temperature. Handling of perishable foods. Protection of foods from moisture, dust, dirt, pests and other contamination including cross-contamination with other foods. Cleaning and sanitizing of recommended utensils e.g stainless steel, glass, plastic, plastic utensils. Focus on food borne illness caused by food contamination with physical, biological chemical substances; techniques for handling such. Special focus on food borne illnesses. Food service hygiene and sanitation.

THS 721 Management of Service Excellence

Having a robust customer service team and service is essential and key to any organization success, and it often plays an important role in client satisfaction. This course aims to introduce students to the principles, concepts and models on service quality and excellence. Students will develop a deep understanding of what specific skills and strategies are needed through role playing and class discussion that lead to successful implementation of service quality in the tourism and hospitality organization.

THS 722 International Tourism Policy and Administration

Historical background of local and international tourism, various global locations of interests to tourists, role of transport in international tourism, tourism growth factors (cultural, economic, political, technological, religious, sports, etc.); tourism seasonality and factors responsible for touristic movement, strategies for managing international tourism. Local customs practices and legal mechanisms of the host country and how this relates to tourists and tourism developments; environmental effects of international tourism, studies of hazards that may result from international tourism (such as that on individual and community health, agriculture and wildlife resources, tenure mechanisms, etc) and insurance policy. Strategies for improving tourists values, social impact and international tourism.

THS 723 Special Events Management Exhibition and Conventions

This course will equip learners with the theoretical and practical knowledge spanning all areas of event management including, Event analysis and conceptualization; scoping and scheduling of even; Events marketing and promotion; Management of risk; A key component of this course is the event project where students will have to apply the knowledge learned and execute the event from the initiating phase to implementation, planning, monitoring and control, closing and evaluation.

THS 724 Hotel Operations Management Applications

In this course, students will gain an insight into the workings of a property management system (PMS) used in the hospitality industry, introduced to operational aspects of the front desk department which include positioning of the front desk, selecting a property management system (PMS) and PMS applications. Students will be equipped with the basic skills and knowledge to perform functions relating to hotel guest profiles, reservations, setting up special requests, assigning of rooms, checking in/out and guest accounts management.

THS 725 E-Tourism and Social Media in Tourism and Hospitality

During the course covers the history, present and future of electronic business in interactive discussions. The following subjects are the main themes: new business models; internet and other networks; internet pages and commerce, usability; payments, taxes, service, returning; security, ethical, political and social issues, privacy; B2B e-commerce, partnering, EDI, Supplier Relations Management; ERP (Enterprise Resource Planning), intranet; procurement of systems, requirement specifications; electronic marketing; ROI, measuring, data mining; change in consumer behavior; Web 2.0, social media; virtual worlds; mobile business

THS 726 Gaming Operations and Management

Emphasizes the organizational structure of casinos and their personnel. Topics include gaming behavior, marketing, player rating, slot volatility, casino layout and table games management. The strategies and

procedures that need to be used to protect the integrity of table games and the role of surveillance in the prevention and detection of scam artists and cheaters are examined.

THS 798 Integrated Project / Industrial Attachment

Industrial Attachment is an important aspect and component of students' development. As a part of course curriculum, Tourism and Hospitality's students are expected to undertake a 6-month industrial attachment in the dynamic tourism and hospitality industry. The aim of the Industrial Attachment is to enhance classroom learning experience through involvement in industrial and commercial exposure, thus enabling students to relate theoretical concepts with practical situations and at the same time develop and enhance professional awareness and communication skills of the students.

The Integrated Project provides an alternative opportunity for students to integrate their knowledge through application to a practical based class-room project within the selection of the student's choice of industry. Preferably, this project focuses on an identified management issues and/or opportunities of an organization.

8.2 MSc COURSE DESCRIPTIONS

THS 801 Quantitative Techniques and Research Methods in Tourism and Hospitality Studies

Introduction to advanced research methods, application of statistical/mathematical concept in tourism planning, analysis of point, patterns, covariance and multi-variance methods, mathematical modeling techniques, viz stochastic, optimizing and entropy model. Introduction to multi-variance statistical analysis, factor and principal component analysis, linear surface mapping, time series analysis, linear programming, introduction to computer application in tourism studies. Data processing; design techniques, strategies and methods of data collection and other system approaches apply to tourism services. Resource identification, qualitative and quantitative analysis for management in tourism.

THS 802 Tourism Policy Development and Administration

To develop an understanding of tourism policy-making processes, and to gain skills in the evaluation of tourism plans and policies. Development and evolution of tourism policy, Tourism Planning at the state, destination and development site levels- concepts, processes and procedures, Tourism planning and policy in various environments. This course aims at demonstrating the critical importance of tourism policy to the competitiveness and sustainability of a destination and relates tourism planning to policy and formation of tourism policy and relates planning within ecologically sensitive landscape and areas to policy. The planning and management strategies are to be articulated in the context of social, economic and environmental impacts of tourism. Special emphasis is given to national parks and protected areas worldwide. The course introduces student to tourism planning, vision, policy, and development strategy. Managing tourism plan and tourism management plan and tourism development planning in local areas are included. Theory and practice of tourist management and administration. Setting of objectives and Development of plan. Organizational structure and personal management. National tourism policy, policy formulation, evaluation and appraisal of policy formulation, evaluation and appraisal of policy making. Basic tourist facilities, survey of touristic potentials of a site, Tourists population dynamics and its application. Tourism planning and management. Environment impact assessment of tourists' activities, motivation of tourists. Land use decree and allocation planning, the urban infrastructure and services.

- THS 803 Sustainable Tourism Development and Management**
 Tourism and sustainability. Tools of sustainability In tourism, visitor management technique and environmental impact assessment, host and destination and local participation in decision making. Understanding poverty and its effect on tourism sustainability, product development in tourism and innovation. Growth of mass tourism and resulting problems. Historical development of sustainable tourism. Tourism impacts in social, cultural, economic and physical environment.
- THS 804 Critical Issues and Special Topics in Hospitality/Tourism/Travel Industry**
 Facility and Hospitality Management. Travel agents and tourism development. Tour Operators, and Guides, and Tourism management. Accommodation and catering arrangements for clients. Meetings and special events planning. Business fundamentals: tourism/hospitality marketing. Human relations and ethical issues. Tourism information services. World destinations in accessing and booking. Professional Travel Counseling. Hotel Front Office Procedures. Booking online for Hotel and flight. Special needs traveler. Restaurant and food service management. Responsible alcohol service. Tourism, hospitality and travel management global issues of contemporary relevance.
- THS 805 Accommodation Operations and Management**
 This course offers a complete approach to the operation of Hotel properties. Beginning with historical developments Types of hotel and grading structure, brands and target markets; quality and luxury, details are presented in planning, development, financial investment management, and marketing that deal with the unique nature of hotel business. This course also examines the future and the impact of accommodation concept, technology change, the digital age and digital business disruptors, and the increased cost of energy and transportation.
- THS 806 Human Nutrition and Dietetics**
 Roles, responsibilities and expectations of dietetics professionals, patients-dietetics professionals' relationship. Contemporary issues in dietetics: functional foods, traditional cuisine. Definition and history of science of nutrition and several food classes. Benefits of food classes.
- THS 807 Biodiversity Conservation and Tourism**
 Introduction to the concept of biodiversity: definition, qualitative and quantitative assessment. Biodiversity in the world's megatrends: threats identification. Management, conservation, preservation as approaches to biodiversity. What do we have: Poland on the map of the world's biodiversity? Biodiversity indicators. Why forests are the richest terrestrial ecosystems? Biologically Important Forests in Europe. Pitfalls of the ecological newspeak: "sustainable management" against biodiversity. Ecosystem services: marketing biodiversity. Protected areas in the market of ecosystem services. Ecotourism: the concept and prospects of development in Poland. Understanding of biodiversity, its ecological, economic and social meaning; immunity to myths and manipulations related to biodiversity;

ability to choose the most appropriate approach aimed to protect biodiversity in a given ecological, economic and social context; using local, regional, and national biodiversity resources as an inspiration for ecotourism development. Concept of bio-diversity-genetic, species, habitat; concepts and indices of eco-system health and biological integrity; principles, goals and methods of biodiversity conservation; alternative approaches to ecosystem and biodiversity restoration. Theory and objectives, principles, and methods of conservation, evolution of conservation practice. Ecological implications of tourist facilities and activities; conservation of critical ecosystem (watershed, hilly areas, grazing lands; open pit mining area, areas of broken topography and marginal environment), preservation of endangered species of plants and animals in relation to tourism, extension and communication of conservation ideas to tourist.

THS 808 Tourism And Globalisation

This course examines tourism and its globalization. The course investigates themes such as why tourism businesses opt for international expansion, how globally operating tour businesses manages the diversity of tourist destinations. Competition between specialist and mass market, inclusive package tour operations, and the impacts of inclusive holidays on tourist destinations.

THS 809 Destination Management and Marketing

This course recognizes the growing importance of destination management for organisations at national and regional levels; compares theory with practice, highlights the challenges facing those charged with the management and marketing of tourist destinations in an increasingly competitive international marketplace. This course is designed to provide the students with the opportunity to develop a critical appreciation of the key principles, concepts and techniques associated with destination management and marketing as well as to understand the connection between theory and practice.

THS 810 Human Resources Management in Hospitality Travel and Tourism

This course is designed to enable students explore the theory and practices of Human Resources Management (HRM), the Human Resource (HR) function, the HR role of line managers and the interface between HR activities and operations management and monitoring. This module will draw together theory to practice, evaluate the role of HRM to the strategic direction of the organization; will critically analyse the reality of complex HR situations from a variety of perspectives and in a strategic context. Topics covered will include: Normative, descriptive and critical models of HRM- globalization, marketing, the enterprise culture and the quality management. Typologies of HRM styles. HRM practices integration between business strategy and HRM. Integration of HRM and the line management. Organization structure, restructuring and HRM practices. Flexibility in work practices and the HRM practices. The psychological contract. Performance management. HRM, work practices and employee commitment. New technology and HRM. Business strategy, work skills and training.

THS 811 Entrepreneurship in Tourism, Travel and hospitality

This course provides students with up-to-date and competitive education in management with a focus on entrepreneurship environment analysis. The aim of this module is to provide students with a deep knowledge and understanding of contemporary research and business practices. Students

would be able to identify through application of a structural process, viable Tourism, Travel and Hospitality business related opportunities and to articulate such opportunities in a business plan suitable for presentation to potential investors.

THS 813 Geography of Tourism Destinations and Hospitality Outlets in Nigeria

Brief introduction to Nigeria with particular reference to location, history and development of the country from 1900 to 2013. Concept of Geo-tourism with emphasis on national and cultural/man-made tourism; case studies to be drawn from the Nigerian environment. The scale of tourism with emphasis on spatial and temporary characteristics. Geographical components of tourism system, Tourism destination and Hospitality outlets in Nigeria. Types, grades, distribution, growth and development. Constraints at tourism destination. Geographical factors and variables responsible for the dynamics of growth and development of tourism destinations and hospitality outlets.

THS 812 African Culture and Civilization

The historical accumulation of culture and civilization. The distinction between custom, creativity, culture and tradition. The connection between tradition, culture and individual talents. The logical connection between national culture and globalization.

THS 814 Advanced Tour Operations, Travel services and Transportation

This course is designed to create professionals trained in tourism and travel organization and management. The tourism industry and its earnings are very important to many countries worldwide, and tourism is a major force in the economy of the world - it has become an activity of global importance and significance. However, it has also become an industry sector which, unless it is well managed and controlled, can have harmful effects on the cultures and environments of "host" countries. To benefit from tourism, its development must be planned, controlled and "sold" using modern marketing methods, the tourism and travel markets and their products, and the needs and expectations of customers - must be understood and satisfied. This course offers an introduction to travel agency management and operations including the industry's regulations & functions. The course will include responsibilities of agency operations, training, staffing practices, accounting and legal procedures. The course also includes the aviation business, tour operating, travel retailing, planning, marketing package tours, organization of air fares, issuing of tickets, reservation system, airlines, computerized reservation system and promotional fares. Transport form a very important component and link in the tourism sector. This course provides students with knowledge about transport; modes, systems, organization and planning in relation to tourism operations. It equips them with skills of how to manage transport systems to enhance tourism development.

THS 815 Sector Industry Analysis in Hospitality and Tourism Management

This course is designed to enable students develop analytical skills to create an awareness of management issues facing the hospitality, travel and tourism fields. The course will enable students to analyse and evaluate the Hospitality, Travel and Tourism sectors with regard to current industry practices; to identify the role and influence of key stakeholders within the Hospitality, Travel and Tourism in terms of structure, ownership, supply and distribution relationships; to examine and evaluate approaches to the internal operations management of

organization , from the perspective of Hospitality, Travel and Tourism areas within the sector of specific boundaries; to analyse the strategic approach of Hospitality, Travel and Tourism Organizations to the diverse and changing external and competitive environment; and to scan the external environment in which the Hospitality, Travel and Tourism organizations exists.

THS 816

Marketing in Tourism

Introduces students to the concepts, principles and practices of tourism marketing. It covers the various aspects of marketing tourism products, services and destinations, including consumer markets, analyzing consumer buying behavior and the buying decision process, marketing strategies, market segmentation and product targeting and positioning. Students examine the marketing mix, learn how to apply marketing methods to real life situations, implement marketing plans, and evaluate the success of marketing efforts. Particular emphasis is placed on the marketing of tourism services, with comparisons made between services and products. Finally, students analyze the actual destination marketing strategies of a range of local, regional and international destinations. to introduce you to a range of advanced marketing concepts building on a basic understanding of marketing; to apply these concepts to organizations within the appropriate sector; to reflect on the complex factors that can influence and provide opportunities for organizations from the appropriate sectors; to develop an understanding of consumer behavior and advanced market segmentation techniques; to develop an awareness of the links between advanced marketing concepts and the building of relationships with customers and consumers to achieve long term success.

THS 817

Hospitality Service Excellence

This course is designed to enable student develop an understanding of the concept and value of hospitality service excellence, along with a range of management competencies, all of which are relevant to the achievement of service excellence and business development within hospitality outlets.

THS 818

Food Laboratory Techniques and Practices in Hospitality

Proper storage temperature. Handling of perishable foods. Protection of foods from moisture, dust, dirt, pests and other contamination including cross-contamination with other foods. Cleaning and sanitizing of recommended utensils e.g. stainless steel, glass, plastic, plastic utensils. Focus on food borne illness caused by food contamination with physical, biological chemical substances; techniques for handling such. Special focus on food borne illnesses. Food service hygiene and sanitation.

MTH 819

Internationalism of Hospitality

This course is designed to enable students gain an understanding of the changing global environment in which hospitality enterprises operate and the process of international strategic decision making. Students will be able to identify, evaluate and choose strategic options for organization's global development. Students will develop skills to enable them consider business from a global perspective, developing an awareness of the differences of differences between cultural, economic, political and markets.

THS 821

Hospitality Concepts and Innovation

This course would enable students to understand specific concepts and the range of operational competencies relevant to the diversity of the hospitality industry, evaluate how new innovations occur in the hospitality industry, analyse and evaluate, strategies for achieving operational excellence, and research in the hospitality industry, to identify new concepts and innovation.

THS 820 Hospitality Industry Law

It is a basic course in hotel, motel and restaurant law emphasizing risk management and security. Students are introduced to the fundamental laws, rules and regulations applicable to the hospitality industry. Case study approach is used to develop awareness and understanding of the legal problems confronting the manager and the executive in policy and decision making. It focuses on labour law including minimum wage, overtime, exempt employees, sexual harassment, discrimination under civil rights Act Title VII, ADA, Immigration Act and Family and Medical Leave Act, Rights and duties of housekeepers and restaurateurs, civil rights, contracts, negotiable instruments and types of organizations.

THS 822 Hospitality Management and Catering Services

Food Preparation (Theory and Practical), Accommodation Management/ Housekeeping Management. Human Resource Management. Types of Accommodation (Personnel management), Hotel Economics, Marketing, Account and Financial Management, Hotel Accounting and Maintenance.

THS 823 Seminar on Special Topics

Each student is expected to present a paper which is a critique of current issues in his/her proposed field of specialization in consultation with his/her supervisor. Such academic paper could be presented at the departmental or faculty postgraduate seminar.

THS 824 Culture and Tourism in West Africa

This subject examines the potential effects of tourism on culture and heritage. Students examine the concept that culture is a commodity, focusing on key aspects of cultural tourism, including products, marketing, authenticity and imagery. They explore the concept of heritage tourism, and discuss the role of international organizations in protecting and conserving cultural heritage sites. As a result, students learn to recognize and assess the significance of cultural heritage resources, and to analyze the positive and negative impacts tourism has on cultures and heritage sites. Finally, students are introduced to visitor management strategies which help alleviate tourism's impacts on heritage sites.

Dissertation

THS 898 This involves the identification and research into a topic in any problem area of transport and logistics management. Approval of the topic and research proposal must be sought from the appropriate departmental committee before the commencement of research work. The execution of the research must be under the close guidance of an assigned supervisor.

Field Visits and Reporting

After having completed the lecture part of the program and earned their credits, students will be required to participate in a program of field visits. These field visits will enrich the students' perspectives and will be taken in an analytical way and a critical eye that aims at identifying strengths

and weaknesses to help develop a strategy for the development of the place. At the end of the visits, each student is required to develop a report to be presented to the programme coordinator. For this course, a student acquires practical experiences and applies those experiences according to the student's interest and expertise. The field experience serves as a transition from coursework to the Thesis/Master's. A number of field trips will be made.

8.3 MPhil/PhD

Candidates on MPhil/PhD degree programme, which will have their status converted to PhD programme must satisfy the following conditions;

- i) The candidate must register for and pass coursework chosen from the PhD curriculum with at least 60% aggregate score;
- ii) The candidate must present seminar on an "area/concept paper" (extensive literature review);
- iii) Candidate must present a detailed and acceptable research proposal with preliminary result on a topic of interest in an area of specialization

8.4 PHD COURSE DESCRIPTIONS

THS 901 Advanced Theory and Practice in Tourism and Hospitality Studies (3 Units)

This course exposes the student to different conceptual, theoretical, philosophical and methodological paradigms available for analyzing tourism problems. Methodological biases like quantitative or positivist approach, qualitative or interpretivist approach, mixed method or research triangulation. Achievement of precise measurement scaling and sampling technique. The course is designed to imbue the student with sound knowledge of various theories and models applicable in the discipline such as Diamond framework, Butler cyclic model, CBT model, Leiper's tourism system model, Hierarchy-Of-Effects Model, Doxey's Irridex, Prideaux's Model, Time Series Models, Econometric models, panel data analysis, Structural Equation Modeling, etc.

THS 902 Advanced Research Methodology in Tourism and Hospitality Studies (3 Units)

Statistical techniques like Bivariate and Multivariate analysis, Time series analysis, ANOVA, Principal Component Analysis (PCA), Factor Analysis, Cluster Analysis and Linear programming. The student will be tutored on new research methods and their relevance to solving tourism management problems in the contemporary society. Students will be abreast of evolving research methodologies in the discipline by examining scholarly research articles in peer-reviewed journals and relevant textbooks.

THS 903 PhD Research Proposal Seminar (3 Units)

The research proposal is the outline of proposed project that is designed to clearly indicate the area of study and demonstrate student's ability to develop and execute a PhD degree programme of independent research. It should clearly define a question and approach to answering the question. The student should understand the broad field of research, must have read a fair amount of relevant literature, should be able to make a convincing case for the topic being proposed, and have a good grasp of the appropriate methodology to investigate the topic. The proposal should highlight the originality and/or significance of the research. The proposal should explain how it adds to, develops, or challenges existing literature in the field.

THS 904 PhD Pre Field Seminar (3 Units)

This should clearly indicate the outline of what the student intends to do and how he/she will go about it. The student should outline appropriate methodology to be used in investigating the identified problem.

THS 905 PhD Post Field Seminar (3 Units)

The post field seminar is for students to share aspects of their research as it develops with the supervisors and other academics of the faculty and students. The student is expected to have synthesized the evidence they have gathered thus far to answer the research question(s). Students are expected to marshal their materials into manageable form at this point. Students will during the seminar receive feedback from faculty members, assisting them in considering aspects they might not otherwise have addressed.

THS 999 PhD THESIS

(12 UNITS)

The student is expected to present an acceptable research problem in Tourism and Hospitality Studies which will be approved by the supervisor and the departmental/college postgraduate committee. The final thesis which must followed stipulated methodological process must not exceed 45,000 words, should be typed, bound in an approved size paper and must be supervised by a minimum of two (2) supervisors not lower than the rank of a Senior Lecturer.

9.0 ACADEMIC STAFF LIST

NAME	AREA OF SPECIALIZATION	DISCIPLINE	QUALIFICATION	RANK
PROF (MRS) BOLA ADELEKE	Sustainable Tourism Management, Ecotourism and Biodiversity Conservation	Sustainable Tourism Management	BED (Hons.), MCA, MSc., PhD	Professor & Head of Department
DR. (MRS) P.O. ADENIJI	Hospitality Management and Human Nutrition	Human Nutrition	BSc, MSc, PhD	Reader
DR. (MRS) B.O. ADETOLA	Sustainable Tourism Management and Hospitality Management	Sustainable Tourism Management	BSc, MSc, PhD	Senior Lecturer
DR. A.O. OLUWAKOYA	Research methodology in Tourism Techniques	Transport and Tourism Management	BSc, MSc, PhD	Senior Lecturer
DR. KAYODE, OGUNSUSI	Sustainable Tourism Management, Biodiversity Conservation and Environmental Management, Social and Environmental Statistics	Tourism, Biodiversity and Environmental Management	BE. (Hons), MSc, PhD	Lecturer 1
DR. O.C. AINA	Tourism Planning, Hospitality Management and Environmental Management	Tourism and Hospitality Management	BSc, MSc, PhD	Reader (VISITING)
Mrs. A. A. Omitola	Population Development, Sustainable Tourism	Geography	B.Sc., MSc, M.Phil.	Lecturer 1
Mrs. E. Abiola-Oke	Tourism Management, Destination Branding and Marketing	Tourism and Hospitality Management	BSc, MSc IIATA Foundation and Consultancy	Lecturer 1

CURRICULUM FOR FACULTY OF NATURAL SCIENCES

ACCREDITED PROGRAMMES

DEPARTMENT OF BIOLOGICAL SCIENCES

MSc, PhD (Microbiology)

MSc, PhD (Molecular Biology and Genomics)

DEPARTMENT OF CHEMICAL SCIENCES

MSc., MPhil, MPhil/PhD, PhD (Chemistry)

MSc., MPhil, MPhil/PhD, PhD (Biochemistry)

DEPARTMENT OF COMPUTER SCIENCE

PGD, MSc., PhD (Computer Science)

DEPARTMENT OF MATHEMATICAL SCIENCES

MSc., MPhil, MPhil/PhD, PhD (Statistics)

MSc., MPhil, MPhil/PhD, PhD (Mathematics)

DEPARTMENT OF PHYSICAL SCIENCES

MSc., MPhil, MPhil/PhD, PhD (Physics)

CHAPTER NINETEEN

DEPARTMENT OF BIOLOGICAL SCIENCES

1.0 PHILOSOPHY OF THE PROGRAMME

The objectives of postgraduate training are to orient the students for research towards higher degrees, and the development of industrial processes. The microbiology graduate curriculum will provide motivated individuals the opportunity to develop in-depth understanding of microbiological processes and to emerge from the programme with the skills for making valuable contributions to research and biotechnology endeavours. Ultimately, the graduate study programmes prepare the students for leadership positions in academic research, industry, planning and policy formulation.

2.0 HISTORY OF THE DEPARTMENT

The Department of Biological Sciences was established in the year 2005 as one of the four pioneering departments in the College of Natural Sciences. The department started with five (5) lecturers (1 Professor, 1 Senior Lecturer, 1 Lecturer II, 1 Assistant Lecturer and 1 Graduate Assistant). The only laboratory was sparsely equipped with four (4) microscopes and a few other equipment and apparatus.

By 2010, the academic staff strength had doubled comprising 2 Professors, 1 Senior Lecturer, 2 Lecturer I, 5 Lecturer II, and 2 Assistant Lecturers. One Senior Technologist and two Laboratory Assistants had also joined the Department. The Department then could boast of two laboratories with over 60 microscopes and an array of equipment such as UV spectrophotometer, absorption spectrophotometer, refrigerated centrifuge, thermal cyclers, ELISA plate reader and washer, soxhlet extractor, cooled incubator, CO₂ incubator, fluorescent microscope and many others. The department also built a modern animal house for teaching and research.

Late in the year 2013, the University won a World Bank award as African Center of Excellence for Genomics of Infectious Diseases (ACEGID). This Center is domiciled in the Department of Biological Sciences and has boosted the profile of the Department and the University in the area of research, especially in the field of genomics. Currently, the Department boasts of 14 academic staff members excluding 4 Adjunct Senior Lecturers from Harvard University, USA, one Adjunct Professor from the University of Cambridge, Cambridge, UK, and One adjunct Professor from the University of Nebraska, Medical Center, Nebraska, USA.

In 2014, the Department acquired an LC-MS (HPLC-MS) equipment, the first private University and second University in Nigeria to do so. Also, through the World Bank-funded ACEGID project the University can boast of three Illumina MiSeq Sequencing machines, an ABI 3500XL Automatic Sanger Sequencer, ABI 7500 Fast Real-time PCRs, Automatic DNA extractor, Gel documentation device, Roche Light cycler, Bioanalyzers, Illumina Eco Machine, Luminex, oligo synthesizer and many others.

In 2017, National University Commission (NUC) accredited two new programs namely a Master's degree in Molecular Biology and Genomics and a doctoral degree in Molecular Biology and Genomics thus enabling the department to produce graduates in the program. Overall, the departments have graduated a total of 17 master's degree students.

3.0 AREAS OF SPECIALISATION

Candidates for the MSc. or PhD programme may specialize in any of the following general areas:

1. MSc and PhD in Microbiology (options in Environmental Microbiology, Food Microbiology, Medical Microbiology, Microbial Biotechnology).
2. MSc. and PhD in Molecular Biology and Genomics.

4.0 TYPES OF PROGRAMMES AND OBJECTIVES

4.1 MASTERS OF SCIENCE DEGREE (MSc. IN MICROBIOLOGY)

The MSc programme in Microbiology trains graduate students to become proficient and successful investigators who are able to:

1. demonstrate a basic knowledge of central concepts in biomedical sciences.
2. understand current concepts in microbiology.
3. read and critically evaluate the scientific literature.
4. formulate hypotheses based on current concepts in the field and design, conduct, and interpret their own research projects.
5. conduct high-quality research and present research results in peer-reviewed publications and in a dissertation.
6. communicate research results effectively through oral presentations at scientific seminars, conferences, and other venues.
7. write a competitive application for research funding.
8. develop ancillary skills, where necessary, for leadership positions in biotechnology (production and policy formulation) and outside of scientific research.
9. teaching undergraduate and graduate courses in the field of Microbiology.

4.1.1 ADMISSION REQUIREMENTS

Admission into the programme is open to graduates of the Redeemer's University or other institutions recognized by the Senate of Redeemer's University who hold a Bachelor's Honours degree (First/Second Class Upper Division) in Microbiology or related disciplines) approved by the University. Apart from the general regulations governing postgraduate studies in the University and College of Natural Sciences, the following departmental requirements shall also apply:

- I. Candidate must have at least five (5) credit passes at "O" level, including English Language, Mathematics, Biology, Chemistry and any other science subject.
- II. A candidate with First Class or Second Class (upper division) degree in Microbiology or any other relevant programme (Botany, Zoology, Biology and Biochemistry) from the Redeemer's University or other Universities recognized by the Senate is eligible for admission.
- III. A candidate with Second Class B.Sc. (Lower division) degree in Microbiology, depending on the department area of need, may be eligible for admission.
- IV. A candidate with Third Class degree, HND or University PGD with CGPA of 3.0/5.0 may be considered for admission into the academic Master's degree programme depending on the discretion of the department.

4.1.2 DURATION OF THE PROGRAMME

The Master's Degree programme of the department shall be full time and shall run for a minimum of 3 semesters and a maximum of 5 semesters. Extension beyond the specified maximum time shall be determined by the College of Postgraduate Studies and approved by the University Senate.

4.1.3 GRADUATION REQUIREMENT

In addition to satisfying other University regulations, the students must have passed all the courses prescribed by the department and must have obtained a satisfactory grade in the MSc project according to the regulation of the College of Postgraduate Studies. To be awarded a Master's degree, candidates must pass a minimum of **32 credit units consisting of the following:**

- Core courses of 26, 28 or 30 units, including the general courses, projects and seminars
- Elective courses of 6 credit units to bring the total to 32, 34 or 36 units depending on the study option.
- A minimum average score of 50% must be obtained
- A research-based dissertation containing the results of original, publishable data must be submitted
- All Master's students will present 2 seminar papers before graduation and must have participated in Journal Club activities and attended Department/College/University research seminars
- At least one published article or a prepared manuscript for submission in a peer-reviewed journal shall be required before graduation.

THESIS

- A candidate shall be expected to prepare and submit a thesis.
- The thesis shall be the original research work of the candidate and shall include evidence of scholarship and contribution to knowledge in his/her chosen area of specialization.
- The thesis must not have been submitted for any higher degree elsewhere.
- A panel of Examiners, according to university regulations shall examine the candidate orally.

4.1.4 COURSE REQUIREMENTS / STRUCTURE

There are core and elective courses taught by the Department. The student, depending on the area of specialization, chooses elective courses. In an 18-month M.Sc. programme, students need to complete a minimum of 30 credits, spread over two semesters, (First and Second Semesters) respectively. Areas of specialization offered in the department are: Medical Microbiology, Food Microbiology, Environmental Microbiology, and Microbial Biotechnology.

Medical Microbiology Option

First Semester

COURSE CODE	COURSE TITLE	UNITS	STATUS
SCI 801	ICT & Research Methodology	2	C
STA 801	Statistical Methods for the Sciences	2	C
MCB 801	Principle of Fermentation Technology	2	E
MCB 803	Advanced Environmental Microbiology	2	E
BTE 803	Bioethics	2	C
BTE 807	Research Techniques in Biotech	2	E
MCB 805	Advanced Bacteriology	2	C
MCB 807	Advanced Mycology	2	E
MCB 809	Advanced Public Health Microbiology	2	E
MCB 821	Seminar	2	C
TOTAL		20	

10 units compulsory (C); 10 units electives (E); Total registrable units = 20

Second Semester

COURSE CODE	COURSE TITLE	UNITS	STATUS
SCI 802	Management & Entrepreneurship	2	C
MCB 802	Advanced Microbial Physiology and Metabolism	2	C
MCB 804	Advanced Microbial Genetics and Genomics	2	C
BTE 806	Bioinformatics	2	E
MCB 806	Advanced Virology	2	C
MCB 808	Advanced Microbial Ecology	2	E
MCB 812	Antimicrobial Agents and Chemotherapy	2	E
MCB 822	Research Project	6	C
TOTAL		20	

14 units compulsory (C); 6 units electives (E); Total registrable units = 18

Number of units required for this option is 30 (including 6 units of elective courses)

Food Microbiology Option

First Semester

COURSE CODE	COURSE TITLE	UNITS	STATUS
SCI 801	ICT & Research Methodology	2	C
STA 801	Statistical Methods for the Sciences	2	C
MCB 801	Principle of Fermentation Technology	2	C
MCB 803	Advanced Environmental Microbiology	2	E
BTE 803	Bioethics	2	C
MCB 805	Advanced Bacteriology	2	C
MCB 807	Advanced Mycology	2	E
MCB 809	Advanced Public Health Microbiology	2	E
MCB 813	Advanced Food Microbiology	2	E
MCB 821	Seminar	2	C
TOTAL		20	

12 units compulsory (C); 8 units electives (E); Total registrable units = 20

Second Semester

COURSE CODE	COURSE TITLE	UNITS	STATUS
SCI 802	Management & Entrepreneurship	2	C
MCB 802	Advanced Microbial Physiology and Metabolism	2	C
MCB 804	Advanced Microbial Genetics and Genomics	2	C
BTE 806	Bioinformatics	2	E
MCB 806	Advanced Virology	2	C
MCB 808	Advanced Microbial Ecology	2	E
BTE 810	Biotechnology in Food Processing	2	E
MCB 812	Antimicrobial Agents and Chemotherapy	2	E
MCB 822	Research Project	6	C
TOTAL		22	

14 units compulsory (C); 8 units electives (E); Total registrable units = 22

The number of units required for this option is 32 (including 6 units of elective courses)

Environmental Microbiology Option

First Semester

COURSE CODE	COURSE TITLE	UNITS	STATUS
SCI 801	ICT & Research Methodology	2	C
STA 801	Statistical Methods for the Sciences	2	C
MCB 801	Principles of Fermentation Technology	2	E
MCB 803	Advanced Environmental Microbiology	2	E
BTE 803	Bioethics	2	C
MCB 805	Advanced Bacteriology	2	C
MCB 807	Advanced Mycology	2	E
MCB 809	Advanced Public Health Microbiology	2	E
MCB 811	Plant Virology	2	E
MCB 821	Seminar	2	C
TOTAL		20	

10 units compulsory (C); 10 units electives (E); Total registrable units = 20

Second Semester

COURSE CODE	COURSE TITLE	UNITS	STATUS
SCI 802	Management & Entrepreneurship	2	C
MCB 802	Advanced Microbial Physiology and Metabolism	2	C
MCB 804	Advanced Microbial Genetics and Genomics	2	C
BTE 806	Bioinformatics	2	E
MCB 806	Advanced Virology	2	C
MCB 808	Advanced Microbial Ecology	2	E
MCB 810	Advanced Plant Pathogenic Microbiology	2	E
MCB 814	Advanced Soil Microbiology	2	E
MCB 822	Research Project	6	C
TOTAL		22	

14 units compulsory (C) 8 units electives (E); Total registrable units = 22

The number of units required for this option is 30 (including 6 units of elective courses)

Microbial Biotechnology

First Semester

COURSE CODE	COURSE TITLE	UNITS	STATUS
SCI 801	ICT & Research Methodology	2	C
STA 801	Statistical Methods for the Sciences	2	C
BTE 801	Advanced Cell Biology	2	E
BTE 803	Bioethics	2	C
BTE 805	Seminar in Microbial Biotechnology	2	C
BTE 807	Research Techniques in Biotechnology	2	C
MCB 801	Principles of Fermentation Technology	2	E
MCB 803	Advanced Environmental Microbiology	2	E
MCB 805	Advanced Bacteriology	2	C
MCB 809	Advanced Public Health Microbiology	2	E
TOTAL		20	

12 units compulsory (C)

8 units electives (E)

Total registrable units = 20

Second Semester

COURSE CODE	COURSE TITLE	UNITS	STATUS
SCI 802	Management & Entrepreneurship	2	C
BTE 806	Bioinformatics	2	E
MCB 802	Microbial Physiology and Metabolism	2	C
MCB 804	Advanced Microbial Genetics & Genomics	2	C
MCB 806	Advanced Virology	2	C
MCB 808	Advanced Microbial Ecology	2	E
MCB 812	Antimicrobial Agents & Chemotherapy	2	E
BTE 800	Research Project	6	C
TOTAL		20	

14 units compulsory (C)

6 units electives (E)

Total registrable units = 20

The number of units required for this option is 32 (including 6 units of elective courses)

4.1.5 COURSE DESCRIPTION AND UNITS

Course Code	Title and Description of Courses	Units
STA 801	Statistical Methods for Sciences Statistical Data and methods of data description. Probability distributions, Estimation and tests of hypotheses. Regression and correlation, correlation analysis. Contingency data analysis, design of Experiments basic concepts. Basic sampling concepts and bio-assays.	2
MCB 801	Principles of Fermentation Technology Definition and scope of microbial fermentation. History of industrial fermentation processes. Batch and continuous fermentation system. Solid state fermentation. Products of fermentation: primary and secondary metabolites, microbial biomass and indigenous fermented foods.	2
BTE 801	Advanced Cell Biology Plant and animal cells, Carbohydrate, fat and protein metabolism. Concepts of DNA, RNA and proteins. Plant and animal DNA, RNA. DNA and RNA synthesis. Protein Synthesis, Genes, gene transcription and translation, Sub-cellular protein targeting, Protein stability and turnover. Cell death. Plant and animal hormones and Vitamins intracellular and intercellular communication. Regulation of tissue growth.	2
MCB 802	Advanced Microbial Physiology and Metabolism Energy yielding metabolic processes and pathways in microorganisms. Biosynthetic pathways with special references to nucleic acids, vitamins, proteins, polysaccharides and lipids. Regulation of biosynthetic processes.	2
BTE 802	Advanced Molecular Biology Principles of gene amplification. Polymerase chain reaction. Multiplex PCR, DNA and RNA extraction and purification. Expression vectors, promoters, plasmids and clones, principles of plasmid ligation. Restriction digestion analysis. Principles of microarray and DNA chip analysis. Sequencing. Hybridization techniques. Gene transfer methods (electroporation, protoplast fusion). Gene addition and subtraction. Gene regulation. Genetic mapping. Gene and DNA markers: Restriction fragment length polymorphism (RFLP), Short tandem repeats or microsatellites (STR), Single nucleotide polymorphism (SNP), Expressed sequence tags (EST). genetic fingerprinting and foot-printing. Methods of DNA cloning and protein expression. DNA analysis in agriculture, medicine, forensic science and archeology.	2
MCB 803	Advanced Environmental Microbiology Dynamics of microbial populations in air, water and soil. Distribution and survival of aerial and aquatic microorganisms. Biogeochemical cycling of nutrients and chemical elements. Application of microbial systems in water purification, waste management and pollution control. Recent advances in biotransformation and bioremediation.	2

BTE 803	<p>Bioethics</p> <p>Environmental impact of biotechnology. Use of genetically modified organisms (GMO), aerosols, insecticides, etc. Social, ethical and legal considerations in Biomedical research.. Regulation of biotechnology. Issues in bio-safety. Bio-safety regulations.</p>	2
MCB 804	<p>Advanced Microbial Genetics and Genomics</p> <p>Principles of Gene expression, Recombinant DNA Technology, Applications of Genetic Engineering in Medicine, Industry and Agriculture, Hybridization. Polymerase Chain Reaction and Microarray Techniques. Mapping of prokaryotic genomes e.g. <i>E.coli</i> genomes libraries. SAGE DNA chip technology. Functional genomics computer analysis, proteomics..</p>	2
MCB 805	<p>Advanced Bacteriology</p> <p>Current concepts in the classification of bacteria, Cultural and nutritional studies. Bacterial pathogenicity and emerging diseases, Antibiotic and drug resistance, Anaerobic bacteriology. Laboratory diagnosis, Chemotherapy and clinical significance of nosocomial and anaerobic infections.</p>	2
MCB 806	<p>Advanced Virology</p> <p>Biochemistry of viral replication. RNA directed DNA polymerases. Site specific and general recombination in phage lambda. Assay of virus diseases. Viral interference and interferon. Tumor virology. Viral immunology and pathogenicity. Techniques in viral diagnosis. Human Immunodeficiency Virus (HIV) and AIDS. Management of viral diseases.</p>	2
BTE 806	<p>Bioinformatics</p> <p>Scripting. Use of Bioinformatics tools and programmes. Data mining. Statistical analysis. Primer design. Sequence analysis. (BLAST, Clustalw, ORF Finders, Clusters of Orthologous Groups, Proteins Prediction Algorithms). Phylogenetic analysis. Whole genome data analysis tools.</p>	2
MCB 807	<p>Advanced Mycology</p> <p>Current trends in the classification of fungi. Fine structure of fungi. Mechanism of spore dispersal and germination. Water relations and rhythm of spore liberation. Economic mycology with special reference to food and industry. Mycotic infections and their control. Fungal toxicology.</p>	2
BTE 807	<p>Research Techniques in Biotechnology</p> <p>Rt-PCR. Real-Time PCR. Multiplex PCR. Vertical gel electrophoresis for proteins. Horizontal gel electrophoresis for nucleic acids. Northern and Southern blot analysis for nucleic acids. Gel-shift and gel retardation of DNA-protein complex analysis. Western blot analysis for proteins. Transformation, transfection and cloning. Rapid amplification of DNA ends (RACE). Cell and tissue culture. Mass Spectrometry (MALDI-TOF, etc.). Chromatographic analysis. Microarray and DNA chip analysis of transcriptomes and proteomes</p>	2
MCB 808	<p>Advanced Microbial Ecology</p> <p>Ecological relationships amongst microorganisms with special reference to mutualism, competition, synergism and parasitism. Biochemistry of intra and inter-specific interactions. Simulation of microbial environments in continuous culture. Microbiology of extreme environments. Ecology of the rhizosphere, phylloplane and coral reefs.</p>	2

MCB 809	Advanced Public Health Microbiology Detailed studies of microorganisms of public health significance in water, food air and the soil. Mechanism of bacterial and parasitic infections. Epidemiology of communicable diseases and community protection methods.	2
MCB 810	Advanced Plant Pathogenic Microbiology Current trends in aetiology of plant diseases. Ecological and epidemiological aspects of fungal, viral and bacterial diseases of plants. Cytological and biochemical changes in plant diseases.	2
BTE 810	Biotechnology in Food Processing Quality and storage of specific foods. Functional foods. Microbial influence on food production and storage. Quality assurance in the industry. Biotechnology targets in food processing. Improving food quality. Genetically engineered enzymes and additives in foods. Optimization of food processing methods. Microbial biomass and indigenous fermented foods.	2
MCB 811	Plant Virology Purification, extraction and identification of plant viruses using serological and molecular techniques. Classification and nomenclature of plant viruses. Multi-component viruses defective viruses, viroids and other virus-like agenda. Nature and mechanisms of plant viral infections.	2
MCB 812	Antimicrobial Agents and Chemotherapy Chemistry of antimicrobial agents in clinical and industrial usage. Synthesis and production of antibiotics in microbial systems. Structure activity relationships. Antimicrobial therapy of infectious diseases. Mechanism of drug resistance. Drug measurement in body fluids.	2
MCB 813	Advanced Food Microbiology Detailed chemistry of specific foods. Role of intrinsic and extrinsic factors in microbial deterioration of foods. Microbial food-borne infections and food intoxications. Quality assurance in the food industry. Role of microbial enzymes in the food industry. Food production and processing. Indigenous fermented foods in Africa and Nigeria. Optimization of food processing methods. Use of prebiotics and probiotics in foods.	2
MCB 814	Advanced Soil Microbiology Microbiology and biochemistry of agronomically important soil processes. Decomposition of organic matter such as hemicelluloses, cellulose, lignin and fertilizers. Biochemistry of pesticide degradation.	2
MCB 821	Seminar Designed to give practice in critical reading of research articles in journals and in the oral and visual presentation on scientific information.	2
MCB 822	Research Project	6

4.2 MASTERS OF SCIENCE DEGREE (MOLECULAR BIOLOGY AND GENOMICS)

The graduate programme in Molecular Biology and Genomics provides courses in advanced and applied areas of Molecular Biology and Genomics leading to M.Sc. and PhD. Degrees. The program is practical and research-oriented and seeks to ensure a high level of academic and research qualities so that students can acquire the relevant knowledge and skills needed in

infectious pathogen genomics. As an African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), with funding from the World Bank and National Institutes of Health (NIH), the University is at the forefront of studies on the genomics of infectious pathogens and as such is furnished with facilities and several platforms to strengthen expertise and capacity in this regard.

This programme is therefore intended to equip graduate students with theoretical and practical knowledge of molecular biology and genomics. This includes the use of genomic technologies and tools to conduct research aimed at gaining a clearer understanding of infectious pathogens, while developing capacity to diagnose the diseases they cause, investigate and control outbreaks, understand transmission and evolution dynamics, develop drugs and target vaccines, and finally monitor the emergence and widespread of drug-resistance in these pathogens. Though the main research activity of the department is on the genomics of infectious diseases, with particular focus on the pathogens that cause fevers in sub-Saharan Africa, using new sequencing technologies and microbial metagenomics, students can acquire general competencies which can be applied in other specialities in their career or as they seek new knowledge. Students trained in this programme will be provided with outstanding, flexible didactic training experience to prepare them for independent and innovative careers in research (biomedical, pharmaceutical or industrial), academics, medicine, biotechnology, environmental sciences and forensics. Also, students will be equipped with the capability for competitive post-doctoral positions in choice institutions anywhere in the world.

4.2.1 ADMISSION REQUIREMENTS

The criteria for admission to the Master's program will be as follows:

- i) Candidates must have had five (5) credit passes including English, Mathematics, Biology and any two subjects of relevance at 'O' Level in one sitting and six (6) credit passes at 'O' Level in not more than two (2) sittings.
- ii) Candidates with Bachelor's degrees in Microbiology, Molecular Biology/Genetics, Biochemistry, Zoology and other related life and health science disciplines from the Redeemer's University or any university approved by the Senate of the University and a minimum of second-class lower division are eligible to apply.
- iii) Candidates with HND (Upper Credit) and university PGD with CGPA of 3.0/5.0 may be considered for admission.
- iv) Candidate must score a minimum of 10points based on academic qualifications, reference reports and transcript assessment before shortlisting for validity interview.
- v) Candidate must undergo validity interview with the faculties of the program to assess student fitness for the intended program, knowledge of the applied program and skills, communication ability, interest, motivation and leadership capability (Appendix 2)

4.2.2 DURATION OF THE PROGRAMME

The postgraduate degree programme in Molecular Biology and Genomics shall be research and full-time programme. Thus, candidates are expected to be full-time resident students.

The academic programme for a Master's degree in molecular biology and genomics shall run for a minimum of 4 semesters and a maximum of 6 semesters. The programme shall include course work in two semesters, an internship and research period in the last two semesters.

For extension beyond the specified maximum period, special permission from the Senate shall be required.

4.2.3 STRUCTURE OF THE PROGRAMME

Semester 1 and 2: Lectures and Course Work

Both semesters focus on the basic scientific concept in molecular biology and genomics. Different topics on molecular biology, Cell Biology, Genomics, Immunology, and advanced courses in Microbiology and Public health are offered in these semesters. Also, research techniques, ethics and biosafety measures are offered. Foundational training courses are offered and are staggered across the two semesters. Throughout the two semesters, students are attached to various projects at the centre where they overshadow experienced lab managers, postdoctoral fellows and Senior Research Scientists in undertaking ongoing research projects in the centre. This enables the students to acquire hands-on experience before beginning their independent project.

These semesters provide the requisite knowledge and skills that will enable the students to undertake research projects in molecular biology and genomics of infectious of disease.

i) Teaching and learning

The two semesters cover the taught part of the course. Teaching is delivered as a series of lectures, tutorials, journal clubs, laboratory meetings and group presentation, all of which are compulsory.

Class-based lectures are normally three days of the week, the journal takes up a day, and group presentation is bi-weekly. Tutorials are student-led, informal and very interactive.

The lectures aim to provide core knowledge and conceptual understanding, as well as to encourage discussion. Lectures are normally 50-60 minutes each, with additional time (up to 30 minutes) allocated for further discussion. All lecturers welcome questions, and the interactive sessions (tutorials) are probably the most fun – so be prepared to join in the informal debate and do not be afraid to ask (and to keep on asking) until a concept (or its limitations) is entirely clear to you.

After the lectures, the presentations are uploaded onto the centre website. You should use this facility to help you in your self- and class-directed study sessions, and to expand your 'core knowledge' to 'extended knowledge'. Ensure that you cover the whole syllabus, even if a topic is not included in the lecture material. The syllabus will be available on the website.

ii) Hands-on Overshadow scheme

Students are required to volunteer two (2) contact hours in a week to overshadow our experience lab managers, technicians, postdoctoral fellows and senior research scientists, in various ongoing projects in the centre. Students will be assigned to a particular project agreed with the programme director and the lab manager.

This hands-on experience will equip the students with the necessary skills to undertake an independent project.

Semester 3: Internship

Students will go through a 6- 12 weeks internship in other relevant laboratories, fields, or industries to gain insight into their areas of interest. During this period, students will spend time at the different units to get acquainted with various genomic tools available in the laboratory and the industries. Also, students will gain practical experience in the variety of technology being deployed and learn about different scientific questions being investigated within the infectious disease study. Though this internship does not add to the final grade, it is compulsory for all student; assessment will be through a written report demonstrating a good understanding of the application of molecular biology and genomics knowledge and tools as well as certification report from the industrial supervisor.

Semester 4: Research Project (Master's Program)

Master's program students are integrated directly into an ongoing research project where, in most cases, they fulfil between 1 or 2 objectives of the research projects. The research projects will include a comprehensive literature review, approach to solutions, methodology, biostatistics and expected outcome. The project will be presented orally to the College before submission for evaluation.

4.2.4 GRADUATION REQUIREMENTS

To be awarded a Master's degree in Molecular Biology and Genomics, the candidate must pass a minimum of 36 credit units in addition to all the modules of the foundation course as designed by the College of Postgraduate Studies. The credit units are made up of the following:

- Core courses of 30 credit units, including the general courses, seminar and research project
- Elective courses of 6 credit units
- A student shall review and present at least one seminar in the area of genomics and infectious diseases.
- A student shall undergo a 6-weeks – 3months internship in a relevant organization to the field of study
- A student shall submit and defend a dissertation
- A student shall carry out research in a relevant area of infectious diseases, submit an acceptable dissertation (6 credit units and compulsory) and defend before a panel of external and internal examiners.
- A student shall have at least one draft manuscript ready for submission or already submitted for publication in a reputable journal.

4.2.5 COURSE REQUIREMENTS / STRUCTURE

General Courses

All Masters and Doctoral degree students must take postgraduate foundation courses, Management & Entrepreneurship course, ICT & Research Methodology course as compulsory courses. However, any student who has taken them at a particular postgraduate level in the university is exempted at higher levels. The postgraduate foundational course module must be completed and passed but does not carry any credit unit.

Postgraduate Foundation Courses

This will be in 5 modules and will be taught by faculties with expertise in such areas. The assessment shall be in written or practical forms depending on the module. The postgraduate foundation courses are compulsory for all graduate students and must be passed however the scores doesnot add to your overall weighted average.

Module 1: Critical Reading and Thinking

This module shall cover areas such as general reading and understanding of the literature, evaluation of the genesis of a study, evaluation of the evidence presented, identification of methods and tools used, identification of research gap in the study, and evaluation of the research future.

Learning outcome: Student shall be able to increase reading speed and comprehension of the relevant literature, identify and analyse the scientific method comparing with others, logically order the argument, identify research gaps and make a recommendation for future research. At the end of the course, the student should be able to write a review article on a relevant article.

Evaluation Method: Students shall review the literature on a relevant topic of interest, apply knowledge gained from the course, write a two-page review of the topic, and make a presentation.

Module 2: Thesis Writing and Academic Ethics

This module shall include thesis writing skills, components of an academic thesis, ethical standards of research, Copyright issues, Plagiarism, Referencing, referencing styles and Referencing tools, Internet search engine tools and Libraries.

Learning outcome: Students shall be able to write their thesis in the right style and university format. The student shall also learn the implications of plagiarism and other false documentation

Evaluation Method: Students shall present an outline of the research proposal and thesis based on the university-recommended format.

Module 3: Proposal writing

This module includes topics such as Types of proposals, Preparation towards writing a proposal, Writing skills, Components of research proposals.

Learning outcome: Student shall be able to develop a proposal for their topic of interest, ensuring the inclusion of all necessary parameters discussed in the class.

Evaluation Method: Students shall write a research proposal for their work and present to the academic community.

Module 4: Research ethics

This module shall include Fundamental Ethical Principles, design and implementation of research involving human and animal experimentation, structure, role and responsibilities of the institutional review board (IRB), scientific misconduct and regulation of research, ethical clearance and informed consent and its components.

Learning outcome: Student shall understand the ethical way of conducting research, the ethical issues that concern research especially when it involves biological subject, and able to apply best practices in their research

Evaluation Method: Students shall undergo a certified online assessment. The student shall develop a protocol and consent/assent form relevant to the research project to be submitted to the ethics committee for approval

Module 5: Leadership, Communication skills, Reporting and Conducts.

This module shall include mastery in teamwork and team building, understanding the audience, building networks and managing information flow, proposal writing, pre and post-award management, contract and sub-contracts, protocol writing, amendments and submission.

Learning outcome: Student shall understand the styles of communicating and means of demonstrating leadership.

Evaluation Method: Students shall be made to make a presentation to the class.

LIST OF COURSES**FIRST SEMESTER**

CORE COURSES						
S/N	COURSE CODE	COURSE TITLE	UNIT	Contact Hours	Practical Hours	ECTS Equivalent (Cr)
1	SCI 801	ICT & Research Methodology	2	50	Nil	2
2	STA 801	Statistical Methods for the Sciences	2	50	Nil	2
3	MBG 801	Advanced Cell Biology	2	50	50	4
4	MBG 803	Bioethics and Biosafety	2	50	Nil	2
5	MBG 807	Experimental Techniques Molecular Biology & Genomics	2	50	50	4
6	MBG 809	Functional and Comparative Genomics	2	50	Nil	2
7	MBG 821	Research Seminar	2	50		2
		Foundation Training		50		2
		Student-Led Tutorials		50		2
TOTAL			14			22

ELECTIVE COURSES

S/N	COURSE CODE	COURSE TITLE	UNIT S	Contact Hours	Practical Hours	
1	MBG 811	Advanced Tropical Parasitology	2	50	50	4
2	MBG 813	Systematic Biology	2	50	Nil	2
3	MBG 815	Advanced Bacteriology	2	50	50	4
4	MCB 809	Advanced Public Microbiology & Infectious Disease	2	50	Nil	2

SECOND SEMESTER

CORE COURSES						
S/N	COURSE CODE	COURSE TITLE	UNIT	Contact Hours	Practical Hours	ECTS Equivalent (Cr)
1	SCI 802	Management & Entrepreneurship	2	50	Nil	2
2	MBG 802	Advanced Molecular Biology	2	50	Nil	2
3	MCB 804	Advanced Microbial Physiology and Genetics	2	50	50	4
4	MBG 804	Immunology and Immunogenetics	2	50	Nil	2
5	MBG 806	Computational Biology	2	50	50	4
6	MBG 808	Molecular and Genomic Ev	2	50	50	4
7	MBG 810	Advanced Genetics	2	50	50	4
8		Foundation Training		50		2
9		Student-led tutorials		50		2
TOTAL			16			20

ELECTIVE COURSES

S/N	COURSE CODE	COURSE TITLE	UNITS	Contact Hours	Practical Hours	ECTS Equivalent (Cr)
1	MBG 812	Molecular Pharmacology and Pharmacogenomics	2	50	50	4
2	MCB 812	Antimicrobial agents and chemotherapy	2	50	50	4
3	MBG 814	Advanced Virology	2	50	50	4

THIRD SEMESTER

CORE COURSES					
S/N	COURSE CODE	COURSE TITLE	UNIT	Contact Hours	ECTS Equivalent (Cr)
1		Internship	6	450	18

Fourth SEMESTER

CORE COURSES					
S/N	COURSE CODE	COURSE TITLE	UNIT	Contact Hours	ECTS Equivalent (Cr)
1	MBG 822	Research Project	6	450	18

5.0 THE PhD PROGRAMMES

5.1 DOCTOR OF PHILOSOPHY IN MICROBIOLOGY AND MOLECULAR BIOLOGY AND GENOMICS

The doctorate (PhD.) programmes in (i) Microbiology and (ii) Molecular Biology and Genomics shall be primarily by research. However, the Departmental Postgraduate Committee may prescribe to the candidates to take some courses of not more than 12 credit units. The students must also complete all the modules of the foundational course. In addition:

- i. A student shall review and present a seminar on the current trend in genomics and or infectious diseases
- ii. A student shall submit and defend a thesis proposal.
- iii. The student shall present seminars on progress done on the thesis at least once in a session.
- iv. A student shall undergo a 6-week internship in a relevant organization to the field of study
- v. A student shall research relevant areas of infectious disease of importance to Africa and submit an acceptable thesis
- vi. At least two peer-reviewed published articles or accepted manuscripts must be available before the thesis examination

5.1.1 ADMISSION REQUIREMENTS

In addition to the general University requirements for admission to graduate studies, the doctoral programme in the Department of Biological Sciences will also require the following:

- (I) Candidate must have at least five (5) credit passes at “O” level, including English Language, Mathematics, Biology and an extra science subject.
- (II) Candidates entering for a PhD degree should have obtained an MSc. degree in Microbiology or related disciplines from Redeemer’s University or any recognized University with a weighted average grade of 60%. (B)
- (III) Applicants will be required to submit three (3) referees’ reports attesting to the candidate’s intellectual capacity and aptitude for independent problem-solving.

5.1.2 GRADUATION REQUIREMENTS

In addition to satisfying other University regulations, the student must have successfully presented six seminars (two per year) on the Project, before the final thesis defense.

A thesis describing the original work carried out by the student while studying for the degree and written in the format specified by the School of Post Graduate Studies shall be submitted at the end of the programme.

The title of the thesis should be submitted through the College Board of Postgraduate Studies for approval at least a month before the oral examination.

The thesis shall be adjudged to have significantly contributed to knowledge in the student’s chosen area of specialization and must not have been submitted for any higher degree elsewhere.

At least two research articles published in an international peer reviewed journal or submitted manuscripts undergoing review for publication in international peer reviewed journals shall be required before the oral examination of the candidate’s thesis.

A panel of Examiners according to University regulation shall examine the candidate orally.

The panel of examiners should be in agreement with the one approved by the university to examine the thesis.

FIRST SEMESTER

CORE COURSES						
S/N	COURSE CODE	COURSE TITLE	UNIT	Contact Hours	Practical Hours	ECTS Equivalent (Cr)
1	SCI 801	ICT & Research Methodology	2	50	Nil	2
2	STA 801	Statistical Methods for the Sciences	2	50	Nil	2
3	MBG 801	Advanced Cell Biology	2	50	50	4
4	MBG 803	Bioethics and Biosafety	2	50	Nil	2
5	MBG 807	Experimental Techniques in Molecular Biology & Genomics	2	50	50	4
6	MBG 809	Functional and Comparative Genomics	2	50	Nil	2
7	MBG 821	Research Seminar	2	50		2
		Foundation Training		50		2
		Student-Led Tutorials		50		2
TOTAL			14			22

ELECTIVE COURSES

S/N	COURSE CODE	COURSE TITLE	UNIT	Contact Hours	Practical Hours	
1	MBG 811	Advanced Tropical Parasitology	2	50	50	4
2	MBG 813	Systematic Biology	2	50	Nil	2
3	MBG 815	Advanced Bacteriology	2	50	50	4
4	MCB 809	Advanced Public Health Microbiology Infectious Disease	2	50	Nil	2

CORE COURSES						
S/N	COURSE CODE	COURSE TITLE	UNIT	Contact Hours	Practical Hours	ECTS Equivalent (Cr)
1	SCI 802	Management & Entrepreneurship	2	50	Nil	2
2	MBG 802	Advanced Molecular Biology	2	50	Nil	2
3	MCB 804	Advanced Microbial Physiology and Genetics	2	50	50	4
4	MBG 804	Immunology and Immunogenetics	2	50	Nil	2
5	MBG 806	Computational Biology	2	50	50	4
6	MBG 808	Molecular and Genomic Evolution	2	50	50	4
7	MBG 810	Advanced Genetics	2	50	50	4
8		Foundation Training		50		2
9		Student-led tutorials		50		2
TOTAL			16			20

ELECTIVE COURSES

S/N	COURSE CODE	COURSE TITLE	UNIT S	Contact Hours	Practical Hours	ECTS Equivalent (Cr)
1	MBG 812	Molecular Pharmacology and Pharmacogenomics	2	50	50	4
2	MCB 812	Antimicrobial agents and chemotherapy	2	50	50	4
3	MBG 814	Advanced Virology	2	50	50	4

SECOND SEMESTER

Third Semester

CORE COURSES					
S/N	COURSE CODE	COURSE TITLE	UNIT	Contact Hours	ECTS Equivalent (Cr)
1		Internship	6	450	18

Fourth SEMESTER

CORE COURSES					
S/N	COURSE CODE	COURSE TITLE	UNIT	Contact Hours	ECTS Equivalent (Cr)
1	MBG 822	Research Project	6	450	18

5.0 THE PhD PROGRAMME

5.1 DOCTOR OF PHILOSOPHY IN MICROBIOLOGY AND MOLECULAR BIOLOGY AND GENOMICS

The doctorate (PhD) programmes in (i) Microbiology and (ii) Molecular Biology and Genomics shall be primarily by research. However, the Departmental Postgraduate Committee may prescribe the candidates to take some courses of not more than 12 credit units. The students must also complete all the modules of the foundational course. Also;

- i. A student shall review and present a seminar on the current trend in genomics and or infectious diseases
- ii. A student shall submit and defend a thesis proposal.
- iii. The student shall present seminars on progress done on the thesis at least once in a session.
- iv. A student shall undergo a 6-week internship in a relevant organization to the field of study
- v. A student shall research relevant areas of infectious disease of importance to Africa and submit an acceptable thesis
- vi. At least two peer-reviewed published articles or accepted manuscripts must be available before the thesis examination

5.1.1 ADMISSION REQUIREMENTS

In addition to the general University requirements for admission to graduate studies, the doctoral programme in the Department of Biological Sciences will also require the following:

- (IV) Candidate must have at least five (5) credit passes at “O” level, including English Language, Mathematics, Biology and an extra science subject.
- (V) Candidates entering for a PhD degree should have obtained an MSc. degree in Microbiology or related disciplines from Redeemer’s University or any recognized University with a weighted average grade of 60%. (B)
- (VI) Applicants will be required to submit three (3) referees’ reports attesting to the candidate’s intellectual capacity and aptitude for independent problem-solving.

5.1.2 GRADUATION REQUIREMENTS

In addition to satisfying other University regulations, the student must have successfully presented six seminars (two per year) on the Project, before the final thesis defense.

A thesis describing the original work carried out by the student while studying for the degree and written in the format specified by the School of Post Graduate Studies shall be submitted at the end of the programme.

The title of the thesis should be submitted through the College Board of Postgraduate Studies for approval at least a month before the oral examination.

The thesis shall be adjudged to have significantly contributed to knowledge in the student’s chosen area of specialization and must not have been submitted for any higher degree elsewhere.

At least two research articles published in an international peer reviewed journal or submitted manuscripts undergoing review for publication in international peer reviewed journals shall be required before the oral examination of the candidate’s thesis.

A panel of Examiners according to University regulation shall examine the candidate orally.

The panel of examiners should be in agreement with the one approved by the university to examine the thesis.

8.0 STAFF LISTING

8.1 ACADEMIC STAFF

S/N	NAME	DEGREE	STATUS	DEGREE PROGRAMME	RESEARCH INTEREST	E-MAIL
1	O.A. Folarin (Mrs.)	BSc, MSc, PhD (UI)	Professor & Head of Department	Biochemistry	Microbial genomics	folarino@run.edu.ng
2	C. Happi	BSc. (Yaounde); M.Sc., PhD (UI)	Professor	Molecular Biology and Genomics	Microbial and Human Genomics	happic@run.edu.ng
3	A. Osho	BSc (OOU); MSc, PhD (UI)	Professor	Microbiology	Antimicrobial/ Medicinal Plant Properties	oshoa@run.edu.ng
4	Femi Ayoadé	BSc (UI); MSc (Saga, Japan); PhD (Kagoshima, Japan)	Reader	Biology	Entomology. Development of resistance in Biological systems	ayoade@run.edu.ng
5	Samson Arekete	BTech, MTechsc, PhD (FUTA)	Professor	Computer Science	Mobile Agent and Artificial Intelligence	areketes@run.edu.ng
6	S. Alayande	BSc, MSc, PhD	Reader	Statistics	Econometrics	alayandes@run.edu.ng
7	E. U. Durugbo	BSc (ASU, Uтуру); MSc, PhD (Unilag)	Reader	Plant Biology	Palynology/Medicinal plants/Ethnobotany	durugboe@run.edu.ng
8	A. Adewuyi	BSc, MSc, PhD	Reader	Biochemistry	Food Chemistry	adewuyia@run.edu.ng
9	A. Ogunlaja (Mrs)	BSc (AAU, Ekpoma); MSc Ph.D. (UI)	Reader	Microbiology	Environmental impact assessment, Bioremediation of polluted waters	ogunlajaa@run.edu.ng
10	D. Okewole (Mrs)	BSc, MSc, PhD	Senior Lecturer	Statistics	Statistical Modelling	okewoled@run.edu.ng
11	K. Akano	BSc. (LAUTECH), MSc, PhD (Ibadan)	Senior Lecturer	Biochemistry and Pharmacology	Antimicrobial Chemotherapy	akanok@run.edu.ng
12	C. A. Ugwu	DVM (Ibadan); MSc (Oxford), PhD (Cambridge)	Lecturer I	Vet Medicine and Immunology	Zoonotic Infection	ugwuc@run.edu.ng

2.2 Technical Staff

S/N	NAME	QULIFICATION	POSITION
1	S.O. Fayemi	Ph. D (Environmental Microbiology) M. Sc.(Microbiology) PGD (Food and Industrial Microbiology); HND (Microbiology)	Principal Laboratory Technologist
2	Adedeji Olusegun A.	PGD (Medical Microbiology); M. tech (Medical Microbiology) HND (Microbiology); PGD (Medical Microbiology); M. tech (Medical Microbiology)	Technologist I
3	F.A. Daramola	B.Sc. Ed. Science Education	Senior Laboratory Assistant

CHAPTER TWENTY

DEPARTMENT OF CHEMICAL SCIENCES

1.0 PHILOSOPHY

The programmes are based on the philosophy of raising capable and skilled Chemists thoroughly prepared to influence every area of life through excellent production and service delivery.

We are therefore in the mission of providing internationally reputable and high-quality academic programmes in chemistry to our students compared to those at the best universities worldwide. We aim at transforming the programmes and Department into a center of excellence for teaching and research.

We further intend to produce graduates with unbiased and systematic skills in making independent observation, accurate interpretation of facts in line with sound scientific principles and proper documentation of research findings in learned journals. This is with the view of generating and contributing to the body of knowledge.

2.0 HISTORY OF THE DEPARTMENT

The Department of Chemical Sciences was established in August 2005 as one of the pioneer Departments in Redeemer's University. The Department serves also as a service Department to other Departments in the University. The first set of students was admitted into the Department in September 2005.

The Department had her first NUC accreditation visit in November 2007 and was given a two-year accreditation under the leadership of the then Acting Head of Department (Dr. O. G. Adeyemi). The Department is currently enjoying full NUC accreditation status. Chemical Sciences offers postgraduate degrees (MSc) in Analytical and Environmental Chemistry and Material Chemistry as well as PhD degree Industrial Chemistry. The first set of student on Masters' degree were granted full scholarship and monthly stipend payment through the grant of The World Academy of Sciences (TWAS), the first of its kind from TWAS in Nigeria.

The Department is one of the trailblazers in the University with her well-qualified and internationally reputable crops of academic staff. Various members of staff in the Department have won many grants and awards among which are:

- TWAS Research Grant 2012-2013 Research Grant number: RGA 10-215 RG/CHE/AF/AC_1-UNESCO FR:3240245996.
- International Fellowship of Science Research Grant. Research Grant number: W/5401-1. Value of Grant - \$11,548.
- The Institute of Chemical Engineering (ICHEM), United Kingdom 2014. Value of Grant: \$10,000.
- TWAS Grant 2014 Research Grant Number: RGA 14-164 RG/CHE/AF/AC_G-UNESCO FR: 324028613. Value of Grant: \$65,000.
- Seeding Laboratory Access grant of \$250,000 worth of laboratory equipment.

The Department had experienced phenomenal growth since inception in vital areas of staffing, teaching and research activities. The members of staff of the Department are seasoned academics with broad national and international exposures. They are familiar with current trends in research and latest technology for teaching and research.

Furthermore, the laboratory is well stocked with major state-of-the-art equipment both for teaching and research among which are:

- Fourier Transformed Infrared Spectrometer (FTIR)
- UV-Visible Spectrophotometer
- Gas Chromatograph (GC-FID, TCD)
- Atomic Absorption Spectrophotometer (AAS)
- PCR equipment with electrophoresis units
- High Performance Liquid Chromatograph – Ultra Violet Detector (HPLC-UV)
- Liquid Chromatograph- Mass spectrometer (LC-MS)
- Ion Chromatograph
- Mass Spectrometer – Mass Spectrometer (MS-MS)

3.0 AREAS OF SPECIALIZATION

The following areas of specializations are currently available in the Department at MSc and PhD levels:

- Water analysis and treatment
- Environmental chemistry
- Nanomaterial chemistry
- Material chemistry
- Food chemistry
- Corrosion control
- Natural product chemistry
- Drug development
- Catalysis

A graduate of the programme could pursue career in any of the following areas either as an employee or as an entrepreneur (employer of labour)

- Petroleum & Petrochemical Industries
- Polymer and Polymer Product Industries
- Regulatory/Standard Organizations, like NAFDAC, SON etc.)
- Research and Academics
- Environmental Agency and Consultancy Services
- Solid Mineral Mining and application companies
- Energy and Nuclear Industries

4.0 TYPES OF PROGRAMMES AND OBJECTIVES

The programme offered are MSc, MPhil/PhD and PhD

The Department offer only full-time studies for MSc programme.

The programmes were designed to:

- i. Produce world-class Chemists

- ii. Provided a strong foundation and background in basic scientific concepts that are fundamental to the chemistry professions;
- iii. Understand the basic chemical processes;
- iv. Vast in scientific reasoning and research;
- v. Contribute to the scientific community and the world at large;
- vi. Provide a solid core of chemistry that builds on the fundamental principles of chemical processes
- vii. Attain dynamic and innovative curricula;
- viii. Encourage and establish close partnerships with the scientific community and industry
- ix. Foster interdisciplinary research among staff

5.0 GENERAL ADMISSION REQUIREMENTS

For candidates applying to MSc programme

- (1) All candidates must have five 'O' Level Credit Passes in English Language, Mathematics, Chemistry, Physics and Biology/Agric. Science
- (2) Candidates must have a Bachelors degree in relevant discipline from the Redeemer's University or any other University approved by the Redeemer's University senate with a minimum of second class lower division
- (3) Candidate from other Universities may be required to offer lower level courses relevant to their area of specialization
- (4) All candidates must demonstrate adequate intellectual capacity, good communication skill, maturity, ability to make effective independent decision and problem solving potentials

For candidates applying to MPhil/PhD and PhD programme

- (1) All candidates must have five 'O' Level Credit Passes in English Language, Mathematics, Chemistry, Physics and Biology/Agric. Science
- (2) Candidates must have a Bachelors (with a minimum of second class lower division) and MSc degree (with a minimum weighted average of 60% for direct study to PhD and 55.00 – 59.99% for MPhil/PhD) in relevant discipline and from Redeemer's University or any other University approved by the Redeemer's University senate
- (3) Candidate from other Universities may be required to offer lower level courses relevant to their area of specialization
- (4) All candidates must demonstrate adequate intellectual capacity, good communication skill, maturity, ability to make effective independent decision and problem solving potentials

6.0 GRADUATION REQUIREMENTS

Required Number of Units for Graduation

A minimum of thirty nine (39) units (34 compulsory units and at least 5 units of elective) must be taken and passed. All units passed must include all compulsory units of the programme.

Seminar presentation is a MUST for graduation.

OUTLINE OF MASTER OF SCIENCE IN ENVIRONMENTAL AND ANALYTICAL CHEMISTRY

First Semester

COURSE CODE	COURSE TITLE	NO OF UNITS	LH	PH	STATUS
CHE 823	Advanced Separation Methods	3	45	-	C
CHE 825	Quantitative Spectroscopic Methods	3	45	-	C
CHE 827	Electroanalytical Method	3	45	-	E
CHE 829	Water Analysis	2	30	-	E
CHE 831	Analysis of Miscellaneous Materials	2	30	-	C
CHE 841	Advanced Applied Spectroscopy	3	45	-	C
CHE 835	National and Global Chemical Environmental Issues	3	45	-	E
CHE 851	Surface Characterization Techniques	3	45	-	E
SCI 801	ICT and Research Methodology	2	30	-	C
STA 801	Statistical Methods for Sciences	3	45	-	C
	Total No of Units	24			

Compulsory = 16 Elective = 11 Total = 27

LH = Lecture Contact Hours; PH = Practical Contact Hours

Second Semester

COURSE CODE	COURSE TITLE	NO OF UNITS	LH	PH	STATUS
CHE 822	Classical Methods of Analysis	3	45	-	C
CHE 824	Analytical Chemistry Practical	2	-	90	C
CHE 826	Miscellaneous Advanced Techniques in Analytical Chemistry	3	45	-	E
CHE 828	Food and Drug Analysis	2	30	-	E
CHE 832	Sampling and Sampling Preparation	2	30	-	E
CHE 834	Environmental Geology	3	45	-	E
CHE 838	Environmental Assessment Techniques	3	45	-	C
SCI 802	Management and Entrepreneurship	2	30	-	C
	Total No of Units	25			

Compulsory = 10 Elective = 10 Total = 20

LH = Lecture Contact Hours; PH = Practical Contact Hours

Third Semester

COURSE CODE	COURSE TITLE	NO OF UNITS	LH	PH	STATUS
CHE 896	Seminar	2	30	-	C
CHE 898	Research Project	6	0	90	C

Compulsory = 8 Elective = 0 Total = 8

LH = Lecture Contact Hours; PH = Practical Contact Hours

Students are expected to register for the 34 compulsory units and at least 5 units of elective.

OUTLINE OF MASTER OF SCIENCE IN MATERIAL CHEMISTRY

First Semester

COURSE CODE	COURSE TITLE	NO OF UNITS	LH	PH	STATUS
CHE 841	Advanced Applied Spectroscopy	3	45	-	C
CHE 851	Surface Characterization Techniques	3	45	-	C
CHE 853	Chemistry of Materials	3	45	-	C
CHE 855	Recent Advances in Inorganic Chemistry	3	45	-	C
CHE 857	Advanced Surface Chemistry	3	45	-	E
CHE 859	Chemical Physics of Materials	3	45	-	E
SCI 801	ICT and Research Methodology	2	30	-	C
STA 801	Statistical Methods for Sciences	3	45	-	C
	Total No of Units	24			

Compulsory = 17 Elective = 06 Total = 23

LH = Lecture Contact Hours; PH = Practical Contact Hours

Second Semester

COURSE CODE	COURSE TITLE	NO OF UNITS	LH	PH	STATUS
CHE 850	Advanced Organometallic Chemistry and Applications	3	45	-	C
CHE 852	Advanced Catalysis	3	45	-	E
CHE 854	Advanced Electrochemistry and Applications	3	45	-	E
CHE 858	Recent Advances in Nanochemistry/Nanotechnology	3	45	-	E
CHE 860	Materials Chemistry Practical	2	-	90	C
CHE 862	Special Topics in Materials Chemistry	3	45	-	C
SCI 802	Management and Entrepreneurship	2	30	-	C
	Total No of Units	25			

Compulsory = 10 Elective = 9 Total = 19

LH = Lecture Contact Hours; PH = Practical Contact Hours

Third Semester

COURSE CODE	COURSE TITLE	NO OF UNITS	LH	PH	STATUS
CHE 896	Seminar	2	30	-	C
CHE 898	Research Project	6	0	90	C

Compulsory = 8 Elective = 0 Total = 8

LH = Lecture Contact Hours; PH = Practical Contact Hours

Students are expected to register for the 35 compulsory units and at least 5 units of elective.

7.0 COURSE TITLE AND DESCRIPTION

Course synopses

Course Code	Course Title	Units/Status
CHE 823	Advanced Separation Methods: Solvent Extraction, Thin Layer Chromatography, Ion-exchange chromatography, Ion Chromatography, Molecular Exclusion Chromatography, Paper Chromatography Gas chromatography, High Performance Liquid Chromatography. Super Critical Fluid Chromatography. Membrane Separation Techniques	3C
CHE 825	Quantitative Spectroscopic Methods: UV-Visible Absorption Spectrophotometry, Turbidimetry, Nephelometry, Fluorimetry; Atomic Absorption Spectroscopy (flame and non-flame). Atomic Emission Spectroscopy (flame, arc/spark and plasma techniques); Inductively Coupled Plasma (ICP) methods. ,	3C
CHE 827	Electroanalytical Methods: Potentiometry, Voltammetry, Coulometry Electrogravimetry, Conductometry, chronopotentiometry.	3E
CHE 829	Water Analysis: Water quality parameters for various (Industrial, Agricultural and Domestic) uses. Methods of analysis of water and wastewater for various quality parameters. Analysis of trace organics. Water pollution control and treatment.	2E
CHE 831	Analysis of Miscellaneous Materials: Analysis of air, soils, minerals, rock and other miscellaneous materials.	2C
CHE 833	Environmental Assessment Techniques: Introduction and Principles of Environmental Assessment including Environmental Impact Assessment (EIA) and Environmental Auditing. Environmental baseline studies Environmental modeling, GIS methods. Types of Environmental Impact Identification, Prediction, Evaluation, Impact mitigation, Environmental Monitoring. Environmental policy and regulations on Environmental Assessment Risk Assessment.	3E
CHE 835	National and Global Chemical Environmental Issues: Climate change and Global warming, Ozone layer depletion, trans-boundary movement of toxic wastes, biological diversity, oil and gas pollution, control of international trade in toxic chemicals/substances, chemical pollution in Nigeria	3E
CHE 841	Advance Applied Spectroscopy Basic instrumentation and techniques, application of UV, IR, NMR in chemical analysis and structural elucidation. Atomic Absorption Spectroscopy, Mass spectroscopy, Electron spin resonance, CP MAS NMR technique for solid state analysis	
CHE 851	Surface Characterization Techniques: Definition of surface, electronic structure of surfaces, types of surfaces. Physical and chemical properties of surfaces. Surface Characterization techniques: SEM, TEM, FTIR, XRD, XPS, XRF, DSC, DTG, MS, NMR, Cyclic voltammetry, Scanning Tunneling Microscopy (STM), C-13 NMR spectroscopy, application, spectra-structure correlations, 2-D NMR methods: COSY, INADEQUATE, NOE-spectroscopies.	3C

CHE 853	Chemistry of Materials: Types of materials (inorganic, organic, smart, organometallic, semi-conducting etc), properties and applications of a wide range of functional materials. supramolecular and architectural chemistry, catalyst-free chemistry. Biomaterials - space filling models, scaffolding materials. Electrode Materials - Transition metal oxides, carbon and graphite electrodes. Principles and applications of small magnetic molecules (SMM)	3C
CHE 855	Recent Advances in Inorganic Chemistry: Topics of current research interest in inorganic chemistry including, but not limited to s- and p-Block chemistry, d- and f-Block chemistry, group theory, coordination chemistry, bioinorganic chemistry, water chemistry, organometallic chemistry, inorganic polymers, soil chemistry, metallurgy, quantum chemistry, nanochemistry, inorganic synthesis, electronic spectroscopy, inorganic NMR, X-ray crystallography, atomic absorption spectroscopy, mass spectroscopy, electron spin resonance and material science. Recent advances in organometallics in organic synthesis.	3C
CHE 857	Advanced Surface Chemistry: Adsorption, Surface and interfacial tensions, Intermolecular and interparticle forces, Fundamental equations of surface science (Young-Laplace, Kelvin, Gibbs, Young), Contact angle, wetting-spreading Surfactants (basics, micelles) Emulsions, micro-emulsions and Foams Colloidal systems (basics and important properties) Electrical properties of colloids and stability of colloidal systems (Schulze-Hardy rule, critical coagulation concentration, DLVO theory), adsorption isotherms, kinetics of adsorption and desorption.	3E
CHE 859	Chemical Physics of Materials: The physics of chemical materials with particular emphasis given to electronic materials (conductors, semiconductors and superconductors), magnetic materials, meso- and microporous solids and polymers, the electronic Properties of Solids, magnetic Materials, microporous and mesoporous Materials and Organic Polymer Chemistry. The interactions, bonding, electron density, and experimental techniques of free molecules, applying spectroscopic methods to determine molecular parameters, dynamics, and chemical reactions. Computational methods.	3E
CHE 822	Classical Methods of Analysis: Reaction chemistry of selected elements. Aqueous and non-aqueous acid-base titrimetry, redox titrimetry, complexometric titrations, precipitation titrations. Gravimetry:- types, process, PFHS and contamination. Seminars on applications of classical techniques.	3C
CHE 824	Analytical Chemistry Practicals: Quantitative analysis, errors, sampling, sample, preparation, digestion, solvent extraction, ion exchange, matrix elimination/suppression, quality assurance, evaluating analytical data, gravimetric analysis, titrations, applications of atomic and molecular absorption spectroscopy, atomic emission, molecular fluorescence, applications of chromatographic separation techniques, gas chromatography, liquid chromatography, ion exchange adsorption, mass spectrometry (LC – MS), Fourier Transformed Infrared Spectroscopy, Ultra-violet	2C

	spectroscopic technique for analysis of samples.	
CHE 826	Miscellaneous Advanced Techniques in Analytical Chemistry: X-ray methods, Neutron activation and other Radiochemical techniques, Enzymatic and Kinetic methods, Thermal methods of analysis, Automated and Process analyzers,	3E
CHE 828	Food and Drug Analysis: Food composition. Methods of analysis of food for proximate composition, vitamins, minerals, additives, Food contaminants. Pesticide residues in foods. Food quality control. Analysis of major groups of commonly encountered Drugs. Foods and Drugs Regulatory Control.	2E
CHE 832	Sampling and Sample Preparation: Techniques and devices for sampling in diverse media, sample treatment and classes of analytes, safety precautions in sampling	2E
CHE 834	Environmental Geochemistry: Introduction to environmental geochemistry; basic chemical concepts, conservative mixing relations chemical equilibrium, organic chemistry review, water classical analyses, clays, microbial breakdown of organic compounds and oxidation of metals, waste water treatment, atmospheric chemistry, common pollutants, Agrochemicals.	3E
CHE 838	Environmental Assessment Techniques Introduction and principles of environmental assessment including environmental impact assessment (EIA) and environmental auditing. Environmental baseline studies, environmental modeling, GIS methods. Types of environmental impact identification, prediction, evaluation, impact mitigation, environmental monitoring, environmental policy and regulations on environmental assessment risk assessment.	
CHE 840	Applied Spectroscopy: Basic instrumentation and techniques, Applications of UV, IR, NMR and MS in chemical analysis and structural elucidation.	3C
CHE 850	Organometallic Chemistry: Advanced synthesis and reaction of main group organometallic compounds, organometallic compounds in living organisms, Synthesis and reactions of transition metal organometallics, solid state organometallic synthesis, organometallic reaction mechanism, metallocenes and their applications, catalysis by transition metal organometallics, their uses and industrial synthesis.	3C
CHE 852	Catalysis: General principles, types of catalysis, preparation of catalyst precursors, testing of catalytic properties, characterization of active site properties. General mechanisms in Catalysis. General applications of catalyst	3E
CHE 854	New Methods in Electrochemistry: Basic circuits in electrochemical measurements, the determination of kinetic parameters by the galvanostatic and potentiostatic methods, rotating disc electrode technique, cyclic voltametric method and its application, fuel cells, continuous electrodeionization (CEDI) technique, the alternative current method, applications.	3E
CHE 858	Recent Advances in Nanochemistry/Nanotechnology: Physics of solid state, methods of measuring properties, preparation of	3E

	nanomaterials (microporous and mesoporous materials) via soft building blocks, nanotubes, nanorod and nanowire self assembly, layer-by-layer self assembly and the applications of nanomaterials. Fabrication and applications of quantum dots, carbon nanotubes, polymeric, and biological nanoparticles	
CHE 860	Materials Chemistry Practical: Synthesis, characterization and application of some selected mesoporous materials, Carbon Nanotubes, Smart materials and adsorbents.	2C
CHE 862	Special Topics in Material Chemistry Chemistry of ceramics materials, materials for energy conversion and storage, physical chemistry of organic and inorganic materials, corrosion engineering, etc	

7.0 STAFF LISTING

7.1 Academic Staff

Name of Staff	Rank	Email Address	Qualifications	Research Interest
Omorogie, M. O.	Senior Lecturer & Ag. Head of Department	omorogiem@run.edu.ng	BSc, MSc, PhD Industrial and Physical Chemistry	Materials chemistry; Adsorption; Catalysis, photocatalysis with their applications in solving environmental issues.
Adeyemi, O. G.	Professor	adeyemio@run.edu.ng	BSc., MSc., PhD Organometallic and Analytical Chemistry	Synthesis, characterization and application of some new Organometallic compounds; mesoporous materials; new ligands for the creation of functional molecular materials.
Unuabonah, E. I.	Professor	unuabonahe@run.edu.ng	BSc., MSc., PhD Industrial Chemistry	Materials chemistry; Adsorption; Catalysis, photocatalysis with their applications in solving environmental issues.
Adewuyi, A.	Reader	adewuyia@run.edu.ng	BSc, MSc, PhD Industrial Chemistry	Industrial applications of underutilized seed oils, Biosurfactants; Biofuel, Corrosion and Adsorption studies.
Oyetunde, T. T.	Senior Lecturer	oyetundetemi@run.edu.ng	BSc, MSc, PhD Inorganic and Material Chemistry	Materials chemistry: the use of metal complexes as precursors for nanomaterials.
Ajibade, S.O.	Lecturer II	ajibades@run.edu.ng	BSc, MSc, PhD Analytical-Organic Chemistry	Organic synthesis, Natural Product, and Environmental analytical Chemistry
Akande, A. A.	Lecturer II		BSc, MSc, PhD Organic Chemistry	Polyaromatic hydrocarbons, natural and synthetic Chemistry
Bayode, A. A.	Lecturer II	bayodea@run.edu.ng	BSc, MSc, PhD	Materials chemistry;

			Industrial and Analytical Chemistry	Adsorption; Catalysis, photocatalysis with their applications in solving environmental issues.
Alfred, M. O.	Lecturer II	alfredm@run.edu.ng	BSc, MSc, PhD Industrial and Analytical Chemistry	Materials chemistry; Adsorption; Catalysis, photocatalysis with their applications in solving environmental issues.

7.2 Technical Staff

NAME	Rank	Email Address	Qualifications
Akanbi, M.B.	Assistant Chief Technologist	akanbim@run.edu.ng	Fin. Dip, Chem/Biochem, HND, B.Sc
Adebayo, T. A.	Senior Technologist	adebayott@run.edu.ng	OND, HND, B.Sc.
Buoro, I.	Laboratory Supervisor	buoroi@run.edu.ng	GCE/WAEC
Ekeade, B. E.	Laboratory Assistant	ekeadeb@run.edu.ng	OND

CHAPTER TWENTY-ONE

DEPARTMENT OF COMPUTER SCIENCE

1.0 PHILOSOPHY OF THE PROGRAMME

The Post Graduate programmes in Computer Science are designed to continuously impact the society through commitment to excellence in education, research, creativity, innovation, entrepreneurship and raising global leaders as change agents imbued with God-fearing attributes. The programmes are carefully designed to promote advanced theoretical and practical understanding of the basic courses in computer science and how they can be used to solved real problems in our technologically fast-growing world.

2.0 HISTORY OF THE DEPARTMENT

The Department of Computer Science is one of the departments in the College of Natural Sciences of the Redeemer's University. The University has a vision of training new generation of graduates and leaders whose degrees are awarded on the pedigree of LIFE: Loyalty, Integrity, Faithfulness and Excellence. The University is absolutely committed to excellence, integrity, fairness, free exchange of ideas and zero tolerance to indolence and corruption.

3.0 AREA(S) OF SPECIALISATION

Candidate can specialize in the following areas of interest in Computer Science:

- a) Artificial Intelligence
 - i. Machine Learning
 - ii. Data Mining
 - iii. Data Sciences
 - iv. Data Communication
 - v. Database Systems
 - vi. Information and Knowledge Management Systems
 - vii. Mobile Agent Systems
 - viii. Modelling and Network Management
 - ix. Software Engineering
 - x. Computer Networks
 - xi. Computer and Network Security

4.0 TYPES OF PROGRAMMES AND OBJECTIVES

The following post graduate programmes are available in the Department of Computer Science with their corresponding duration stated and please.

4.1 Postgraduate Diploma

The vision of the PGDCS is to provide opportunities for persons who were not initially trained in Computer Science but has a degree in related course to be able to make a career switch to the field of Computer Science. On the other hand, it will also provide opportunity for graduates of Computer Science who made low class of degree to remedy their deficiencies in order to be able to advance to higher academic degrees. The graduates of this programme should be able to cultivate and maintain highest standards of professional practice in Computing.

The programme is geared towards producing graduates with entrepreneurial mind-set who could be employers of labour if they choose to set up their own businesses and have cognate skills to secure gainful employment in a government agency or corporate organisation.

The programme lasts for two semesters if the applicant wants to study on full time basis and four semesters if the applicant wants to study on part-time basis. Part-time studies are available only at weekends. PGDCS Professional option would be available only on part-time basis.

4.2 Masters in Computer Science

The Redeemer's University was established in 2005 and has graduated several sets of graduates in Computer Science. Some of these graduates and several others from other institutions are interested in pursuing a Master degree programme in Computer Science in the Redeemer's University. It is therefore pertinent to have a Master's degree programme in Computer Science to cater for these students who may come from within and outside the country.

The Master's degree programme in Computer Science is designed to provide advanced knowledge and hands-on experience in computer science to students who are interested in gaining expertise in Computer Science and its applications. Through the learning process, the students will not only acquire knowledge in modern computer technologies but also cultivate research abilities in software design, development, deployment, integration and applications.

- i. A full time MSc degree programme shall run for a minimum of 3 semesters and a maximum of 6 semesters.
- ii. Part-time MSc degree programme shall run for a minimum of 4 semesters and a maximum of 8 semesters.
- iii. For extension beyond the specified maximum period, a special permission of Board of College of Postgraduate Studies shall be required.

4.3 MPhil in Computer Science

MPhil in Computer science is designed for candidates whose cumulative average at the end of the Masters programme is between 50.0 and 54.9.

- i. A full time MPhil degree programme shall run for a minimum of 3 semesters and a maximum of 6 semesters.
- ii. Part-time MPhil degree programme shall run for a minimum of 4 semesters and a maximum of 8 semesters.
- iii. For extension beyond the specified maximum period, a special permission of Board of College of Postgraduate Studies shall be required.

4.4 MPhil/ PhD in Computer Science

The MPhil/PhD in Computer Science Programme is designed to take students whose cumulative average is between 55.0 and 59.9 at the end of the Master's degree programme to the frontier of knowledge in one of a number of major areas of Computer Science. The Programme combines theory and practice in complementary, yet flexible, manner. The program has been designed to prepare students for careers in research (at universities, government, industrial research laboratories, etc.), teaching (at colleges or universities), or advanced development (at hardware and software companies). This is hoped to forestall the endemic shortage of MPhil/PhD holders in Computer Science in Nigeria. In all Universities and Polytechnics offering computing courses in general, there are very few professors. It is for these reasons that most Departments of Computer Science across the country are manned by very few academics in

some cases and low-level academics in other cases. The need to arrest the situation and rescue the profession, academics in Computer Science and the nation is imperative.

MPhil to PhD Conversion Requirements

- i. A candidate must have registered for not less than one and not more than two academic sessions.
- ii. Candidates must have possessed MSc degree and present two research seminars of 3 units each in the candidates' area of specialization.
- iii. Candidate must pass all the required/compulsory courses, the average score of which shall not be less than 60%.
- iv. Candidates with 60% or more average shall proceed to the PhD programme, otherwise would complete research work for M.Phil. degree.

The above conditions are subject to change from time to time as the relevant University authorities deem necessary

4.5 Doctor of Philosophy (PhD)

The rationale behind mounting this programme is to forestall the endemic shortage of PhD holders in Computer Science in Nigeria. In all Universities and Polytechnics offering computing courses in general, there are very few professors. It is for these reasons that most Departments of Computer Science across the country are manned by very few academics in some cases and low-level academics in other cases. The need to arrest the situation to rescue the profession, academics in Computer Science and the nation.

The main objective of the programme is to produce high level manpower for the academia and research institutes. The programme will produce competent high-level manpower including academics in Computer Science who can cope with the demands of the advances and developments in information and communication technology and who would be relevant in the fast-growing computer technology.

A full time PhD degree programme shall run for a minimum of 6 semesters and a maximum of 10 semesters.

5.0 ADMISSION REQUIREMENTS

The specific admission requirements for each programme is are stated as follow:

5.1 Postgraduate Diploma

Postgraduate Diploma in Computer Science is offered in two flavours – the Academic and Professional Options. Those who choose academic option can advance to M.SC in Computer Science provided they make up to 3.5/5.0 CGPA.

To qualify for admission to PGDCS (**Academic option**), applicants must have possessed the following:

- A University degree in any field of Science, Engineering and Technology with at least Second Class Lower Division.
- A University degree in Computer Science with a Third Class may be considered for admission.
- An HND with Upper Credit in any field of Science, Engineering and Technology.

To qualify for admission to PGDCS (**Professional option**), applicants must have possessed the following:

- A University degree in any field of Management Science and the Arts with at least Second class Lower Division.
- Any qualification for the Academic option.

In addition to this, applicants must have possessed five credit passes at the SSCE (or its equivalent) including English, Mathematics and any other subjects that are relevant to their area of initial degrees.

5.2 Masters Degree

- Candidates must possess a Bachelor's degree in Computer Science from Redeemer's University or from any other Senate approved University and must obtain a minimum of second-class lower division.
- Candidates with at least a second-class lower University degree in any other Computer-related discipline with a University PGD in Computer Science (CGPA of 3.5/5.0) may be considered for admission into the MSc degree programme.
- Candidates with HND (Upper Credit) with a University PGD in Computer Science or Computer-related Courses (CGPA of 3.5/5.0) may be considered for admission into the MSc degree programme.
- In addition, candidates must also possess five (5) 'O' Level Credits including English Language and Mathematics.

5.3 MPhil

MPhil in Computer science is designed for candidates whose cumulative average at the end of the Masters programme is between 50.0 and 54.9.

- Candidates must possess a Master's degree with at cumulative average grade between 50.0 and 54.9 in Computer Science from Redeemer's University or from any other Senate approved University and must obtain a minimum of second-class lower division.
- In addition, candidates must also possess five (5) 'O' Level Credits including English Language and Mathematics.

5.4 MPhil/PhD

- MSc degree or equivalent degree in Computer Science of this or any other approved university with cumulative average between 55.0 and 59.9
- Candidates may be required to satisfy the Department in a selection process.

MPhil to PhD Conversion Requirements

- A candidate must have registered for not less than one and not more than two academic sessions.
- Candidates that possess MSc degree need only present two research seminars of 3 units each in the candidates' area of specialization.
- Candidate must pass all the required/compulsory courses, the average score of which shall not be less than 60%.
- Candidates with 60% or more average shall proceed to the PhD programme, otherwise would complete research work for M.Phil. degree.

The above conditions are subject to change from time to time as the relevant University authorities deem necessary.

5.5 Doctor of Philosophy (PhD)

To be admitted into this programme, a candidate must possess any of the following:

- i. MSc in Computer Science (or in any Computing or related discipline) with a CGPA of not less than 3.5 or 60% average from Redeemer's University or any other Universities recognized by the Senate of RUN.
- ii. MPhil Degree in Computer Science (or in any Computing or related discipline) with a CGPA of not less than 3.5 or 60% average from Redeemer's University or any other Universities recognized by the Senate of RUN.
- iii. PhD candidate wishing to transfer from other Universities, subject to the departmental admission board must spend a minimum of two sessions to be eligible for the award of PhD degree.

6.0 GRADUATION REQUIREMENTS

The summary of the course requirements, including research projects, seminars, number of credit units required, etc. is specified here.

6.1 Postgraduate Diploma

To qualify for the award of Postgraduate Diploma in Computer Science, a candidate must have passed a minimum of 40 units, made up as follows:

- i. 32 credit units in core courses
- ii. 4 credit units in elective courses
- iii. 4 compulsory credit units of Research Projects.

6.2 Masters Degree

To be awarded a Master's degree in Computer Science, a candidate must pass a minimum of 32 credit units made up as follows:

- i. Core courses of 26 credit units, including the general courses, project and seminars.
- ii. Elective courses of 6 credit units.
- iii. A student shall present a dissertation proposal and at least one seminar.
- iv. A student for a MSc degree shall carry out research in a relevant area of specialization and submit an acceptable dissertation (six credit units compulsory), which must be defended before a panel of external and internal examiners.

6.3 MPhil

To be awarded a Master's of Philosophy degree in Computer Science, a candidate must pass a minimum of 36 credit units made up as follows:

- i. Core courses of 26 credit units, including the general courses, project and seminars. Elective courses of 6 credit units.
- ii. A student shall present a dissertation proposal and at least one seminar.
- iii. An MPhil student shall carry out research in a relevant area of specialization and submit an acceptable dissertation (six credit units compulsory), which must be defended before a panel of external and internal examiners.

6.4 MPhil/PhD

A candidate must have registered for not less than one and not more than two academic sessions.

- i. Candidates that possess MSc degree need only present two research seminars of 3 units each in the candidates' area of specialization.

- ii. Candidate must pass all the required/compulsory courses, the average score of which shall not be less than 60%.
- iii. Candidates with 60% or more average shall proceed to the PhD programme, otherwise would complete research work for MPhil Degree.

The above conditions are subject to change from time to time as the relevant University authorities deem necessary.

6.5 Doctor of Philosophy (PhD)

To qualify for the award of PhD a candidate must fulfil the following conditions:

- a. In addition to satisfying other University regulations,
 - i. All compulsory general courses as listed by the College of Postgraduate Studies of the University must be offered and passed. Candidates may be required to take courses to remedy deficiencies.
 - ii. All PhD degree students are required to carry out a significant research on a specialized area of Computer Science and present three seminars (900 Level Courses) before graduation.
 - iii. A thesis describing the original work carried out while studying for the degree and written in the format specified by the College of Postgraduate Studies must be submitted for oral examination.
 - iv. A student shall, upon the approval of examination board by the University Senate; sit for VIVA (oral examination) in the presence of an External Examiner and must pass the examination satisfactorily before he/she is pronounced a Doctor of Philosophy.

7.0 COURSE REQUIREMENTS / STRUCTURE

The course structure for each programme, semester by semester, including all compulsory and elective courses, stating the number of credit units required for a particular area of specialization, etc is specified in the subsections

7.1 Postgraduate Diploma

The programme lasts for two semesters if the applicant wants to study on full time basis and four semesters if the applicant wants to study on part-time basis. Part-time studies are available only at weekends. PGDCS Professional option would be available only on part-time basis.

To qualify for the award of Postgraduate Diploma in Computer Science, a candidate must have passed a minimum of 40 units, made up as follows:

- 32 credit units in core courses
- 4 credit units in elective courses
- 4 compulsory credit units of Research Projects.
- The Postgraduate Diploma is determined based on the Cumulative Grade

Course Structure

First Semester (Full time)

Course Code	Course Title	Status	U	L	T	P
CSC 701	Introduction to Computer Concepts	C	3	2	-	3
CSC 703	Operating Systems	C	3	3	-	-
CSC 705	Database Management Systems	C	3	2	-	3
CSC 707	Software Engineering	C	3	3	-	-
CSC 709	Programming Languages	C	3	2	-	3
CSC 711	Data Structures and Algorithms	C	3	2	-	3
CSC 713	Professional Communication	E	2	2	-	-
CSC 715	Mobile Computing	E	2	2	-	-

Compulsory Courses - 18 units

Available Elective Courses - 4 units

Total Units Available - 22 units

Second Semester (Full TIME)

Course Code	Course Title	Status	U	L	T	P
CSC 700	Research Project	C	4	-	-	12
CSC 702	Object-Oriented Programming	C	3	2	-	3
CSC 704	Computer Architecture	C	3	3	-	-
CSC 706	Web Application Development	C	3	2	-	3
CSC 708	Data Communication and Networking	C	3	2	-	3
CSC 710	Digital Logic Design	C	3	1	-	3
CSC 712	Software Studio	E	2	1	-	3
CSC 714	Foundation Concepts in Information	E	2	2	-	-

Compulsory Courses - 19 units

Available Elective Courses - 4 units

Total Units Available - 23 units

First Semester (Part time)

Course Code	Course Title	Status	U	L	T	P
CSC 701	Introduction to Computer Concepts	C	3	2	-	3
CSC 703	Operating Systems	C	3	3	-	-
CSC 705	Database Management Systems	C	3	2	-	3
CSC 713	Professional Communication	E	2	2	-	-
CSC 715	Mobile Computing	E	2	2	-	-

Compulsory Courses - 9 units

Available Elective Courses - 4 units

Total Units Available - 13 units

Second Semester (Full Time)

Course Code	Course Title	Status	U	L	T	P
CSC 702	Object-Oriented Programming	C	3	2	-	3
CSC 704	Computer Architecture	C	3	3	-	-
CSC 706	Web Application Development	C	3	2	-	3
CSC 710	Digital Logic Design	C	3	1	-	3
CSC 714	Foundation Concepts in Information	E	2	2	-	-

Compulsory Courses - 12 units

Available Elective Courses - 2 units

Total Units Available - 14 units

Third Semester (Part Time)

Course Code	Course Title	Status	U	L	T	P
CSC 707	Software Engineering	C	3	3	-	-
CSC 709	Programming Languages	C	3	2	-	3
CSC 711	Data Structures and Algorithms	C	3	2	-	3
CSC 713	Professional Communication	E	2	2	-	-
CSC 715	Mobile Computing	E	2	2	-	-

Compulsory Courses - 9 units

Available Elective Courses - 4 units

Total Units Available - 13 units

Fourth Semester (Part Time)

Course Code	Course Title	Status	U	L	T	P
CSC 700	Research Project	C	4	-	-	12
CSC 708	Data Communication and Networking	C	3	2	-	3
CSC 710	Digital Logic Design	C	3	1	-	3
CSC 712	Software Studio	E	2	1	-	3

Compulsory Courses - 10 units

Available Elective Courses - 2 units

Total Units Available - 12 units

7.2 MASTERS DEGREE

To be awarded a Masters degree in Computer Science, a candidate must pass a minimum of 32 credit units made up as follows:

- (i) Core courses of 26 credit units, including the general courses, project and seminars
- (ii) Elective courses of 6 credit units.
- (iii) A student shall present a dissertation proposal and at least one seminar.
- (iv) A student for an MSc degree shall carry out research in a relevant area of specialization and submit an acceptable dissertation (six credit units compulsory), which must be defended before a panel of external and internal examiners.

Course Structure

First Semester

Course Code	Course Description	Status	U	L	T	P
SCI 801	ICT and Research Methodology	C	2	2	-	-
STA 801	Statistical Methods for Sciences	C	2	1	-	3
CSC 801	Advanced Operating Systems	C	2	2	-	-
CSC 803	Advanced Computer Algorithms	C	2	2	-	-
CSC 805	Computer Communications and Networks	C	2	1	-	3
CSC 807	Human Computer Interaction	C	2	2	-	-
CSC 821	Theory of Computation	E	2	2	-	-
CSC 823	Advanced Computer Graphics	E	2	1	-	3
CSC 825	Advanced Artificial Intelligence	E	2	1	-	3
CSC 827	Advanced Operations Research	E	2	2	-	-
CSC 829	Advanced Topics in Computer Science	E	2	2	-	-

Compulsory Courses - 12

Available Electives - 10

Total Units Available - 22

Second Semester

Course Code	Course Description	Status	U	L	T	P
SCI 802	Management and Entrepreneurship	C	2	2	-	-
CSC 802	Advanced Computer Architecture	C	2	2	-	-
CSC 804	Advanced Software Engineering	C	2	2	-	-
CSC 806	Advanced Programming Languages	C	2	1	-	3
CSC 810	Advanced Database Systems	C	2	1	-	3
CSC 822	Advanced Object-Oriented Programming	E	2	1	-	3
CSC 824	Advanced Expert Systems	E	2	1	-	3
CSC 826	Compiler Design and Construction	E	2	2	-	-
CSC 828	Internet Technology	E	2	2	-	-

Compulsory Courses - 10

Available Electives - 08

Total Units Available - 18

THIRD SEMESTER

CSC 899	Research Dissertation	C	6	-	-	18
CSC 897	Seminar	E	2	-	-	6

Compulsory Courses - 8

Available Electives - 0

7.3 MPhil

To be awarded a MPhil degree in Computer Science, a candidate must pass a minimum of 32 credit units made up as follows:

- Core courses of 26 credit units, including the general courses, project and seminars
- Elective courses of 6 credit units.
- A student shall present a dissertation proposal and at least one seminar.

- A student for a MPhil degree shall carry out research in a relevant area of specialization and submit an acceptable dissertation (six credit units compulsory), which must be defended before a panel of external and internal examiners.

Course Structure

First Semester

Course Code	Course Description	Status	U	L	T	P
SCI 801	ICT and Research Methodology	C	2	2	-	-
STA 801	Statistical Methods for Sciences	C	2	1	-	3
CSC 801	Advanced Operating Systems	C	2	2	-	-
CSC 803	Advanced Computer Algorithms	C	2	2	-	-
CSC 805	Computer Communications and Networks	C	2	1	-	3
CSC 807	Human Computer Interaction	C	2	2	-	-
CSC 821	Theory of Computation	E	2	2	-	-
CSC 823	Advanced Computer Graphics	E	2	1	-	3
CSC 825	Advanced Artificial Intelligence	E	2	1	-	3
CSC 827	Advanced Operations Research	E	2	2	-	-
CSC 829	Advanced Topics in Computer Science	E	2	2	-	-

Compulsory Courses - 12
 Available Electives - 10
 Total Units Available - 22

Second Semester

Course Code	Course Description	Status	U	L	T	P
SCI 802	Management and Entrepreneurship	C	2	2	-	-
CSC 802	Advanced Computer Architecture	C	2	2	-	-
CSC 804	Advanced Software Engineering	C	2	2	-	-
CSC 806	Advanced Programming Languages	C	2	1	-	3
CSC 810	Advanced Database Systems	C	2	1	-	3
CSC 822	Advanced Object-Oriented Programming	E	2	1	-	3
CSC 824	Advanced Expert Systems	E	2	1	-	3
CSC 826	Compiler Design and Construction	E	2	2	-	-
CSC 828	Internet Technology	E	2	2	-	-

Compulsory Courses - 10
 Available Electives - 08
 Total Units Available - 18

Third Semester

CSC 899	Research Dissertation	C	6	-	-	18
CSC 897	Seminar	E	2	-	-	6

Compulsory Courses - 8
 Available Electives - 0

7.3 MPhil/PhD

At the end of every semester, candidates are expected to sit for all courses for which they are registered.

Candidates must have attained a minimum of 70 percent attendance at course lectures to qualify to sit for examination in that course.

Available Courses

First Semester

Course Code	Course Description	Status	U	L	P
SCI 801	ICT and Research Methodology	C	2	2	-
STA 801	Statistics for Sciences	C	2	2	
CSC 801	Advanced Operating Systems	C	2	2	-
CSC 803	Advanced Computer Algorithms	C	2	2	-
CSC 805	Computer Communications and Networks	C	2	1	3
CSC 807	Human Computer Interaction	C	2	2	-
CSC 891	MPhil Research Seminar I	C	3	-	-
CSC 821	Theory of Computation	E	2	2	-
CSC 823	Advanced Computer Graphics	E	2	1	3
CSC 825	Advanced Artificial Intelligence	E	2	1	3
CSC 827	Advanced Operations Research	E	2	2	-
CSC 829	Advanced Topics in Computer Science	E	2	2	-

Compulsory Courses - 15 units

Available Electives - 10 units

Total Units Available - 25 units

Second Semester

Course Code	Course Description	Status	U	L	P
SCI 802	Management and Entrepreneurship	C	2	2	-
CSC 802	Advanced Computer Architecture	C	2	2	-
CSC 804	Advanced Software Engineering	C	2	2	-
CSC 806	Advanced Programming Languages	C	3	2	3
CSC 810	Advanced Database Systems	C	2	1	3
CSC 892	MPhil Research Seminar II	C	3	-	-
CSC 822	Advanced Object-Oriented Programming	E	2	1	3
CSC 824	Advanced Expert Systems	E	2	1	3
CSC 826	Compiler Design and Construction	E	2	2	-
CSC 828	Internet Technology	E	2	2	-

Compulsory Courses - 14 units

Available Electives - 8 units

Total Units Available - 22 units

7.5 PhD

To qualify for the award of PhD a candidate must fulfil the following conditions:

- (a) In addition to satisfying other University regulations,
 - i. A candidate must offer 6 units of courses, which should include:
 - ❖ Research Methodology in Computer Science (3 units) and
 - ❖ Seminar on Current and Advanced Topics in Computer Science (3 units)

- ii. All PhD students must take Management and Entrepreneurship, and ICT and Research Methodology as general compulsory courses. However, any student who has taken them at a particular postgraduate level is exempted.
- iii. A minimum weighted score of sixty percent (60%) must be obtained.
- iv. All PhD degree students are required to carry out significant research on a specialized area of Computer Science and present three seminars (900 level courses) before graduation.
- v. A thesis describing the original work carried out while studying for the degree and written in the format specified by the College of Postgraduate Studies must be submitted for oral examination.
- vi. A student shall, upon the approval of **examination board** by the University Senate; sit for VIVA (oral examination) in the presence of an External Examiner and must pass the examination satisfactorily before he/she is pronounced a Doctor of Philosophy.

The above conditions are subject to change from time to time as the relevant University authorities deem necessary.

8.0 COURSE DESCRIPTION

All courses available for each programme, their codes, units and status (compulsory or elective) are listed in this section.

8.1 POSTGRADUATE DIPLOMA

The following courses (with their description) are available for Postgraduate Diploma in Computer Science.

CSC 700 Research Project (4 units, Compulsory)

Individual research project based on an agreed area of interest must be supervised by a member of staff. The report will be submitted to the Computer Science Department and presented in a seminar.

CSC 701 Introduction to Computer Concepts (3 Units, Compulsory)

Definition, Characteristics, History and Types of Computer; Computer Organization - Bus, Processor, and PC Platform; The Processor Characteristics (Word Size, Processor Speed, RAM Capacity); Basics of Digital Computers - Number System, Basics of Logic Gates, Basics of Boolean Algebra, Data Processing, Storage, and I/O Devices; Data Processing Techniques, Data Storage (Bit, Byte, RAM, ROM, Cache Memory, and Secondary Storage); Input Devices - Keyboard and its types, Pointing and drawing devices, Scanner, Digital Camera, and Speech Recognition System and Multimedia; Output Devices - Monitor (Graphic Adapter, Size, Resolution, and types of Monitors), Printers and types (Dot Matrix, Ink Jet, And Laser), Plotters (Raster & Pen), Presentation Graphics, and Special Function Terminal (ATMs, POSS); Software - Types of Software, Introduction to Windows, Understanding Windows Help, The Desktop, Types of Windows (Application, Document, and Dialog), Elements of an Application Windows, Understanding Folders, Copying, Deleting, And Moving Files; Programming Concepts - Programming Languages, Main Components of Program, Simple Program Construction, Program exercises in any high level language; Word Processing (Ms Word) - Basic Concepts, Features, Creating, Saving, Editing, Formatting, Printing Documents, Working on Multiple Documents,

Electronic Spreadsheet (Ms Excel) - Basic concepts and features, Creating, Saving Excel Sheet, Editing The Sheet, Managing Formula, Formatting and Printing The Sheet, Working on Workbook; Basics of Internet Usage - Introduction, World Wide Web and Web Sites, Introduction to Internet Based Services, and use of Email.

CSC 702 Object-Oriented Programming (3 Units, Compulsory)

Basic OOP Concepts: Classes, Objects, Inheritance, Polymorphism, Data Abstraction; Tools for developing, compiling, interpreting and debugging. Object-Oriented Program Syntax, data objects and operators. Control flow constructs, objects and classes, arrays, methods and exceptions. Applets and the Abstract Window Toolkit (AWT), Object Linking and Embedding (OLE), Laboratory exercise in the C++ and Java Programming languages.

CSC 703 Operating Systems (3 Units, Compulsory)

Introduction – What is an Operating System, History of Operating System, Operating System Concepts, Operating System Structure; Process – Introduction to Processes, Inter-Process Communication, Classic IPC Problems, Process Scheduling; Memory Management – Memory Management without Swapping or Paging, Swapping, Virtual Memory, Page Replacement Algorithms; File Systems - Files, Directories, File System Implementation, Security, Protection Mechanisms; Input/Output – Principles of I/O Hardware, Principles of I/O Software, Disks, Clocks, Terminals; Deadlock – Resources, Deadlocks, Deadlock Detection, Deadlock Recovery, Deadlock Avoidance, Deadlock Prevention, and other Issues; An overview of major Operating Systems – O/S2, UNIX, NT, Os/400, Windows; Distributed Operating Systems - Network Operating System, Distributed Operating System; Case Studies - UNIX, NT, Windows.

CSC 704 Computer Architecture (3 Units, Compulsory)

This course is concerned with the structure and behavior of the various functional modules of the computer; and how they interact to provide the processing needs of the user. In particular this course covers computer systems ranging from PCs through multiprocessors with respect to hardware design and instruction set architecture. This includes units and related technologies such as primary and secondary memory, caches, central processing unit (CPU) and pipelines. A menu of "possibilities" will be presented, analyzed, and evaluated based on the technology available today. In no event should it be assumed that the architecture that looks strongest today will be the best in the new millennium. The approach will be that it is methodology, not conclusions that must be emphasized. For while methodology is relatively timeless, conclusions are not.

CSC 705 Database Management Systems (3 Units, compulsory)

Database Foundation - Introduction, Data and Information, Components, Advantages, Data Association, Entities, Keys and its types, Attributes, Data Associations, Data Structure Diagram; E-R Model and Data Models – Basic Constructs (Symbols), Degree of Relationships, Cardinality, Grund, Modeling Time Dependent Data, Super Types, Subtypes, Hierarchical, Network, Relational, Comparison of all Data Models, Relation, Characteristics of Relation, Converting E-R Model into Relation; Normalization (1NF, 2NF, 3NF); Data Base Design – (Conceptual Design, Physical Design); SQL – Introduction, Creating, Altering & Deleting Table, Inserting, Updating, & Deleting Rows, Querying the Tables, SQL Functions – Arithmetic, Group (Avg, Count, Max, Min, Sum), Date, Special Functions (In, Between, Like, Null), Managing Multiple Tables; Introduction

to Forms – Form Components, Form Module, Blocks, Items, Objects, Object Navigator, Properties Window, Layout Editor, Basic Form Design – Using Wizard for Form Design, Customizing a Form, Defining Items – Buttons, Check Boxes, Display Items, List Items, Radio Groups, Text Items; Creating LOV, Creating Master Detail Form; Introduction to Report – Report Design Considerations, Report Objects, Basic Report Design; Case Study; Data Base Case Study (Mini Project).

CSC 706 Web Application Development (3 Units, Compulsory)

Introduction to the World Wide Web (WWW). HTML – document structure images, links, maps, tables, frames forms, Protocols & Server technology – HTTP, TCP/IP, MIME, URLs. CGI, JavaScript syntax, DOM, forms processing, common tasks, style sheets-fundamentals, CSS formatting, CSS positioning, Web design and usability, Introduction to XML – syntax, DTDs, XSL, XHTML, Multimedia, audio, video, animation. Multimedia server and protocol technology, web development tools – Editors and site management tools. Laboratory exercises using ASP or Macromedia studio MX.

CSC 707 Software Engineering, (3 Units, Compulsory)

Introduction – Characteristics of Software, Need for Software, Introduction to Software Engineering, Introduction to Software, Role of Software; Software Engineering Models – Software Process, Software Process Models (Linear Sequential Model, Prototyping Model, RAD Model, Evolutionary Software Process Models); Project Management – System, Types of System, Elements of System, Project Management Concept, Software Management Team, Common Software Management Problems, Basic Management Techniques; Analysis Concepts and Principles - Requirements Analysis, Communication Techniques, Analysis Principles, Software Prototyping, Specification, Specification Review; Analysis Modeling – Introduction to Analysis Modeling, Data Modeling, Functional Modeling and Information Flow (DFD), Behavioral Modeling STD, Entity Relationship Diagram (ERD), Data Flow Model and Control Flow Model (Structured), Control Specification and Process Specification, The Data Dictionary; Design Concepts and Principles – Design Concepts, Design Process, Design Principles for Effective Modularity, Introduction to Design Model; Effective Modular Design – Design Methods, Data Design , Architectural Design, Analyzing Alternative Architectural designs, Mapping Requirements into a Software Architecture, Refining the Architectural Design; Software Testing Methods – Software Testing Fundamentals, Testing objectives, Testing principles, Test Case Design, White-Box Testing, Basis Path Testing, Control Structure Testing, Black-Box Testing; Case Study (Small Project).

CSC 708 Data Communication and Networking (3 Units, Elective)

Communication Model, Communication Tasks, Types of signal and data, bandwidth and Channel Capacity, Point-to-Point and multi-point links, simplex, half-duplex, and full-duplex transmission, Modulation, Demodulation; Computer Networking Concepts – (a) LAN, WAN, MAN (b) Logical & Physical Topology of Network (c) LAN Topologies (Bus, Tree, Star, Ring) (d) Network Application and Services (e) Network Models; Protocols, OSI Reference Model and TCP/IP Protocol Suite – (a) Protocols and its components (b) OSI Reference Model (c) TCP/IP Suite; Transmission Impairments and Transmission Media – (a) Transmission Impairments (Attenuation, Delay Disaster, Noise) (b) Guided Media (Twisted Pair, Coaxial Cable, Optic Fiber) (c) Unguided Media (Wireless Transmission & Satellite) (d) Practical; Data Communication Interface and Multiplexing

– (a) A system and system transmission (b) Interfacing of DTE & DCE (c) Frequency division multiplexing (d) Time division multiplexing; Data Link Control – (a) Flow Control (Stop & Wait Flow Control, Sliding Window Flow Control) (b) Error Control (Error Detection, Parity Technique, CRC Technique, Error Correction (Stop & Wait ARQ)); LAN Technologies and Systems – (a) LAN Architecture (b) Ethernet and FAST Ethernet LANS (CSMA/CD) (c) Token Ring Network (d) FDDI (e) High Speed Ethernet (Gigabit LANS); Disaster Recovery and System Configuration – (a) Disaster Recovery (Data Protection Techniques, System Failures Protection Techniques) (b) System Configuration (Installing and Configuring Network devices (Modern and NIC), Network Configuration and Administration) (c) Practical; Inter Network Devices and WAN Services – (a) Bridges (b) Routing (c) Circuit Switching Network (d) Packet Switching Network (e) ISDN Links f) ATM and Frame Relay.

CSC 709 Programming Languages (3 Units, compulsory)

Programming Languages Overview, Names, Scopes, and Bindings, Control Flow, Subprograms: functions and procedures, Functional Programming, Types, Program Structure, Object-Oriented Programming, C++ Tutorial, Generic Programming, Exceptions, and Concurrency. Laboratory exercises. Student must be able to write computer programs in C++ or any programming language chosen by the instructor.

CSC 710 Digital Logic Design (2 Units, Elective)

Computer Circuits, Diode Arrays, PLAs, etc. Integrated Circuit (IC) fabrication process. MSI, LSI and VLSI ICs. Symbolic logic and truth functional calculus; Boolean Algebra and logic gates; Switching function minimization e.g. algebraic, Karnaugh map, Quine-McCluskey, etc. Combination circuit design; Combination logic with MST and LST; Sequential circuit design; Bi-stables, SR, JK, D and T registers, counters and the memory unit Register Transfer logic (RTL); Sequential logic minimization; Arithmetic circuits; instruction formats and sequencing, error detection and correction, CPU logic design: Arithmetic Logic; synchronous and asynchronous Control logic design.

CSC 711 Data Structures and Algorithms (3 Units, Compulsory)

Introduction – Basic Terminologies, Introduction to Data Structures, Data Structure (Classification, Types, Operation), Basics of Algorithms, Notation used, Importance of Algorithms for Optimized Application Development, Introduction to Analysis of Algorithms; Arrays – Arrays (Definition and Examples), Representation of array in Memory, Accessing & Traversing Array, Inserting & Deleting, Multi-Dimensional Arrays & their Representation in Memory; Stacks – Stack, Importance of Stack, Array Representation of Stacks, Stack Operations (PUSH and POP operations, Infix, Postfix and Prefix Expressions; Queues – Queue, Representation of Queues, Operations performed on Queue (Inserting and Removing Nodes), Deques, Priority queues; Linked Lists – Linked Lists Concept, Representation of Linked Lists in Memory, Traversing & Searching a Linked List, Insertion & Deletion in Linked List, Types of Linked Lists; Trees - Tree Types (simple, Binary, General), Representation of Binary Tree in Memory, Traversing (Pre order, In-order, Post-order), Basic Operation (Insertion Deletion); Sorting & Searching - Bubble Sort, Quick Sort, Insertion Sort, Selection Sorting, Sequential Search; Graphs – Graph Theory Terminology, Linked Representation of Graphs, Directed and Undirected Graphs, Traversal Methods; Files and Data Storage – Basic Operations on Different Files Organizations, Add,

Update and Delete Record, File Organizations 1. Sequential 2. Indexed Sequential 3. Direct (Hashing) 4. Merging Files.

CSC 712 Software STUDIO (2 Units, Elective)

Course covers design and implementation of software systems, using web applications as the platform. It emphasizes the role of conceptual design in achieving clarity, simplicity, and modularity. Students should complete open-ended individual assignments and a major team project.

CSC 713 Professional Communication (2 Units, Compulsory)

An Overview of Communication – (a) Defining communication, Importance of communication, Concepts of communication (b) Barriers in communication, Non-verbal communication, Principles of effective communication; Business Communication in Context – (a) Business Communication and the global context. 1). Background to intercultural communication, and National cultural variables 2). Individual cultural variables (b) Business communication and Ethics, Influences on personal ethics, Communication and ethical issues; Business Communication in Context, Business Communication and Technology (a) Managing information within Organization (1). History of technological Developments (2). Challenges to the organization Made by New Technologies (b) E-mail & Others technologies for communication 1). Defining E-Mail, Using E-Mail, Understanding How E-Mail Works 2). Understanding the internet, Establishing security, Voice mail, Group Ware 3). CD_ ROM Database, Teleconferences, Faxes (c) Managing information in the Organization; Message Design – Good-News and Neutral Messages, Organizational Plan, Favorable Replies, Neutral Messages, Process of Preparing Effective Business Messages (1). Five Planning Steps, Basic Organizational Plans, Beginning and Ending (2). Composing the Message, The Appearance and Design of Business Message Business Letters, Memorandums, Special timesaving Message Media; Written Communication: Major Plans for Letters and MEMOS, Bad-News Messages (1). The right Attitude, Plans for Bad-News Messages (2). Negative Replies to Requests, Unfavorable Unsolicited Messages, Persuasive Written Messages (1). Organization of persuasive messages (2). Persuasive Request, Persuasive Sales Letters; Written Communication: Reports – (a) Short Reports 1). Suggestion for short Reports, Informational Memorandum Reports 2). Analytical Memorandum Reports, Letter Reports (b) Long (Formal) Reports (Prefatory and Supplemental Section, Presentation of Long Reports (c) Proposals (Purpose, Kinds, Parts, Short Proposals, Long Formal Proposals) (d) Writing style and appearance; Strategies for Oral Communication (a) Strategies for Successful Speaking and Successful Listening (1) Strategies for Improving Oral Presentation, Strategies for Reducing Stage Fright (2) Strategies for improving Listing Skills, Strategies for Successful Informative and Persuasive Speaking (1) Purpose of Informative and persuasive speaking, (2) Kinds of informative and persuasive Speaking (3) Audience analysis for Informative and persuasive Speaking (4) Organization for Informative and Persuasive Speaking (5) Supports for Informative and Persuasive Speaking; Strategies for Successful Interpersonal Communication and Group Meetings (a) Strategies for Successful Interpersonal Communication, Dyadic communication, Interviewing, Telephoning, and Dictating (b) Strategies For Successful Business And Group Meeting (1) Background Information, Purpose and Kinds of Meetings (2) Solving problems in meeting or Groups, Leadership Responsibilities in Meeting 3) Participants Responsibilities in Meetings, How to Take Minutes of the Meeting.

CSC 714 – Foundation Concepts in Information Assurance and Security (2 Units, Elective)

Why security? Techniques for achieving security in multi-user computer systems and distributed computer systems. Classes of Attacks. Computer security. Formal models of computer security; Secured operating systems; Software protection; Security of electronic mail and the World Wide Web; Electronic commerce: payment protocols, electronic cash; Firewalls; and Risk assessment. Firewalls and proxy servers. Cryptography: secret-key, public-key, digital signatures; Authentication and identification schemes; Intrusion detection: viruses, malwares, spywares etc. Security mechanisms; Fundamental aspects; Security services; Information states; Threat analysis model; Vulnerabilities; Attacks; Policy; Operational issues; Forensics; Security domains.

CSC 715 Mobile Computing (2 Units, Elective)

Introduction: Ubiquitous computing versus virtual reality, Software models for mobile computing. Data Management Issues. Distributed Algorithms & Mobility. Publishing & Accessing Data in Air: Pull and Push Based Data Transfers, Data Dissemination by Broadcast, Treating Air as Cache, Energy Efficient Indexing in Air. Handoff Management: detection, failures, channel assignments. Location Management: Two-tier HLR-VLR scheme, Mobile IP, hierarchical tree-based scheme, regional directories, distributed location management. The Approximate Query Processing Concept: hierarchy, summary database, updates and view maintenance. Mobile Transaction Models. Technological Perspectives: 1-G, 2-G and 3-G network and services, the Internet, mobile computing and cellular telephony, voice and data services on 3G networks, battery problem and power dissipation, low energy processors. File System Support for Mobile Computing: Coda, Bayou Ad hoc Network Routing Protocols: DSDV, GSR, FSR, DSR, AODV

8.2 MASTERS

The following courses (with their description) are available for Masters degree in Computer Science.

CSC 801 Advanced Operating Systems (3 Units, COMPULSORY)

Structural design aspects of an operating system: process model, inter-process communication, synchronization mechanisms, resource management, and scheduling. Protection issues. Implementation issues of modern operating systems. Distributed operating systems. Deadlock detection, recovery, and avoidance. Case studies. Project(s).

CSC 802 Advanced Computer Architecture (3 Units, COMPULSORY)

Advanced computer architecture includes discussion of instruction set design (RISC and CISC), virtual memory system design, memory hierarchies, cache memories, pipelining, vector processing, I/O subsystems, co-processors, and multiprocessor architectures. Case studies of current systems.

CSC 803 Advanced Computer Algorithms (3 Units, COMPULSORY)

Review of data structures; linear data structures, hashing, trees, graphs, recursion. Complexity classes; empirical measurements of performance; time and space tradeoffs analysis. Algorithmic strategies: Brute-force algorithms; greedy algorithms; divide-and-conquer; backtracking; branch-and-bound; minimum spanning tree, heuristics; pattern matching and string/text algorithms; numerical approximation algorithms. Tractable and intractable problems.

CSC 804 Advanced Software Engineering (3 Units, COMPULSORY)

Software engineering and its place as an engineering discipline. Life cycle of software system: Requirements analysis, development, operation and maintenance. Software metrics: Portability, Re-usability, Correctness, Reliability, Efficiency, Usability, Integrity. Maintainability and Flexibility. Software quality and testing. Software architecture: architecture description languages, pattern-oriented software architecture, component-based development, distributed software architecture using middleware, enterprise application integration, architecture for mobile and pervasive systems and model driven architecture Advanced modelling: UME extension mechanisms, object constraint language and mode checking. Software project management: Study of interpersonal process decision making {styles, problem solving concepts and procedures, creative effort, conflict resolution, leadership and assessment. Concepts of motivation, team work and group dynamics. Software engineering and law: intellectual property law, professional ethics and code of conduct Patents, trademarks, copyright, trade secrets, privacy and confidentiality, contracts and licensing, government regulations, global legal issues including Internet law and cybercrime. Overview of Open Source Software.

CSC 805 Computer Communications and Networks (3 Units, COMPULSORY)

Channels and channel capacity; introduction to information theory; sharing network resources telecommunication history; circuit switching and packet switching; multiplexing; FDM TDM, statistical multiplexing; virtual circuits and datagrams; advantages and disadvantages sharing the medium: Aloha, CSMA (persistent and non-persistent), CSMA-CD, token passing CDMA, wireless LANs and simple performance analysis; dealing with errors: errors, coding and redundancy; hamming theory and codes; CRCs, ARQ protocols; CR selective retransmission and flow control; internetworking and the internet: ISPs, datagram forwarding the DNS; IPv4; addressing and forwarding; encapsulation and address resolution; TCP and UDP; ports and congestion controls; example applications; modelling data networks: service and protocols; layered architectures; the OSI 7-layer model; introduction to queue theory physical media; LANs and bridging; WANs and point-to-point links; routing; addressing am routing in the internet; end-to-end communication in the internet; and application protocols Cyberspace technology: Cyber Crime, Cyber Security and models of Cyber Solution.

CSC 806 Advanced Programming Languages (3 Units, COMPULSORY)

Comparative study of the organization and implementation of a variety of programming languages and language features. Design principles are explored and applied in a historical review of major languages. Procedural, functional, logic-based, object-oriented and parallel languages. Research issues such as polymorphism, formal semantics and verification explored in depth.

CSC 807 Advanced Human Computer Interaction (3 Units, COMPULSORY)

Positive and negative effects of the computers and ICT on human beings and societies. Computing as a profession, organization using computers, sociological impacts of computers, individuals and computers, computer as an audit tool, computers in banking, computer-based information systems and telecommunications, computers in consultancy services, design and construction, education, government insurance, stock-brokerage, legal and medical professions.

CSC 810 Advanced Database Systems (3 Units, COMPULSORY)

A brief introduction to database concepts: file systems and databases, and the relational database model; design concepts and implementation: entity relationship (E-R) modelling; normalization of database tables and structured query language; database design and implementation. Transaction management and concurrency control and distributed database management systems; database privacy, security, failure and recovery. Object-oriented databases; client/server systems; data warehouse; data mining; databases in electronic commerce; web database development and database administration.

CSC 821 Theory of Computation (3 Credit Units, COMPULSORY)

Formal languages, Chomsky hierarchy, formal computation and machine models, finite automata, pushdown automata, Turing machines, Church's Thesis, Recursively enumerable sets. Diagonal arguments. Reducibility, complexity classes.

CSC 822 Advanced OBJECT-ORIENTED Programming (3 Units, COMPULSORY)

Procedural programming and its limitations. Software development methodology. Fundamental design concepts and principles; structured design; testing and debugging strategies; test case design; programming environments; testing and debugging tools. Basic concepts and formal methods of Object-Oriented Programming (OOP). Study of the features of a popular Object-Oriented Programming Language such as JAVA, Visual Basic and C++. Applications of OOP in systems software development.

CSC 823 Advanced Computer Graphics (3 Units, COMPULSORY)

Reflection models. Texture and models, texture and environment mapping, advanced ray tracing, radiosity method, volume rendering, advanced modelling techniques, simulation and animation.

CSC 824 Advanced Expert Systems (3 Units, ELECTIVE)

Review of Artificial Intelligence and its place in expert systems. Introduction to expert systems and expert support system. Characteristics of expert systems. Knowledge-based systems. Types of expert systems.

CSC 825 Advanced Artificial Intelligence (3 Units, ELECTIVE)

Introduction to basic programming techniques of artificial intelligence (AI). Domain analysis; representation of Knowledge and strategies; control on inference and search; development of interactive intelligence CAT programs; the role of analogical reasoning. The main contents are symbol manipulations and AI problem solving techniques. Topics include LISP primitives, LISP objects and evaluation, recursion and iteration and data abstraction (association lists, properties and DESTRUCT), macros, object centered programming, symbolic pattern matching and basic solving methods.

CSC 826 Compiler Design and Construction (3 Units, ELECTIVE)

Anatomy of a compiler; lexical analysis (scanning); syntax analysis (parsing); syntax-directed translation; semantic analysis, intermediate code generation; code generation and optimization. Advanced topics include garbage collection; dynamic data structures, pointer analysis, aliasing; code scheduling, pipelining; dependence testing; loop level optimization; superscalar optimization; profile-driven optimization; debugging support; incremental parsing; type

inference; advanced parsing algorithms; practical attribute evaluation; function in-lining and partial evaluation.

CSC 827 Advanced Operations Research (3 Units, ELECTIVE)

Introduction to Operations Research. Treatment of some of these topics and the applications of computer in their solution: Decision Theory, Game Theory, Inventory Control, Linear Programming Problems (Simplex Method of solution), Transportation Problems, Assignment Problems, Project/Network Analysis, Forecasting, Queuing Theory, Simulation.

CSC 828 Internet Technology (3 Units, ELECTIVE)

Introduction to Internet, standards and specifications; survey of contemporary Internet technologies; Current Internet tools; Designing and publishing a web server; WWW programming Markup languages; Using alternative protocols in WWW, Adding multimedia features to WWW; Server-side programming, client programming and database programming for the web; Security and Privacy.

CSC 829 Advanced Topics in Computer Science (3 Units, ELECTIVE)

Quick review of the fundamental technologies: parsing, bytecodes, interpretive systems in general and run-time support, especially memory management. Analysis and classification of existing embedded languages according to the language paradigms used and the features included, without reference to the implementations. Analysis of the implementations of existing embedded languages. Review and study of topical issues and current development in the area of Computer Science.

CSC 899 Research DISSERTATION (6 units, Compulsory)

Individual research dissertation based on an agreed area of interest must be supervised by a member of staff. The report will be submitted to the Computer Science Department and presented in a seminar.

7.3 MPhil

The available courses and the description are the same as that of Masters degree.

7.4 MPHIL TO PHD CONVERSION REQUIREMENTS

- i. A candidate must have registered for not less than one and not more than two academic sessions.
 - ii. Candidates that possess MSc degree need only present two research seminars of 3 units each in the candidates' area of specialization.
 - iii. Candidate must pass all the required/compulsory courses, the average score of which shall not be less than 60%.
 - iv. Candidates with 60% or more average shall proceed to the PhD programme, otherwise would complete research work for M.Phil. degree.
- b. The above conditions are subject to change from time to time as the relevant University authorities deem necessary.

7.5 PhD

To qualify for the award of PhD a candidate must fulfil the following conditions:

In addition to satisfying other University regulations,

- i. All compulsory general courses as listed by the College of Postgraduate Studies of the University must be offered and passed. Candidates may be required to take courses to remedy deficiencies.
- ii. A minimum weighted score of sixty percent (60%) must be obtained.
- iii. All PhD degree students are required to carry out significant research on a specialized area of Computer Science and present three seminars (900 level courses) before graduation.
- iv. A thesis describing the original work carried out while studying for the degree and written in the format specified by the College of Postgraduate Studies must be submitted for oral examination.
- v. A student shall, upon the approval of **examination board** by the University Senate; sit for VIVA (oral examination) in the presence of an External Examiner and must pass the examination satisfactorily before he/she is pronounced a Doctor of Philosophy.

First Semester

Course Code	Course Description	Status	U	L	P
SCI 801	ICT and Research Methodology	C	2	2	-
CMP 901	Research Methodology in Computer Science	C	2	2	-

Compulsory Courses - 4 units

Available Electives - 0 unit

Total Units Available - 4 units

Second Semester

Course Code	Course Description	Status	U	L	P
SCI 802	Management and Entrepreneurship	C	2	2	-
CMP 902	PhD Research Seminar	C	2	2	-

Compulsory Courses - 4 units

Available Electives - 0 unit

Total Units Available - 4 units

8.0 STAFF LISTING

8.1 ACADEMIC STAFF

S/N	Name	Area of Specialization	Discipline	Qualification	Rank
1	Prof. A.O. Ogunde	Artificial Intelligence: Data Mining, Machine Learning, Intelligent and Knowledge Base Systems	Computer Science	BSc (Hons), MSc, PhD;	Professor & Head of Department
2	Prof. S. A. Arekete	Mobile Agent; Artificial Intelligence; Information Systems	Computer Science	BSc (Hons), MSc, PhD;	Professor
3	Dr. M.O. Odim	Deep Learning, Machine Learning, Data Mining, Database Systems, Network Management and Information systems	Computer Science	BSc (Hons), PGD MSc, PhD;	Reader
4.	Dr. (Mrs) B.O. Oguntunde	Data Communication and Networking	Computer Science	BSc (Hons), MSc, PhD;	Senior Lecturer
5.	Dr. (Mrs) A. A. Kayode	AI, Computational Intelligence, Software Engineering, Cybersecurity	Computer Science	BSc (Hons), PGD (Mathematics) MSc, PhD;	Senior Lecturer
6.	Dr. (Mrs) A. Adegoke-Elijah	Artificial Intelligence, Natural Language Processing	Computer Science	B. Tech (Hons), MSc, PhD	Lecturer I
6.	Dr. A. S. Onananye	Optimization, Control Problems	Mathematics	BSc (Hons), MSc, PhD;	Senior Lecturer
8	Dr. O. J. Adeleke	Operations Research/Optimization, Energy Optimization. Applied/Industrial Mathematics, Numerical Analysis.	Industrial Mathematics	BSc (Hons), MSc, PhD;	Senior Lecturer

8.2 TECHNICAL STAFF

Mr. I. N. Fagbamigbe	-	Principal Technologist
Mr. I. S. Oyetade	-	Principal Technologist
Mrs. A. O. Adio	-	Programmer I
Mr. B.O. Olorunfemi	-	Programmer II
Mr. I. Iseoluwa	-	Programmer II
Mr. E. O. Adekunle	-	Head Lab Attendant

CHAPTER TWENTY-TWO

DEPARTMENT OF MATHEMATICS AND STATISTICS

1.0 PHILOSOPHY OF THE PROGRAMME

The philosophy is to equip the students for career in applied mathematics and statistics to enable them work in government, industry, research organizations, engineering and constructing firms, health care organizations and public utilities. The programme in Mathematics has been designed to give students the required rigorous apprenticeship in pure and applied mathematics and is designed to produce capable mathematicians qualified for the key positions in education, government and industries, with particular emphasis on certain fields which are relevant to the economic and technological development of the country.

In line with this philosophy the object of the postgraduate programmes in Statistics and mathematics are to:

- (i) To be able to formulate problems in statistical terms, plan studies, and analyze data using a wide variety of techniques;
- (ii) To be able to write reports (both technical and non-technical), in other methods of presentation of results, and in working in groups;
- (iii) To have shown the ability to complete an extended individual study to statistical problems and present the results in a dissertation;
- (iv) To have developed attitudes and confidence which will allow them to acquire new statistical knowledge and expertise throughout a subsequent career.
- (v) Impart in the students the fundamentals of the main branches of mathematics
- (vi) Produce mathematicians that not only thrive in its traditional role of giving form, language, often content to natural sciences, but also that can increasingly take on the role of the social discipline and even humanities.
- (vii) Equip students with capability for research and development in all areas of pure and applied mathematics.

2.0 HISTORY OF THE DEPARTMENT

The department was one of the pioneer departments in 2005. The programmes approved by the NUC for the department were BSc. Computer Science, BSc. Mathematics and BSc. Statistics. The pioneer Coordinator of the Department was then Mr. O. M. Akpa, who coordinated the department between 2005 and 2007. He was later succeeded by Mr. O. E Okeyinka (2007 -2010). Later, Professor. K. S. Adekeye (former DVC) became the Head of the Department from September 2010 to September 2011 and was succeeded by Prof. T. A. Bamiduro, who was the Head of the Department from October 2011 to 2014. The Department has since then recorded a tremendous growth in terms of staff and technical facilities. In 2014/2015 academic session the department gave birth to the Department of Computer Science which was originally offered as an option in the defunct Mathematical Sciences Department. Today, the department runs two programs, namely: B.Sc. Industrial Mathematics, and B.Sc. Statistics programs. Dr. S. O. Adesanya coordinated the department from the second semester of 2014/2015 to 2015/2016 while the Acting Head of the Department for academic session 2016/2017 and 2017/2018 was Dr. S. A. Alayande. Dr. A. S. Onanaye was the Ag. Head of Department, Mathematical Sciences for 2018/2019 and 2019/2020 Sessions and handed over to Dr. (Mrs) D. M. Okewole as the Acting Head of the Department for 2020/2021 session to 2021/2022 session. However, with the approval of the university senate, the Department changed her name to Department of Mathematics and Statistics and Dr. S. O. Adesanya is the current Ag. Head of Department.

3.0 AREA(S) OF SPECIALISATION

3.1. Statistics

The fields of specialization in the department's postgraduate studies in Statistics are:

- (i) Survival Analysis
- (ii) Econometrics
- (iii) Statistical Quality Control/ Statistical Process Control
- (iv) Time Series Analysis
- (v) Design of Experiments
- (vi) Sampling Techniques
- (vii) Multivariate Analysis
- (viii) Biostatistics
- (ix) Environmental Statistics
- (x) Computational Statistics
- (xi) Statistical Machine Learning

3.2. Mathematics

The fields of specialization in the department's postgraduate studies in Mathematics are:

- (i) Algebra
- (ii) Differential Equations
- (iii) Mathematical Modeling
- (iv) Numerical Analysis
- (v) Optimization
- (vi) Fluid Mechanics
- (vii) Topology
- (viii) Functional Analysis
- (ix) Complex Analysis

4.0 TYPES OF PROGRAMMES AND OBJECTIVES

4.1 MASTER OF SCIENCE PROGRAMMES

The Department offers course work and research leading to the award of Master of Science (MSc) degrees in Mathematics and Statistics, respectively, in different areas as specified above.

Duration of programme

The MSc shall be by course work and research (full time). The research work shall be on application of principles and techniques to real life and theoretical problems in the candidate's area of specialization with specific purpose of solving local problems. The programme shall be for a minimum period of 18 months (three semesters) and a maximum period of 36 months (six semesters). The first two semesters shall be by course work and examinations. The third semester shall be for dissertation based on a research proposal submitted and approved at the end of the second semester.

Extension beyond the specified maximum time shall be determined by the postgraduate board and approved by the University senate. Candidates with approved extension beyond the specified maximum shall renew their registration at the beginning of each academic year following.

A candidate's registration shall lapse if he/she had not satisfied the requirements for the award of a Master of Science degree after 5 semesters of full time study except extended as above.

4.3 MASTER OF PHILOSOPHY (MPhil) IN STATISTICS AND MATHEMATICS

The MPhil programmes will consist of course work and MPhil dissertation to be completed within a minimum of one academic session and a maximum of two academic sessions.

The MPhil programmes in the department shall be either Full-time or Part-time depending on the candidate's choice and convenience.

4.4 MASTER OF PHILOSOPHY/DOCTOR OF PHILOSOPHY (MPhil/ PhD)

The MPhil/PhD programmes shall be for a minimum of 12 months and a maximum of 24 months. The course work and the dissertation are expected to be completed within the speculated period.

The candidate shall be required to register and pass four courses that are related to his/her area of interest.

In addition to the course work, the MPhil/PhD programmes emphasizes on research work on application of principles and techniques to real life and theoretical problems in the candidate's area of specialization with specific purpose of solving local problems.

The MPhil/PhD programmes in the department shall be either Full-time or Part-time depending on the candidate's choice and convenience.

4.5 DOCTOR OF PHILOSOPHY (PhD) IN STATISTICS AND MATHEMATICS

The mode of study may be part-time or full-time. Full-time Doctorate programme shall run for a minimum of 6 semesters and a maximum of 8 semesters. Part-time Doctorate programme shall run for a minimum of 9 semesters and a maximum of 10 semesters;

Extension beyond the specified maximum time shall be determined by the postgraduate board and approved by the University senate. A candidate's registration shall lapse if he/she had not satisfied the requirements for the award of PhD degree after 8 semesters of full-time and 10 semesters of part-time registration except extended as above. A candidate may apply for a maximum of two Semesters extension on the expiration of the maximum duration.

4.6 ADMISSION REQUIREMENTS

4.6.1 MASTERS DEGREE: MSc STATISTICS

Candidates must satisfy the general regulations governing postgraduate studies at the Redeemers University. In addition, the following departmental requirements should be met:

- (i) Candidates must have at least five (5) credit passes at O' Level including English language and mathematics.
- (ii) A candidate with at least a second class (Upper Division) BSc degree in Statistics of the Redeemer's University or of any other recognized University is eligible for admission.
- (iii) A candidate with a second class (Lower Division) B.Sc. degree in Statistics of the Redeemer's University or of any other recognized University may be considered for admission on his own merit.

- (iv) Applications for admission into the Master's degree programme of the department must be supported by three confidential referee reports confirming that the candidate possesses the adequate intellectual capacity, maturity and potential for effective decision-making and problem-solving.

4.6.2 MPhil Mathematics / Statistics

The entry and the requirements for the Master of Philosophy (MPhil) and the conversion of Master of Philosophy to Doctor of Philosophy (MPhil/PhD) programmes in the department of Mathematics and Statistics are based on the following.

Candidates must satisfy the general regulations governing postgraduate studies at the Redeemer's University. In addition, the following departmental requirements should be met:

All candidates must have five (5) credit passes at O' Level including English and Mathematics.

A candidate for the MPhil degree should have obtain the MSc degree in Statistics from Redeemer's University or any other recognized university with a weighted average score greater or equal to 50%.

4.6.3 MPhil/PhD Mathematics / Statistics

All candidates must have five (5) credit passes at O' Level including English and Mathematics.

A candidate who scored between 55% and 59.99% at a Master's degree shall be considered for admission into MPhil/PhD programme.

4.6.4 DOCTOR OF PHILOSOPHY (PhD) Mathematics / Statistics

Application for doctoral studies shall be supported by three (3) referees' reports attesting to the ability of the candidate to demonstrate adequate intellectual capacity, maturity and effective decision-making and problem-solving potentials;

- i. All candidates must have five (5) credit passes at O' Level including English and Mathematics;
- ii. Candidates for the PhD degree should have obtained the M.Sc. Degree in Statistics from Redeemer's University or any other accredited university with a minimum average score of 60%;
- iii. Candidates that score less than 60% but within range of MPhil/PhD may be considered to do a one-year conversion based on a research project.

5.0 GRADUATION REQUIREMENTS

5.1 MASTERS DEGREE

5.1.1. MSc Statistics

In addition to satisfying other university regulations, the student must have

- (i) offered and passed all compulsory courses
- (ii) taken and passed a minimum of thirty-two (32) units
- (iii) given two (2) seminars

(iii) obtained a minimum weighted average score of 50%

(iv) successfully defended his M.Sc. thesis

MSc Mathematics

In addition to satisfying other University regulations, MSc Mathematics Candidate(s) shall also fulfill the following requirements before graduation:

- (i) All compulsory courses must be offered and passed.
- (ii) A minimum score of fifty per cent (50%) must be obtained;
- (iii) All Master's degree students are required to present a minimum of two seminars before graduation.
- (iv) A dissertation describing the original work carried out while studying for the degree and written in the format specified by the School of Postgraduate Studies must be submitted and defended.
- (v) A minimum of 35 units (including 27 units of core courses and 8 units of elective courses) is required for graduation for all specialisations in Mathematics.

DISSERTATION

A master's dissertation is a document authored by a student that describes results of original research undertaken by that student and asserts a position that the student is willing to defend.

5.2 MPhil

5.2.1 MPhil Mathematics and MPhil Statistics

The MPhil programme will consist of course work and MPhil dissertation to be completed within a minimum of one academic session and a maximum of two academic sessions.

The course work shall be determined or recommended by the Post Graduate Committee in the Department

A candidate shall be required to register for and pass a minimum of 16 Units and a maximum of 22 Units which includes 6 Units of dissertation.

The dissertation shall be examined by an External Examiner following the process as presented for Masters programme.

A candidate shall be considered to have passed MPhil programme if the candidate obtains a minimum score of 50% and shall be awarded MPhil certificate.

A candidate who makes 60% in his/her MPhil Degree shall be eligible to apply for PhD.

A student must score at least 50% weighted average in order to graduate from any of the programmes. The various grades a student can obtain at the end of the programme are as follows:

5.3 MPhil/PhD

5.3.1 MPhil/PhD Mathematics and MPhil/PhD Statistics

The candidate shall be required to register and pass four courses that are related to his/her area of interest.

The candidate shall present two areas of research interest within the available areas of Specializations listed under degree offered.

The candidate after completion of the four registered courses shall present a Research

Proposal for his PhD work to the Departmental Board of Examiners before he/she can finally be qualified to proceed to PhD work.

The Board of Examiners shall be chaired by the Head of Department, Departmental Post Graduate Coordinator, Representative of the College of Post Graduate studies, and Supervisor.

The candidate shall be required to score a minimum of 60% to proceed to PhD.

A candidate who fails to proceed within the immediate session shall be required to re-apply.

5.4 DOCTOR OF PHILOSOPHY (PhD)

PhD Statistics

(a) In addition to satisfying other University regulations,

(i) All compulsory general courses as listed by the College of Postgraduate Studies of the University must be offered and passed. Candidates may be required to take courses to remedy deficiencies.

(ii) A minimum score of fifty per cent (50%) must be obtained in all registered courses;

(iii) All PhD degree students are required to carry out significant research on a specialised area of Statistics and also present a minimum of three seminars before graduation.

(iv) A thesis describing the original work carried out while studying for the degree and written in the format specified by the College of Postgraduate Studies must be submitted for oral examination.

(v) Minimum of two peer-reviewed articles published in a reputable high-impact journal(s).

(vi) A student shall sit for *VIVA VOCE* (oral examination) presided over by an External Examiner and must pass the examination satisfactorily before he/she is pronounced a Doctor of Philosophy.

(b) Thesis:

A doctoral thesis is a document authored by a student that describes results of original research undertaken by that student and asserts a position that the student is willing to defend. This position should not be construed to prohibit joint or collaborative research. It is expected however that in such a situation, unique aspects of the broad problem will be explored by each candidate and that the thesis written and presented to the final examining committee will be a personal document describing the student's effort and contribution. The thesis must not have been submitted for any higher degree elsewhere.

PhD Mathematics

(a) In addition to satisfying other University regulations,

(i) All compulsory general courses as listed by the College of Postgraduate Studies of the University must be offered and passed at minimum 50% scores and any other courses such student may be advised to register to remedy deficiencies.

(ii) All PhD degree students are required to carry out significant research on a specialised area of mathematics and also present a minimum of three seminars before graduation.

(iii) A thesis describing the original work carried out while studying for the degree and written in the format specified by the College of Postgraduate Studies must be submitted for oral examination.

(iv) Minimum of two peer-reviewed articles published in high-impact journal(s).

(v) A student shall sit for *VIVA VOCE* (oral examination) presided over by an External Examiner and must pass the examination satisfactorily before he/she is pronounced a Doctor of Philosophy.

THESIS

A PhD thesis is a document authored by a student that describes the results of original research undertaken by that student and asserts a position that the student is willing to defend.

NOTE: All PhD Students are expected to register and pass all the Postgraduate College based Courses except if such students had offered these courses in their Master's programme and must be reflected in the academic transcripts of such students either of the Redeemer's University Masters or any other recognized University in Nigeria or otherwise.

Second Year

PhD Students are expected to register MTH 998 and continue with their research work with presentation of seminars to show his/her results and publish same in Impact Factor and Reputable journal(s).

Third Year

PhD Students are expected to register MTH 998 and finalized their research work with the presentation of the final seminar to show their final result(s) and publish same in Impact Factor and Reputable journal(s). The candidate shall be presented by his/her Supervisor(s) for VIVA (Oral Examination) with an External Examiner and other Examination Panel as approved by the Department, College of Postgraduate Studies and the University Senate on a scheduled date. The candidate must have published at least two (2) research articles from the PhD thesis in reputable journals of Impact Factors (SCI) or indexed in SCOPUS.

6.0 COURSE REQUIREMENTS / STRUCTURE

6.1 MASTERS DEGREE

6.1.1 MSc Statistics

FIRST SEMESTER

COURSE CODE	COURSE TITLE	UNITS	STATUS
SCI 801	ICT and Research Methodology	2	C
STA 811	Statistical Inference	3	C
STA 813	Probability I	3	C
STA 815	Design & Analysis of Experiment	3	C
STA 819	Categorical Data Analysis	3	C

STA 821	Advance Time Series Analysis	3	E
STA 823	Bayesian Inference	3	E
STA 825	Multivariate Analysis	3	E
STA 827	Longitudinal and Survival Analysis	3	E
STA 829	Quality Control and Its Management	3	E
STA 851	Seminar	2	C

SECOND SEMESTER

Course Code	Course Title	Units	Status
SCI 802	Management and Entrepreneurship	2	C
STA812	Probability II	3	E
STA814	Computational Statistic and Consulting	3	C
STA816	Advance Sampling Techniques	3	C
STA 818	Stochastic Processes	3	E
STA 822	Nonparametric Inference	3	E
STA 824	Sequential Analysis	3	E
STA 826	Decision and Games Theory	3	E
STA 828	Econometric Methods	3	E
STA 832	Environmental Statistics	3	E
STA 834	Biostatistics	3	E

Students are required to register for at least 1 Elective course per semester.

THIRD SEMESTER

Course Code	Course Title	L T P U	STATUS
STA 871	Research Project	0 0 0 6	C

6.1.2 MSc Mathematics

FIRST SEMESTER:

a) Compulsory Courses for Students irrespective of the area of specialization

COURSE CODE	COURSE TITLE	STATUS	Units
SCI 801	ICT and Research Methodology	C	2
PSG 801	Leadership Foundation I	C	0
MTH 801	Algebraic Topology I	C	3
MTH 807	Functional Analysis I	C	3
	TOTAL		8

b) Elective Courses available to choose from depending on area of specialisation

COURSE CODE	COURSE TITLE	STATUS	Units
MTH 821	Ordinary Diff. Equations	C/E	2
MTH 803	Topics in Group Theory	C/E	2
MTH 807	Lie Groups	C/E	2
MTH 805	Group Representation	C/E	2
MAT 823	Electromagnetic Theory	C/E	2
MTH 829	Quantum Mechanics I	C/E	2
MTH 831	Functional Analysis II	C/E	2
MTH 827	Ordinary Diff. Equations II	C/E	2
MTH 841	Introduction to Mathematical Modeling	C/E	2
MTH 861	Optimization I	C/E	2
MTH 873	Numerical Analysis I	C/E	2
MTH 875	Numerical Analysis II	C/E	2
MTH 813	Advanced Mathematical Methods in Fluid Dynamics	C/E	2
MTH 837	Univalent Functions and Conformal Mappings I	C/E	2
MTH 839	Maximum Modulus Theorem	C/E	2
MTH 881	Harmonic Analysis I	C/E	2
	TOTAL		34

8 units compulsory I

4 unit's electives I

Total minimum registerable units = 12

Students are expected to seek advice of (either) the Head of Department, Departmental Postgraduate Coordinator or any officer appointed as Postgraduate Adviser before selecting and registering of courses for the Semester.

SECOND SEMESTER:

a) Compulsory Courses for Students irrespective of area of specialization

COURSE CODE	COURSE TITLE	STATUS	U	L	P
SCI 802	Management and Entrepreneurship	C	2	2	-
PSG 802	Leadership Foundation II	C	0	2	-
MTH 802	Complex Analysis	C	3	3	-
MTH 824	Partial Diff. Equations	C	3	3	-
MTH 804	Algebraic Topology II	C	3	3	-
MTH 896	Seminar	C	2	-	-
	TOTAL		13	13	-

b) Compulsory and Elective Courses available to choose from, depending on area of specialisation

COURSE CODE	COURSE TITLE	STATUS	U	L	P
<u>MTH 806</u>	LIE GROUPS	C/E	2	2	-
MTH 808	Group Representations	C/E	2	2	-
MTH 824	Partial Diff. Equations I	C/E	2	2	-
MTH 816	Commutative Algebra	C/E	2	2	-
MTH 846	Introduction to Biomathematics	C/E	2	2	-
MTH 848	Mathematical Modeling II	C/E	2	2	-
MTH 876	Numerical Analysis III	C/E	2	2	-
MTH 878	Numerical Analysis IV	C/E	2	2	-
MTH 862	Optimization II	C/E	2	2	-
MTH 864	Optimization III	C/E	2	2	-
MTH 840	Visco-Elasticity and Plasticity	C/E	2	2	-
MTH 818	Fluid Mechanics I	C/E	2	2	-
MTH 814	Viscous Flow Theory	C/E	2	2	-
MTH 836	Star-Like and Convex Univalent Functions	C/E	2		
MTH 838	Univalent Functions and Conformal Mappings II	C/E	2	2	-
MTH 868	Theory of Distributions	C/E	2	2	-
MTH 882	Harmonic Analysis II	C/E	2	2	-
	TOTAL		34	34	

13 units compulsory (C)

4 units electives (E)

Total minimum register-able units = 17

Students are expected to seek advice of (either) the Head of Department, Departmental Postgraduate Coordinator or any officer appointed as Postgraduate Adviser before selecting and registering the courses for the Semester.

THIRD SEMESTER:

COURSE CODE	COURSE TITLE	STATUS	U	L	P
MTH 898	Research Project (Dissertation)	C	6	-	-

The third semester shall be by dissertation based on a research proposal, research project, (MAT 898) registered, submitted and approved at the end of the second semester. Students are expected to put final touches and roundup their research project (MAT 898) with final seminar presentations and defend same, orally before External Examiner(s) in the third semester.

At the end, number of minimum units required for MSc Mathematics Degree, before graduation, is 35 (including 8 units of elective courses)

6.2 MPhil**6.2.1 MPhil in Statistics****6.2.1.1 MPhil IN STATISTICAL QUALITY CONTROL/STATISTICAL PROCESS****FIRST SEMESTER**

COURSE CODE	COURSE TITLE	UNITS	STATUS
STA 829	QUALITY CONTROL & ITS MANAGEMENT	3	E
STA 819	CATEGORICAL DATA ANALYSIS	3	E
STA 821	ADVANCE TIME SERIES ANALYSIS	3	E
SCI 801	ICT & RESEARCH METHODOLOGY	2	C

SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNITS	STATUS
STA 814	COMPUTATIONAL STATISTICS AND CONSULTING	3	E
STA 816	SAMPLING TECHNIQUES	3	E
STA 824	SEQUENTIAL ANALYSIS	3	E
SCI 802	MANAGEMENT & ENTREPRENEURSHIP DISSERTATION	2	C
TOTAL		28	

6.2.1.2 MPhil IN ECONOMETRICS/ TIME SERIES

FIRST SEMESTER	
STA 821 TIME SERIES ANALYSIS	3E
STA 811 STATISTICAL INFERENCE	3E

STA 819 CATEGORICAL DATA ANALYSIS	3E
STA 823 BAYESIAN INFERENCES	3E
SCI 801 ICT & RESEARCH METHODOLOGY	2C

SECOND SEMESTER	
STA 828 ECONOMETRICS	3E
STA 816 SAMPLING TECHNIQUES	3E
STA 814 COMPUTATIONAL ANALYSIS AND CONSULTING	3E
SCI 802 MANAGEMENT & ENTREPRENEURSHIP	2C
DISSERTATION	6C
TOTAL	31

6.2.1.3. MPhil IN COMPUTATIONAL STATISTICS AND STATISTICAL MODELLING

FIRST SEMESTER

STA 811 STATISTICAL INFERENCE	3E
STA 827 LOGITUDINAL AND SURVIVAL ANALYSIS	3E
STA 819 CATEGORICAL DATA ANALYSIS	3E
SCI 801 ICT & RESEARCH METHODOLOGY	2C

SECOND SEMESTER

STA 814 COMPUTATIONAL STATISTICS AND CONSULTING	3E
STA 816 SAMPLING TECHNIQUES	3E
STA 834 BIOSTATISTICS	3E
SCI 802 MANAGEMENT & ENTREPRENEURSHIP	2C
DISSERTATION	6C

TOTAL 28

6.2.1.4. MPhil In MULTIVARIATE ANALYSIS

FIRST SEMESTER

STA 811 STATISTICAL INFERENCE	3	E
STA 813 PROBABILITY I	3	E
STA 825 MULTIVARIATE ANALYSIS	3	E
SCI 801 ICT & RESEARCH METHODOLOGY	2	C

SECOND SEMESTER

STA 812 PROBABILITY II	3	E
STA 816 SAMPLING TECHNIQUES	3	E
STA 826 DECISION AND GAMES THEORY	3	E
SCI 802 MANAGEMENT & ENTREPRENEURSHIP	2	C
DISSERTATION	6	C
TOTAL	28	

6.2.2 MPhil MATHEMATICS

FIRST SEMESTER:**(a) Compulsory Courses for Students irrespective of area of specialization**

COURSE CODE	COURSE TITLE	STATUS	Units
SCI 801	ICT and Research Methodology	C	2
PSG 801	Leadership Foundation I	C	0
	TOTAL		2

b). Elective Courses available to choose from, depending on area of specialisation

COURSE CODE	COURSE TITLE	STATUS	Units
MTH 851	Topics in Functional Analysis	E	3
MTH 853	Mathematical Methods	E	3
MTH 855	Lie Groups and Lie Algebra	E	3
MTH 857	Differential Equations	E	3
MTH 859	Numerical Solution of Ordinary Differential Equations	E	3
MTH 833	Mathematical Methods in Economics	E	3
	TOTAL		18

2 units compulsory (C)

6 units electives (E)

Total minimum registerable units = 8

Students are expected to seek advice of (either) the Head of Department, Departmental Postgraduate Coordinator or any officer appointed as Postgraduate Adviser before selecting and registering courses for the Semester.

SECOND SEMESTER:**a). Compulsory Courses for Students**

COURSE CODE	COURSE TITLE	STATUS	Units
SCI 802	Management and Entrepreneurship	C	2
PSG 802	Leadership Foundation II	C	0
MTH 898	Research Dissertation	C	6
	TOTAL		8

b). Elective Courses available to choose from

COURSE CODE	COURSE TITLE	STATUS	UNITS
MTH 852	Research Methods in Mathematics	E	3
MTH 854	Mathematical Package(s)	E	3
MTH 856	Banach Algebra	E	3
MTH 858	Integral Equations	E	3
MTH 830	Numerical Solution of Partial Differential Equations	E	3
MTH 832	Mathematics of Finance	E	3
MTH	Mathematical Ecology and Biology	E	3
	TOTAL		21

8 units compulsory (C)

3 units electives (E)

Total minimum registerable units = 11

Students are expected to consult (either) the Head of Department, Departmental Postgraduate Coordinator or any officer appointed as Postgraduate Adviser before selecting and registering of courses for the Semester.

6.3 MPhil/ PhD

See Graduation Requirements

6.4 PhD

See Graduation Requirements

7.0 COURSE DESCRIPTION

7.1 MASTERS

7.1.1. MSc STATISTICS: COURSE DESCRIPTION

STA 811 STATISTICAL INFERENCE 3 Units

Elements of Theory of statistical games and decision. Reduction of decision problems into problems of statistical inference. Minimax and admissible decision rules. Methods of estimation. Lehman Scheffe Theorem. Invariance. Confidence sets. Large sample theory for confidence bounds. Neyman-Pearson Lemma. Construction of tests: MP, UMP, UMPU, UMPI and likelihood ration criterion with their applications. Invariant and minimax tests.

STA 812 DISTRIBUTION THEORY 3 Units

Univariate and bivariate cases including compound, generalized and modified distributions, Negative multinomial, Multivariate hypergeometric, Multivariate logarithmic series. Multivariate Neyman Type A, Dirichlet (B-) Compound Negative Multinomial, Weibull and non-central distributions

STA 813 PROBABILITY I 3 Units

Introduction to measure theoretic probability; derivation and transformation of probability distribution. Generating functions and characteristic functions. Conditional expectations, sufficiency and unbiased estimation. Strong law of large numbers. Convergence theorems in probability and probability distributions. Central limit theorems for iid and correlated random variables. Conditional probability measures and expectations.

STA 814 STATISTICAL COMPUTING AND CONSULTING 3 Units

Methods of simulation of random processes, numerical methods for linear models, introduce students to key aspects of statistical consulting and data analysis activities. Problem-solving and real applications; data analysis, reports presentations. Use of mathematical and statistical software.

STA 815 DESIGN AND ANALYSIS OF EXPERIMENT 3 Units

Basic ideas and assumptions. General Linear Models; Generalized inverse of a matrix. Factorial experiments; Symmetric and Asymmetric; Balanced and Partially Balanced Incomplete Block Designs.

Resolvable, Group Divisible, Connected, Lattice designs. Row-Column designs; Latin squares, Lattice, Youden, Cross-over designs. Response Surface methodology. Construction of designs.

STA 816 SAMPLING TECHNIQUES 3 Units

Review of basic sampling theories and designs. Sampling with varying probabilities. Use of auxiliary information; multivariate ratio, regression and difference estimators and their extension to double sampling procedure. Sampling on successive occasions. Re-sampling methods (bootstrap and Jackknife). Quenouille's technique of bias reduction. Non-sampling Errors.

STA 818 STOCHASTIC PROCESSES 3 Units

Classification of stochastic processes. Random walk models, Markov chains, inventory model, branching processes. Poisson, birth-and-death processes. Waiting time models, Estimation problems.

STA 819 CATEGORICAL DATA ANALYSIS 3 Units

Probability mass functions for 2x2 tables measures of association for 2x2 tables and general cxc tables. Probability mass functions for rxc tables. Goodness of fit tests. Square tables and their applications structural models for two and higher dimensions; Log-linear models and estimate of parameters. Logistic regression and bio-assays.

STA 821 TIME SERIES ANALYSIS 3 Units

Discrete time series models. The classical model-AR, MA, ARMA and ARIMA. Stationary processes. Identification, fitting, diagnostic checking of models. Application of discrete time series models illustrated by transfer function estimation, multiple forecasting and intervention function estimation. Seasonal model application for forecasting.

STA 822 NON-PARAMETRIC INFERENCE 3 Units

Statistical procedures based on ranks, order statistics, signs, permutation and runs tests. Testing for randomness, symmetry and independence. Invariance and sufficiency reductions. Treatment of ties, Asymptotic, U-statistics, Chernoff-Savage theorem. Efficient of rank tests by pitman's and Bahadur's.

STA 823 BAYESIAN INFERENCE 3 Units

Sampling theory and its critique, subjective probability, likelihood principles, Bayes theorem, Bayesian analysis of Normal theory inference problems. The Behrens-fisher problem, assessment of model assumptions, Robustness of inference, Empirical Bayes, Some aspects of Multivariate problems. Sequential nature of Bayesian inference, prior and posterior distributions of parameters in Binomial, Poisson, Exponential and Normal populations. Comparison of two Normal distributions, Predictive distributions, Decision Theory, Utility, Risk aversion, Extensive form of analysis, Two action problems, Point Estimation Best Population problems, Economics of sampling.

STA 824 SEQUENTIAL ANALYSIS 3 Units

The Wald sequential probability ratio tests and various generalizations including tests of composite hypothesis. Non-parametric sequential estimation and confidence intervals. Bayes sequential procedures. Stochastic approximations. Optimal stopping rules.

STA 825 MULTIVARIATE ANALYSIS 3 Units

Fundamental Theory of Matrices and their properties. Multivariate Normal Distribution and associated multiple and partial correlation and regression theory. Hotelling's T^2 and Mahalanobis's D^2 . Wishart distribution. Test concerning mean vectors and variance co-variance matrices. Principal Component, Discriminant, Factor and Cluster analyses.

STA 826 DECISION AND GAMES THEORY 3 Units

Elements of Theory of Games; Rectangular game. Non-randomized and randomized strategies. Optimum strategies. Numerical and graphical methods for solution of games. Two-person, zero sum games and their geometric interpretations. Elements of Decision Theory: Relationship between Games Theory, Decision Theory and Statistical Inference. Bayes and Minimax Theorem. Unbiased and invariants decision rules. Optimal decisions.

STA 827 LONGITUDINAL AND SURVIVAL ANALYSIS 3 Units

Repeated measures design and analysis. H-F and G-G adjustments of F statistic. Profile, polynomial mean and other transformations; Applications in Ecology and Health Sciences. Introductory survival analysis and applications in veterinary/medical research. Practical applications with statistical software.

STA 828 ECONOMETRIC METHODS 3 Units

OLS, Gauss-Markoff Theorem. MLE specification and misspecification test. Predictive and non-predictive tests; Tests of hypothesis in the linear model. The likelihood ratio, the Wald and the Lagrange's multiplier tests, Multi-collinearity. Specification bias. GLS. Dummy variables and seasonal variations. Inferences about linear model based on asymptotic distribution theory.

STA 829 QUALITY CONTROL AND ITS MANAGEMENT 3 Units

Analysis and control of variations in a production process. Operating characteristic of a Control chart. Control charts for attributes and variables Cumulative sum control charts. Control charts based on weighted average. Methods of controlling several related characteristics. Process capability analysis. Economic design of control charts.

STA 832 ENVIRONMENTAL STATISTICS 3 Units

Scope, nature and sources of environmental statistics. Environmental impact assessment. Environmental Sampling; Models for Environmental Data; Analysis of Censored Data. Analysis of Toxicological Data; Risk Assessment; Introduction to Time Series Analysis; Introduction to Spatial Statistics; Environmental Extremes.

STA 834 BIostatISTICS 3 Units

Advanced Regression, Bio-assays, Probit and Logit models, Growth Curves; Logistic Regression, Potency/efficacy determination. Theory of clinical trials, Ethical Issues in Medical Data Collection.

STA 851 SEMINAR 2 Units

Individual work on a selected topic illustrating applications of some of the theories and techniques covered in the course

STA 871 RESEARCH PROJECT 6 Units

The research project will consist of a topic in Theoretical or Applied Statistics approved by the Department. There will be project defense which will amount to 30% of the total score.

MSc MATHEMATICS: COURSE DESCRIPTIONS

MTH 801: Algebraic Topology I 3 Units

Revisions on: group and ring theories, Sylow theorems, direct products, fundamental theorem of finite Abelian groups, field of quotients, Euclidean rings, Polynomial rings over commutative rings, inner product spaces. Review of categories and functors. Homology, fundamental group, covering spaces and transformation, simplicial complexes. Singular homology, Universal co-efficient theorem for homology and cohomology. Spectral sequence. Cup and cap products; duality in manifolds. Fiber spaces, bundles; and their homotopy and cohomology, Lefschetz fixed point theorem.

MTH 802: Complex Analysis (3 units)
Periodic functions, Weierstrass functions, elliptic curves, Modular forms. Algebraic functions, Riemann surfaces. Covering surfaces, covering transformations. Discontinuous groups of linear transforms, automorphic forms.

MTH 803: Topics in Group Theory (2 units)
Groups of prime-power order; the Burnside's problem; Π -separable and Π -solvable groups; free groups; free groups and Lie Algebras. The permutation modules of groups of prime-power order, Ascending and descending Lowery series.

MTH 804: Algebraic Topology II (2 units)
Revision on theory of modules, sub-modules, quotient modules, modules over principal ideal domains. Applications of finitely generated Abelian groups, field's extensions, Galois theory, solvability radicals. Homological algebraic tools. Homology and cohomology theories on various categories of topological spaces, computation of homology and cohomology groups of spheres, Projective spaces and other 'simple' spaces; applications of homology and cohomology theories. Euler characteristic and Euler formulas for polyhedral. Jordan separation theorems in \mathbb{R}^n and S^n , invariant of domain.

MTH 806: Lie Groups (2 units)
Lie groups and their Lie Algebras, subgroups. Matrix groups: One-parameter groups, exponential map, Campbell-Hausdorff formula, Lie algebra of a matrix group, integration on matrix groups. Abstract Lie groups.

MTH 807: Functional Analysis 1 (3 units)
Measures and Integration. Outer measure. Lebesgue Measure. Basic properties of Banach and Hilbert spaces. Operators, Duality. Basic theorems in functional analysis. Classical Banach Spaces. Spectral theory of Operators in Hilbert spaces. L_2 spaces as a Hilbert space. Banach algebras. Gelfand, Compact Operators. Examples and applications to classical analysis.

MTH 808: Group Representations (2 units)
Complete reducible and irreducible modules; simple and semi-simple algebras, Group rings; Representation of groups; Characters, induced Character, Frobenius reciprocity; Burnside's pq -theory; T.I sets and exceptional characters; Algebraic integration, modular representations

MTH 813: Advanced Mathematical Methods in Fluid Dynamics (3 units)
Construction of exact solutions to nonlinear problems. Regular and singular perturbation theory. Successive Differentiation Method, Homotopy Analysis Method, Weighted residual method. Differential Transform Method (DTM). Adomian Decomposition Method (ADM). Variational iterative method (VIM). Pade Approximation, R-K methods, Finite elements methods, with application to dynamics.

MTH 814: Viscous Flow Theory (3 units)
Physical properties and simple kinetic theory of gases. Navier-Stokes equations and exact solutions. Flow at small Reynolds number swimming of microscopic organism. Stokes flow and Oseen's Improvement. Lubrication theory and approximator, boundary layer theory—two dimensional boundary layers. Approximate methods of solutions. Unsteady boundary layers. Boundary layer separation and control.

MTH 816: Commutative Algebra (2 units)
Non-commutative rings; primitive rings, Jacobian radical, Artinian rings, Wedderburn theorems. Commutative rings; prime ideals, PID's and UFD's. Noetherian rings; Algebra integers, Basic properties of Dedekind domains. Basic properties of algebraic varieties. Dimension theory.

- MTH 818: Fluid Mechanics I** (3 units)
Thermodynamics Compressible flow; waves; sheeks; supersonic flow; Boundary layer Theory; stability; Turbulence.
- MTH 821: Ordinary Differential Equations I** (2 units)
Basic existence, uniqueness, continuation and continuous dependence results. Theory of linear equations and systems, stability theory; Poincare-Bendixson theory; qualitative theory. Non-linear equations. Regular eigenvalue problems.
- MTH 823: Electromagnetic Theory** (2 units)
Maxwell's Equations; Electromagnetic Potentials: Tensor Calculus; Stress and Energy; Electro-static and Magnetostatics, plane Waves, cylindrical and Spherical waves; Boundary Value Problems; Relativistic Kinematics and Lorentz Transformation: Electrodynamics.
- MTH 824: Partial Differential Equations** (2 units)
Basic examples of linear partial differential equation and their fundamental equations and solutions. Non-linear equations. Existence and regularity of solutions (local and global) of the Cauchy problem. Boundary value problems and mixed boundary value problems. Propagation of singularities; hypoellipticity, local solvability-Nirenbery-Treves condition.
- MTH 825: Mathematical Methods** (3 units)
Fourier integrals and relation to Fourier series. Properties of the Fourier transform. The Hypergeometric equation; expressible by Hypergeometric series. Asymptotic series. Euler transforms. Legendre functions, Bessel functions. Eigen-functions and their applications. Perturbation methods, gamma functions, Green's functions and Laplace transform.
- MTH 827: Ordinary Differential Equations II** (2 units)
Topics in differential equations in abstracts spaces; functional differential equations; oscillation theory; control theory; topics in non-linear ordinary differential equations and non-linear ordinary differential system.
- MTH 828: Partial Differential Equations II** (2 units)
Theory of Distribution; Test functions, support of distribution, operations on distributions. Tensor and convolution product. Tempered distributions and Fourier transforms. Sobolev spaces, imbedding theorems, weak formulation of elliptic Boundary value problems, Lax-Milgram theory and existence of solutions, variational formulation of elliptic problems, Ritz and Galerkin method applications.
- MTH 829: Quantum Mechanics I** (2 units)
Axioms of continuum and basic concepts. Constitutive Relations. Schrodinger equations; Stone's Theorem and its applications. Unitary transformations: Heisenberg representation: Measurement: Quantum Theory of Scattering; Angular Momentum. Motion in an external field; Base and Fermi Statistics: Perturbation Theory.
- MTH 831: Functional Analysis II** (2 units)
Introduction to theory of normed and topological vector spaces, Hahn-Banach and separation theorems. Dual spaces, polar topologies, MacksonArens theorems, Krein-Milman theorem. Hilbert spaces. Elements of Lebesgue integration. Banach algebras, compact theory Applications.
- MTH 836: Star-Like and Convex Univalent Functions** (2 units)

Analytic representations of star-like and convex univalent functions. Introduction to the class of functions with positive real parts. Some geometric properties of star-like and convex functions namely coefficient inequalities. Covering theorems. Growth theorems. Distortions. Integral representations and construction of examples.

MTH 837: Univalent Functions and Conformal Mappings I (2 units)

Theory of conformal mappings. Examples of conformal mappings. Rouché's theorem. Univalent functions as conformal mappings. Sequences of univalent functions. Riemann Mapping Theorem. Univalent functions in the unit disk. Normalization of univalent mappings. Sufficient ambivalence conditions.

MTH 838: Univalent Functions and Conformal Mappings II (2 units)

Transformations preserving the class of normalized univalent functions. Area theorem. Some geometric properties of normalized univalent functions. Namely coefficient inequalities. Covering Theorems. Growth theorems. Distortions. Integral means and arc length of the range of univalent mapping of the unit disk.

MTH 839: Maximum Modulus Theorem (2 units)

Real and imaginary parts of analytic functions. Modulus of analytic functions. Maximum Modulus theorem for analytic functions. Schwarz's theorem. Mean values of modulus of analytic functions. Applications of the Maximum Modulus theorem in theory of geometric functions.

MTH 840: Visco-Elasticity and Plasticity (3 units)

Characteristics of various Visco-elastic and Plastic materials, Basic equations. Boundary Value Problems. Elastic-plastic problems.

MTH 841: Mathematical Modeling I (2 units)

The art of transforming real life situations into mathematical statements, Examples will be drawn from areas such as Biology, Business, Deformable Media, Industry and other dynamic systems. Case studies.

MTH 846: Introduction to Biomathematics (2 units)

The construction, analysis and interpretation of mathematical models of ecology. Birth and death processes, logistic growth, interspecies competition, prey predator interaction etc. Use of life tables to estimate parameters and formulate age-dependent models. Comparison of deterministic and stochastic models.

MTH 848: Mathematical Modeling II (2 units)

Models chosen from learning perception, development, cognition, and motor control. Derivation of physical mechanisms from physiological postulates expressing environmental evolutionary pressures. Analysis of postulates, data, predictions, mathematics of comparative analysis of classical and modern theories and techniques.

MTH 861: Optimization I (2 units)

Optimization problems. Iterative methods of optimization. Method of least squares. Contraction mapping theorem. Newton's, Quasi-Newton's methods. Steepest-descent methods. CGN algorithm. Function space algorithm, variable metric algorithm. Convergence analysis of these methods. Applications.

MTH 862: Optimization II (3 units)

Equality and inequality constraints. Unconstrained minimization: Pontryain's and Hamilton's principles. Extremization of integrals. Sensitivity analysis. Penalty Methods. Research Projection methods and applications to optimal central problems.

MTH 864: Optimization III

(2 units)

The Basic Principles of Dynamics and Control: Transfer Functions and State Space, Basic Control Architecture. PID Design Examples, Performance and Robustness Measures. Design Tradeoffs: Regulation, Stabilization, Tracking and State Feedback. Common Challenges: Nonlinearity, Adaptive Control, Model Predictive Control, and Time Delays.

MTH 868: Theory of Distributions

(2 units)

The dirac delta function, notion of distributions as generalised functions, measures. Supports, of distributions, the space D of test functions; convergence of distributions; localization; distributions with compact support. Derivation, distributions of finite order, multiplication of distributions, bilinear maps, tensor products, convolution, and regularization of distributions, the space of rapidly decreasing functions, tempered distributions, Fourier transforms of tempered distributions. Applications to differential operators, Sobolev theorem.

MTH 873: Numerical Analysis I

(2 units)

Numerical solution of algebraic equations: Direct methods and iterative methods. Solution of non-linear equations: one-point iterative methods, Newton's and Brain's methods, convergence of these methods, multi-step iteration formulae, secant methods, gradient methods, bracketing methods; convergence and stability of these methods; applications. Eigen-value problems.

MTH 875: Numerical Analysis II

(2 units)

Numerical solution of ordinary differential equations, initial-value and boundary value problems; higher order one-step methods of Taylor series, R-K methods, convergence and stability of these methods, multi-step methods. Adam-Moulton's Methods, prediction corrector methods, stability of these methods. Shooting methods and methods for stiff equations.

MTH 876: Numerical Analysis III

(2 units)

Partial differential equations, classification, boundary value and initial value problems. Parabolic equation; solution techniques explicit, Fourier stability and matrix methods, stability and convergence analysis. ADI methods, Block iteration and SOR methods, convergence and stability of these methods. Hyperbolic equation: solution techniques by method of characteristics, explicit-implicit methods, Hospscotch methods, convergence and stability analysis.

MTH 878: Numerical Analysis IV

(2 units)

This course will cover various aspects of approximation and interpolation theory, finite element method and finite boundary method.

MTH 881: Harmonic Analysis I

(2 units)

Topological groups, locally compact (abelian) groups (LCA -groups), characters. The 1-torus and its isomorphism properties, Fourier analysis on 1-torus, Fourier analysis on locally compact abelian groups, Haar measures, convolutions, dual groups and Fourier transforms, positive definite functions, the inversion theorems, Plancherel's theorem, Pontryagin's duality theorem, Bohr compactification. Lebesgue integrable functions over LCA groups.

MTH 882 Harmonic Analysis II

(2 units)

Smoothness and function spaces; smooth Functions and tempered distributions, Sobolev and Lipschitz spaces, Hardy Spaces, Besov Spaces, and Triebel–Lizorkin Spaces, maximal functions, Calderon-Zygmund operators (CZO), CZ- decompositions, the Hilbert transform, Littlewood-Paley theory, Hardy spaces, BMO and Carleson measures, Cauchy integrals, singular integral operators, Carleson-Hunt theorems and applications.

MTH 896: Research Seminar

(2 units)

Master's candidates are expected to give an in-house departmental oral presentation. The seminar should normally constitute a summary of the candidate's research work in preparation for the College of Postgraduate Studies seminar on the Master's dissertation.

MTH 898: Research Project

(6 units)

The Master's candidate is expected to undertake a research project of interest in any field of Mathematics and the results of such project written as a Master's Dissertation in the format specified by the School of Postgraduate Studies.

7.2 MPhil

7.2.1 MPhil Statistics

STA 811 STATISTICAL INFERENCE

(3 Units)

Elements of Theory of statistical games and decision. Reduction of decision problems into problems of statistical inference. Minimax and admissible decision rules. Methods of estimation. Lehman Scheffe Theorem. Invariance. Confidence sets. Large sample theory for confidence bounds. Neyman-Pearson Lemma. Construction of tests: MP, UMP, UMPU, UMPI and likelihood ration criterion with their applications. Invariant and minimax tests.

STA 812 DISTRIBUTION THEORY

3 Units

Univariate and bivariate cases including compound, generalized and modified distributions, Negative multinomial, Multivariate hypergeometric, Multivariate logarithmic series. Multivariate Neymar Type A, Dirichlet (B-) Compound Negative Multinomial, Weibull and non-central distributions

STA 813 PROBABILITY I

3 Units

Introduction to measure theoretic probability; derivation and transformation of probability distribution. Generating functions and characteristic functions. Conditional expectations, sufficiency and unbiased estimation. Strong law of large numbers. Convergence theorems in probability and probability distributions. Central limit theorems for iid and correlated random variables. Conditional probability measures and expectation.

STA 814 STATISTICAL COMPUTING AND CONSULTING

3 Units

Methods of simulation of random processes, numerical methods for linear models, introduce students to key aspects of statistical consulting and data analysis activities. Problem solving and real applications; data analysis, reports presentations. Use of mathematical and statistical software.

STA 815 DESIGN AND ANALYSIS OF EXPERIMENT

3 Units

Basic ideas and assumptions. General Linear Models; Generalized inverse of a matrix. Factorial experiments; Symmetric and Asymmetric; Balanced and Partially Balanced Incomplete Block Designs. Resolvable, Group Divisible, Connected, Lattice designs. Row-Column designs; Latin squares, Lattice, Youden, Cross-over designs. Response Surface methodology. Construction of designs.

- STA 816 SAMPLING TECHNIQUES 3 Units**
 Review of basic sampling theories and designs. Sampling with varying probabilities. Use of auxiliary information; multivariate ratio, regression and difference estimators and their extension to double sampling procedure. Sampling on successive occasions. Re-sampling methods (bootstrap and Jackknife). Quenouille's technique of bias reduction. Non-sampling Errors.
- STA 818 STOCHASTIC PROCESSES 3 Units**
 Classification of stochastic processes. Random walk models, Markov chains, inventory model, branching processes. Poisson, birth-and-death processes. Waiting time models, Estimation problems.
- STA 819 CATEGORICAL DATA ANALYSIS 3 Units**
 Probability mass functions for 2×2 tables measures of association for 2×2 tables and general $c \times c$ tables. Probability mass functions for $r \times c$ tables. Goodness of fit tests. Square tables and their applications structural models for two and higher dimensions; Log-linear models and estimate of parameters. Logistic regression and bio-assays.
- STA 821 TIME SERIES ANALYSIS 3 Units**
 Discrete time series models. The classical model-AR, MA, ARMA and ARIMA. Stationary processes. Identification, fitting, diagnostic checking of models. Application of discrete time series models illustrated by transfer function estimation, multiple forecasting and intervention function estimation. Seasonal model application for forecasting.
- STA 822 NON-PARAMETRIC INFERENCE 3 Units**
 Statistical procedures based on ranks, order statistics, signs, permutation and runs tests. Testing for randomness, symmetry and independence. Invariance and sufficiency reductions. Treatment of ties, Asymptotic, U-statistics, Chernoff-Savage theorem. Efficient of rank tests by pitman's and Bahadur's.
- STA 823 BAYESIAN INFERENCE 3 Units**
 Sampling theory and its critique, subjective probability, likelihood principles, Bayes theorem, Bayesian analysis of Normal theory inference problems. The Behrens-fisher problem, assessment of model assumptions, Robustness of inference, Empirical Bayes, Some aspects of Multivariate problems. Sequential nature of Bayesian inference, prior and posterior distributions of parameters in Binomial, Poisson, Exponential and Normal populations. Comparison of two Normal distributions, Predictive distributions, Decision Theory, Utility, Risk aversion, Extensive form of analysis, Two action problems, Point Estimation Best Population problems, Economics of sampling.
- STA 824 SEQUENTIAL ANALYSIS 3 Units**
 The Wald sequential probability ratio tests and various generalizations including tests of composite hypothesis. Non-parametric sequential estimation and confidence intervals. Bayes sequential procedures. Stochastic approximations. Optimal stopping rules.
- STA 825 MULTIVARIATE ANALYSIS 3 Units**
 Fundamental Theory of Matrices and their properties. Multivariate Normal Distribution and associated multiple and partial correlation and regression theory. Hotelling's T^2 and Mahalanobis's D^2 . Wishart distribution. Test concerning mean vectors and variance co-variance matrices. Principal Component, Discriminant, Factor and Cluster analyses.
- STA 826 DECISION AND GAMES THEORY 3 Units**
 Elements of Theory of Games; Rectangular game. Non-randomized and randomized strategies. Optimum strategies. Numerical and graphical methods for solution of games. Two-person, zero sum games and

their geometric interpretations. Elements of Decision Theory: Relationship between Games Theory, Decision Theory and Statistical Inference. Bayes and Minimax Theorem. Unbiased and invariants decision rules. Optimal decisions.

STA 827 LONGITUDINAL AND SURVIVAL ANALYSIS 3 Units
Repeated measures design and analysis. H-F and G-G adjustments of F statistic. Profile, polynomial mean and other transformations; Applications in Ecology and Health Sciences. Introductory survival analysis and applications in veterinary/medical research. Practical applications with statistical software.

STA 828 ECONOMETRIC METHODS 3 Units
OLS, Gauss-Markoff Theorem. MLE specification and misspecification test. Predictive and non predictive tests; Tests of hypothesis in the linear model. The likelihood ratio, the Wald and the Lagrange's multiplier tests, Multi-collinearity. Specification bias. GLS. Dummy variables and seasonal variations. Inferences about linear model based on asymptotic distribution theory.

STA 829 QUALITY CONTROL AND ITS MANAGEMENT 3 Units
Analysis and control of variations in a production process. Operating characteristic of a Control chart. Control charts for attributes and variables Cumulative sum control charts. Control charts based on Weighted average. Methods of controlling several related characteristics. Process capability analysis. Economic design of control charts.

STA 832 ENVIRONMENTAL STATISTICS 3 Units
Scope, nature and sources of environmental statistics. Environmental impact assessment. Environmental Sampling; Models for Environmental Data; Analysis of Censored Data. Analysis of Toxicological Data; Risk Assessment; Introduction to Time Series Analysis; Introduction to Spatial Statistics; Environmental Extremes.

STA 834 BIostatISTICS 3 Units
Advanced Regression, Bio-assays, Probit and Logit models, Growth Curves; Logistic Regression, Potency/efficacy determination. Theory of clinical trials, Ethical Issues in Medical Data Collection.

7.2.2 MPhil. Mathematics

MTH 851 – Topics in Functional Analysis 3 units
Normed vectors Spaces, Inner product Spaces, Linear transformation, Banach Spaces, Hilbert Spaces, Symmetric, Selfadjoint, Unitary Transformation on Hilbert Spaces, Elements of Lebesgue integration, L_2 - Space as a Hilbert Space, Green's Functions, Fredholm's Alternatives, Introduction to the Theory of Distributions, Contraction Mapping Theorem. Applications in Industry. Hahn-Banach and separation theorems. Dual spaces, polar topologies, Mackson Arens theorems, Krein-Milman theorem. Banach algebras, compact theory Applications

MTH 852 – Research Methods in Mathematics 3 Units
Fundamental principles of research in mathematics: Originality, creativity and independent thinking; identifying research topics. Reading and understanding specialized literature. Literature review: identification of current issues in contemporary mathematics. Problem-solving: analysis and synthesis; computational techniques. Writing scientific papers; ethical issues; intellectual property rights.

MTH 853 – Mathematical Methods 3 Units
Difference, Differential, Functional and Integral Equations, Green's Functions and Conversion to Integral Equations of Partial Differential Equations, Cauchy Problems, Riemann's Method, Fundamental Solution to Laplace, Wave and Heat Equations, Transforms, Asymptotic Methods, Calculus of Variations, Non-Linear Problems.

MTH 854 - Mathematical Package(s)**3 Units**

At least, one mathematical software among MatCard, MatLab, Mathematica, etc will be used in solving various mathematical problems using various facilities and toolboxes in the package. Practical applications are to be emphasized from various areas of mathematics such as differential equations, financial and numerical analysis, simulation, modeling etc.

MTH 855 - Lie Groups and Lie Algebras**3 Units**

Lie algebras, subalgebras and ideals; Representations; Solvable Lie algebras; Trace and Killing forms, Lie groups; Differentiable manifolds and maps; Tangent spaces and tangent maps; Cotangent spaces and cotangent maps; Vector fields; Differential forms; The Lie algebra associated with a Lie group; The exponential map; Actions of Lie groups; Example and Applications in Robot Kinematics.

MTH 856 -- Banach Algebras**3 Units**

Fundamentals, The radical, semi-simplicity and structure spaces, Commutative Banach algebras, Algebras with an involution: Miscellaneous properties of *-algebras, Commutative *-algebras, *-Representations on Hilbert space, General properties of B*-algebras, Structure of ideals and representations of B*-algebras, Banach*-algebras with minimal ideals, Examples and Applications.

MTH 857 – Differential Equations**3 Units**

Topics from, Differential Equations in abstract spaces; Functional Differential Equations, Oscillation Theory, Control Theory. Theory of Distribution; Test functions, support of distribution, operators on distributions, Tensor and convolution products, Tempered distributions and Fourier transforms. Sobolev spaces; imbedding theorems, weak formulation of elliptic Boundary value problems, Lax-Milgram theory and existence of solutions.

MTH 858 – Integral Equations**3 Units**

Basic existence theorems, Equations with L_2 -kernels, Fredholm Theory; Nonlinear equations, Schauder fixed point theorem, Dual integral and series equations, Wiener-Hopf equations and Technique. Singular integral equation, Applications.

MTH 859 – Numerical Solution of Ordinary Differential Equations**3 Units**

Review of basic numerical principles. Roots of algebraic equation. Solutions of system of algebraic equations. Numerical Solutions of Ordinary Differential Equations: One-step methods, Linear Multi-step methods, stability, consistency, truncation error and order, convergence. Hybrid methods, Predictor-corrector methods, Runge-Kutta methods. First Order Systems and Problems of Stiffness. Gear's methods and their implementation. Boundary-value problems: shooting methods, matrix methods and collocation.

MTH 830 – Numerical Solution of Partial Differential Equations 3 Units

Partial Differential Equations: Elliptic, Parabolic, and Hyperbolic Systems. Quadrature Methods of solution in Differential Equations. Chebyshev and other orthogonal polynomials in numerical analysis. Special topics. Applications.

MTH 833 – Mathematical Methods in Economics**3 Units**

General equilibrium Techniques (input-Output Model, Stochastic Optimal Control etc). Convex Analysis Functions, Stabilization of Economics, Location theory. Optimal Steady-State Behaviour of an Economy with Stochastic Production and Resources. Net Present Value, Internal Rate of Return and Return on Investment, etc. Capital Market Theory. Measures of Risk and Uncertainty Applied to Investment Decision Making.

MTH 832 – Mathematics of Finance**3 Units**

The financial market model. European options. American options. Forwards. Futures. Pricing claims in a complete market. No-arbitrage theorem. Risk-neutral pricing. Change of numeraire. The generalized Black-Scholes model: pricing and hedging contingent claims. Greeks. Examples of financial market models. Topics in currency exchange. Interest rate theory. Insurance. Simulations.

MTH 834 - Mathematical Ecology and Biology**3 Units**

Mathematical ecology and biology introduces the applied mathematician to practical applications of the subject, particularly in situations where continuous models are appropriate, and where these may be modeled by differential equations, either ordinary or partial. Biology is ideally suited to do this at a reasonably introductory level, and apart from the variety of applications in ecology, genetics, biology, immunology, epidemiology and physiology, the course will bring out the way in which the common applied mathematical themes of stability, wave propagation, oscillations, extinction, hysteresis and excitability occur in all these subjects. Discrete and continuous population models, predator-prey systems, harvesting. Enzyme reactions, glycolytic oscillations. Genetics; wave phenomena, signal propagation in nerve cells. Pattern formation; epidemiological and immunological models.

8.0 ACADEMIC STAFF LISTING

S/N	NAMES	AREA OF SPECIALISATION	DISCIPLINE	QUALIFICATIONS	RANK
1.	Dr. S. O. Adesanya	Mathematical Modeling, Fluid Dynamics	Mathematics	BSc., MSc., PhD	Reader & Ag. Head of Department
2.	Prof. K. S. Adekeye	Statistical Quality Control	Statistics	BSc., MSc., PhD	Professor
3.	Professor. S. A. Arekete (Associate)	Artificial Intelligence and Mobile Agents	Computer Science	BSc., MSc., PhD	Professor
4.	Dr. S. A. Alayande	Time Series. Econometrics, Computational Statistics and Bio-Statistics	Statistics	BSc., MSc., PhD	Reader
5.	Dr. A. S. Onanaye	Control Problems, Optimization, Operations Research	Mathematics	BSc. Ed., MSc., PhD	Reader
6.	Dr. D. M. Okewole	Applied Bayesian Econometrics, Bio-Statistics and Statistical Education	Statistics	BSc., MSc., PhD	Senior Lecturer
7.	Dr. O. J. Adeleke	Optimization and Industrial Mathematics	Mathematics	BSc., MSc., PhD	Senior Lecturer
8.	Dr S. O. Omoyele (Associate)	Management and Entrepreneurship	Business Administration	BSc., MSc., PhD	Lecturer I
9.	Dr. O. S. Adesina	Mathematical Statistics, Computational Statistics and Machine Learning	Mathematic, Data Science, Statistics	BSc, MSc., PhD	Lecturer II
10.	Dr. Mrs. O. E. Davids	Complex Analysis	Mathematics	B.Sc. MSc. PhD	Lecturer II

CHAPTER TWENTY-THREE

DEPARTMENT OF PHYSICAL SCIENCES

1.0 PHILOSOPHY OF THE PROGRAMME

The philosophy of the University is to produce practical-oriented graduates with the state-of-the-art technological skills geared towards providing solutions to real-world problems. In line with this philosophy, the Department offers postgraduate studies with a variety of experience in the following fields of specialization namely: Communication Physics, Electrical Measurements and Instrumentation, Space Physics, Communication Physics, Lower Atmospheric Physics, Theoretical and Computational Physics, Condensed Matter Physics, Radiation and Health Physics. Geophysics and Solar Energy Physics. All the programmes have been carefully designed to give students the required academic and practical experiences in applied Physics, with particular emphasis on certain fields which are relevant to the economic and technological development of the country while also addressing global sustainable developmental goals.

The objectives of the programme are to:

- (a) Impart in the students the fundamentals of the main branches of physics
- (b) Provide students with opportunity for integrating theoretical and practical physics in all branches of the discipline.
- (c) Equip students with capability for research and development in all areas of theoretical and applied physics.

2.0 HISTORY OF THE DEPARTMENT

The Department of Physical Sciences was one of the pioneer departments in the University when it was established in 2005. Thus, like the University, the department has a pretty checkered history. Having gone through the initial teething problems, the department has continued to wax stronger by the day following the strong foundational academic leadership provided by Professor (Emeritus) L. B. Kolawole who was at the helm of affairs. With the completion of the Bachelor of Science degrees in October 2010 by the first set of her alumni, the department was also one of the few departments that commenced postgraduate programmes at all levels in the University in 2012. In 2017, the department became the first department to produce a PhD graduate in the Faculty of Natural Sciences and since then, many other MSc and doctoral candidates have graduated from the department. Having taken over from Dr. A. A. Willoughby who acted as Head of Department between 2018 and 2020, the postgraduate programme in the department is waxing stronger with the leadership provided by the Prof. U. E. Vincent, who became the Head of Department in 2021.

3.0 AREA(S) OF SPECIALISATION

At all the postgraduate studies levels, candidates may specialized in any of the following areas:

- i. Electronic Measurement and Instrumentation

- ii. Condensed Matter/Solid State Physics
- iii. Theoretical and Computational Physics
- iv. Communication Physics
- v. Space Weather Physics
- vi. Lower Atmospheric Physics
- vii. Radiation and Health Physics
- viii. Solar Energy Physics
- ix. Solid Earth Physics/Geophysics

4.0 TYPES OF PROGRAMMES AND DURATIONS

4.1 MASTERS OF SCIENCE (MSc)

The MSc shall be for a minimum period of 18 months (three semesters) and a maximum period of 32 months (six semesters). The first two semesters shall be by course work and examinations. The third semester shall be by dissertation based on a research proposal submitted and approved at the end of the second semester.

4.2 MASTER OF PHILOSOPHY (MPhil) AND MPhil/ PhD

The MPhil and MPhil/PhD programmes shall be for a minimum period of 12 months (two semesters) and a maximum period of 18 months (three semesters).

4.4 DOCTOR OF PHILOSOPHY (PhD)

- (i) The PhD shall normally be required to spend between 36 and 48 months for full-time candidates and between 48 and 72 months for part-time candidates.
- (iii) Part-time doctoral programme shall run for a minimum of 8 semesters and a maximum of 10 semesters.
- (iv) Extension beyond the specified maximum period shall be on the recommendation of the Postgraduate Board and approval of the University Senate.

4.5 MODE OF PROGRAMME

All the postgraduate programmes in the department shall be Full-time or Part-time.

5.0 ADMISSION REQUIREMENTS

Candidates must satisfy the general regulations governing admission into postgraduate studies at the Redeemer's University. In addition, the departmental requirements stated below should be met.

5.1 MSc PROGRAMME

- (a) A candidate must have at least five (5) credit passes at 'O' level, including English Language, Mathematics, and Physics.
- (b) A candidate with at least a Second Class (Lower Division) B.Sc. Degree in Physics with Electronics of the Redeemer's University or any other recognized University is eligible for

admission. However, candidates from any other university may be required to offer lower-level courses which are relevant to their areas of specialization.

- (c) Candidates must demonstrate adequate intellectual capacity, good communication skills, maturity, and ability to make effective independent decisions.

5.2 MPhil PROGRAMME

Candidates who did not obtain the required 60% minimum weighted average score upon completion of the MSc degree programme in Physics from Redeemer's University or any other recognized university but had a weighted average score between 50 to 54.99% may be considered for admission into the MPhil/PhD degree programme provided he/she meets other requirements for admission into the master degree programme and demonstrates exceptional research skill. Such candidates be required to take some courses at the MSc level as may be recommended by the Departmental Postgraduate Committee. The number of units must not be less than the minimum of 16 Units and a maximum of 22 units, which include 6 units of dissertation as prescribed in the general regulations for MPhil programme.

5.3 MPhil/PhD PROGRAMME

Candidates who did not obtain the required 60% minimum weighted average score upon completion of the MSc degree programme in Physics from Redeemer's University or any other recognized university but had a weighted average score between 55 to 59.99% may be considered for admission into the MPhil/PhD degree programme provided he/she meets other requirements for admission into the master degree programme and demonstrates exceptional research skill.

5.4 PhD PROGRAMME

- (a) A candidate must have five (5) credit passes including English Language, Mathematics and Physics at 'O' Level.
- (b) Candidates for the PhD degree should have obtained the MSc degree in Physics from Redeemer's University or any other recognized university with a weighted average score of 60%.
- (c) All candidates must demonstrate adequate intellectual capacity, good communication skill, maturity and ability to make effective independent decisions.
- (d) Candidates with MPhil/PhD or MSc/PhD grades in Physics from Redeemer's University or any other recognized universities may also be considered for admission provided she/he demonstrates exceptional research skill. The candidate would however be required to take some relevant MSc. courses.

6.0 GRADUATION REQUIREMENTS

6.1 MSc PROGRAMME

In addition to satisfying other University regulations,

- (i) All compulsory courses must be offered and passed.
- (vi) A minimum weighted score of 50% must be obtained;
- (vii) All master's degree students are required to present two seminars before graduation.

- (viii) A dissertation describing the original work carried out while studying for the degree and written in the format specified by the College of Postgraduate Studies must be submitted and defended.
- (ix) A minimum of 38 units are required for graduation.

6.2 MPhil PROGRAMME

In addition to satisfying other University regulations, a candidate shall be required to register for and pass a minimum of 16 Units and a maximum of 22 units relevant to the candidate's area of specialization. This include 6 units of dissertation which shall be examined by an External Examiner following the process as stipulated for the Masters' programme. For candidates who did not obtain their MSc degrees from Redeemer's University, the required units include the Faculty of Natural Sciences compulsory courses, namely, SCI 801 and SCI 802.

A candidate shall be required to register for and pass a minimum of 16 Units and a maximum of 22 units, which include 6 units of dissertation (PHY 900)

A candidate shall be considered to have passed MPhil Programme if the candidate obtains a minimum score of 50% and shall be awarded MPhil Certificate.

A candidate who obtains 60% in his/her MPhil Degree shall be eligible to apply for admission to PhD.

6.3 MPhil/PhD PROGRAMME

MPhil/PhD candidates may be required to register for course work as recommended by the Departmental and Faculty Post Graduate Committee. Candidate who did not obtain their MSc degrees from Redeemer's University must register for and pass the Faculty of Natural Sciences compulsory courses, namely, SCI 801 and SCI 802 before graduation.

He/she shall present an acceptable research proposal and preliminary results.

The candidate shall undergo a conversion examination to be conducted by an examination panel approved by the College of Postgraduate Studies.

The examination panel shall consist of the Head of Department as the Chief Examiner, Department and/ faculty Post Graduate Coordinators, Representative of the Faculty Post Graduate studies, Supervisor and Internal/External examiner.

The candidate shall be required to score a minimum of 60% to proceed to PhD.

A candidate who fails to meet the required minimum of 60% to proceed to PhD shall complete his/her dissertation and be awarded MPhil degree provided that the candidate scored a minimum of 50%.

A candidate who fails to proceed within the immediate session shall be required to re-apply.

6.4 PHD PROGRAMME

In addition to satisfying other University regulations,

- (i) All doctoral students are required to present three (3) seminars before graduation.
- (ii) All doctoral students are required publish at least 2 peer-reviewed articles in reputable journals indexed in Scopus/ISI Web of Science.
- (iii) A thesis describing the original work carried out while studying for the degree and written in the format specified by the College of Postgraduate Studies must be submitted and defended.
- (iv) Doctoral students who did not obtain their MSc degrees from Redeemer's University must register for and pass the Faculty of Natural Sciences compulsory courses, namely, SCI 801 and SCI 802 before graduation.

7.0 COURSE REQUIREMENTS/STRUCTURE

(i) MSc in Electronic Measurement and Instrumentation

FIRST SEMESTER

COURSE CODE	COURSE TITLE	UNITS
PHY 801	Methods of Mathematical Physics	3
PHY 803	Electrodynamics	3
PHY 805	Quantum Mechanics	3
PHY 807	Computational Physics	3
SCI 801	ICT and Research Methodology	2
	Elective	3
	TOTAL	17

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 817	Digital Electronics	3
PHY 845	Analysis of Data	3

SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNITS
PHY 804	Advanced Laboratory and Experimental Techniques	2
PHY 806	Electronic Measurements and Instrumentation	3
PHY 820	Advanced Electronics	3
PHY 860	Seminar	2
SCI 802	Management and Entrepreneurship	2
	Elective	3
	TOTAL	15

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 810	Technology and Fabrication of semiconductor Devices	3
PHY 818	Control Systems Techniques	3
PHY 830	Statistical Mechanics	3
PHY 838	Technology of Semiconductor Materials	3

THIRD SEMESTER

PHY 899	Master's Dissertation Research Project	6 UNITS
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(ii) MSc in Communication Physics**FIRST SEMESTER**

COURSE CODE	COURSE TITLE	UNITS
PHY 801	Methods of Mathematical Physics	3
PHY 803	Electrodynamics	3
PHY 805	Quantum Mechanics	3
PHY 807	Computational Physics	3
SCI 801	ICT and Research Methodology	2
	Elective	3
	Total	17

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 817	Digital Electronics	3
PHY 845	Analysis of Data	3

SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNITS
PHY 804	Advanced Laboratory and Experimental Techniques	2
PHY 814	Radio wave Propagation	3
PHY 816	Antenna Theory	3
PHY 860	Seminar	2
SCI 802	Management and Entrepreneurship	2
	Elective	3
	Total	15

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 830	Statistical Mechanics	3
PHY 834	Satellite Technology	3
PHY 852	Ionospheric Physics	3
PHY 856	Space Physics	3
PHY 858	Satellite Imagery	3

THIRD SEMESTER

PHY 899	Master's Dissertation Research Project	6 UNITS
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(iii) MSc in Space Weather

FIRST SEMESTER

COURSE CODE	COURSE TITLE	UNITS
PHY 801	Methods of Mathematical Physics	3
PHY 803	Electrodynamics	3
PHY 805	Quantum Mechanics	3
PHY 807	Computational Physics	3
SCI 801	ICT and Research Methodology	2
	Elective	3
	Total	17

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 817	Digital Electronics	3
PHY 845	Analysis of Data	3

SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNITS
PHY 804	Advanced Laboratory and Experimental Techniques	2
PHY 850	Planetary Atmospheres	3
PHY 852	Ionospheric Physics	3
PHY 860	Seminar	2
SCI 802	Management and Entrepreneurship	2
	Elective	3
	Total	15

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 830	Statistical Mechanics	3
PHY 854	Physics of Geomagnetic Phenomenon	3
PHY 856	Space Physics	3
PHY 858	Satellite Imagery	3

THIRD SEMESTER

PHY 899	Master's Dissertation Research Project	6 UNITS
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(iv) MSc in Lower Atmospheric Physics

FIRST SEMESTER

COURSE CODE	COURSE TITLE	UNITS
PHY 801	Methods of Mathematical Physics	3
PHY 803	Electrodynamics	3
PHY 805	Quantum Mechanics	3
PHY 807	Computational Physics	3
SCI 801	ICT and Research Methodology	2
	Elective	3
	Total	17

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 817	Digital Electronics	3
PHY 845	Analysis of Data	3

SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNITS
PHY 804	Advanced Laboratory and Experimental Techniques	3
PHY 840	Physics of the lower Atmosphere	3
PHY 842	Fluid dynamics	3
PHY 860	Seminar	2
SCI 802	Management and Entrepreneurship	2
	Elective	3
	Total	15

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 830	Statistical Mechanics	3
PHY 844	Atmospheric Radiation	3
PHY 852	Ionospheric Physics	3
PHY 850	Planetary Atmospheres	3
PHY 858	Satellite Imagery	3

THIRD SEMESTER

PHY 899	Master's Dissertation Research Project	6 UNITS
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(v) **MSc in Theoretical and Computational / Condensed Matter Physics**

FIRST SEMESTER

COURSE CODE	COURSE TITLE	UNITS
PHY 801	Methods of Mathematical Physics	3
PHY 803	Electrodynamics	3
PHY 805	Quantum Mechanics	3
PHY 807	Computational Physics	3
SCI 801	ICT and Research Methodology	2
	Elective	6
	Total	20

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 809	Properties of Materials (Solid State Theory I)	3
PHY 813	Laboratory in Computational Physics	3
PHY 817	Digital Electronics	3
PHY 845	Analysis of Data	3

SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNITS
PHY 804	Advanced Laboratory and Experimental Techniques	2
PHY 808	Advanced Computational Physics	3
PHY 830	Statistical Mechanics	3
PHY 860	Seminar	2
SCI 802	Management and Entrepreneurship	2
	Elective	6
	Total	18

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 802	Solid State Theory II	3
PHY 818	Control Systems Technique	3
PHY 832	Atomic and Molecular Theory	3
PHY 836	Nonlinear Dynamics and Chaos	3
PHY 842	Fluid dynamics	3
PHY 846	Synchronization and Control Theory	3

THIRD SEMESTER

PHY 899	Master's Dissertation Research Project	6 UNITS
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(vi) MSc in Radiation and Health Physics**FIRST SEMESTER**

COURSE CODE	COURSE TITLE	UNITS
PHY 801	Methods of Mathematical Physics	3
PHY 803	Electrodynamics	3
PHY 805	Quantum Mechanics	3
PHY 807	Computational Physics	3
SCI 801	ICT and Research Methodology	2
	Elective	3
	Total	17

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 817	Digital Electronics	3
PHY 845	Analysis of Data	3

SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNITS
PHY 804	Advanced Laboratory and Experimental Techniques	3
PHY 822	Radiation Detection and spectroscopy	3
PHY 824	Advanced Nuclear and Energy Physics	3
PHY 860	Seminar	2
SCI 802	Management and Entrepreneurship	2
	Elective	5
	Total	18

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 826	Radiation Biology	2
PHY 848	Nuclear Applications in Medicine, Industry and Research	2
PHY 830	Statistical Mechanics	3
PHY 832	Atomic and Molecular Theory	3
PHY 862	Radiation Protection Guides	2
PHY 864	Non-Ionising Radiation	2

THIRD SEMESTER

PHY 899	Master's Dissertation Research Project	6 UNITS
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(vii) MSc in SOLID EARTH PHYSICS/GEOPHYSICS

FIRST SEMESTER

COURSE CODE	COURSE TITLE	UNITS
PHY 801	Methods of Mathematical Physics	3
PHY 803	Electrodynamics	3
PHY 805	Quantum Mechanics	3
PHY 807	Computational Physics	3
PHY 815	Physics of the Earth's Interior	3
SCI 801	ICT and Research Methodology	2
	Elective	3
	Total	20

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 817	Digital Electronics	3
PHY 845	Analysis of Data	3

SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNITS
PHY 804	Advanced Laboratory and Experimental Techniques	2
PHY 820	Advanced Electronics	3
PHY 860	Seminar	2
PHY 872	Methods and Techniques of Geophysical Prospecting	3
PHY 874	Laboratory and Field Experiments in Geophysics	3
SCI 802	Management and Entrepreneurship	2
	Elective	3
	Total	18

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 806	Electronic Measurements and Instrumentation	3
PHY 854	Physics of Geomagnetic Phenomena	3
PHY 870	Rock Physics	3

THIRD SEMESTER

PHY 899	Master's Dissertation Research Project	6 UNITS
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(vii) SOLAR ENERGY PHYSICS**FIRST SEMESTER**

COURSE CODE	COURSE TITLE	UNITS
PHY 801	Methods of Mathematical Physics	3
PHY 803	Electrodynamics	3
PHY 805	Quantum Mechanics	3
PHY 807	Computational Physics	3
PHY 861	Introduction to Renewable Energy	2
SCI 801	ICT and Research Methodology	2
	Elective	3
	Total	19

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 817	Digital Electronics	3
PHY 845	Analysis of Data	3

SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNITS
PHY 804	Advanced Laboratory and Experimental Techniques	2
PHY 820	Advanced Electronics	3
PHY 860	Seminar	2
PHY 866	Solar Energy Physics	2
PHY 868	Solar Photovoltaic Electricity	3
SCI 802	Management and Entrepreneurship	2
	Elective	6
	Total	20

ELECTIVES

COURSE CODE	COURSE TITLE	UNITS
PHY 806	Electronic Measurements and Instrumentation	3
PHY 828	Non-conventional energy sources	3
PHY 880	Energy conversion and storage	3
PHY 882	Solar thermal	2

THIRD SEMESTER

PHY 899	Master's Dissertation Research Project	6 UNITS
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8.0 COURSE DESCRIPTION

PHY 801 Methods of Mathematical Physics (3 units)

Complex Variable theory and complex functions; Special Functions; Techniques for the solution of Boundary value problems of ODE and PDE, use of Green's functions; Integral Equations and method of Transforms; Matrices and Vector Spaces; Tensor Transformations; Groups, Representations and symmetry; Calculus of variations.

PHY 802 Solid State Theory II (3 units)

Symmetry and group theory; Electron States, Self-consistent field approximations methods; the Fermi surface; Semiconductors and metals, the Kronig-Penny model, Dynamics of electrons and holes in semiconductors, Insulator bands, Impurity states; Scattering by resonance and impurities; Electronic properties; Thermodynamic, transport, semiconductor systems, screening, Dielectric properties; Optical properties; Lattice vibrations; Phonon and the lattice specific heat; Electron-phonon interactions, Superconductivity; Theory of density functions and applications.

PHY 803 Electrodynamics (3 units)

Concept of potential and its applications; Single and multiple boundary value problems; The electromagnetic fields energy, forces and momentum relations; Maxwell's equations' solutions of the wave equation; Applications to radiating systems, Elements of relativistic electrodynamics, Moving charges, classical electron theory.

PHY 804 Advanced Laboratory and Experimental Techniques (3 units)

Three projects in electronics and in basic physical techniques, e.g. vacuum techniques, optical instrumentation.

PHY 805 Quantum Mechanics (3 units)

Quantum mechanics of one particle system, Quantum mechanics of Heisenberg, Matrix mechanics and transformation theory of quantum mechanics, Theory of angular momentum and spin, Zeeman effect, Time-dependent and time-independent approximation methods and applications, scattering theory, Dirac equation, low order radiation processes, relativistic quantum mechanics.

PHY 806 Electronic Measurements and Instrumentation (3 units)

Errors, Standards, accuracy and calibration; Relationship between specification and circuit performance; Analogue and digital measurements, Transducers and sensors; Signal conditioning, amplification, multiplexing sampling, digital to analogue and analogue to digital conversion; Noise in instrumentation systems Data indication and recording, storage, Signal electrical and optical characterization of signal crystals.

PHY 807 Computational Physics (3 units)

Interpolation schemes, the Lagrangian representation, Aitken algorithm, least square fit; Solution of linear equations, Gaussian elimination and inversion of matrices; Fourier series and harmonic analysis; Differential equations and various methods of numerical integration and differentiation. Solution of ODE using step-by-step methods, Runge Kutta predictor methods, numerical solution of PDE, Hyperbolic method of relaxation and other iterative schemes applied to simultaneous equations, ill-conditioned

equations, iterative methods of solving elliptic equations; Optimization with constraints, analysis of numerical stability, computer programming.

PHY 808 Advanced Computational Physics

(3 units)

Numerical techniques, differentiation, integral solutions of differential equations, matrix algebra; Molecular Dynamics Simulation, Random number generators, Monte Carlo techniques and slow iteration algorithms; Application to quantum and statistical mechanics, lattice models and interacting many-particle systems. Computational nonlinear dynamics, field theoretical models, and electronic structure calculations.

PHY 809 Properties of Materials (Solid State Theory I)

(3 units)

The structure of atoms; Bohr-Rutherford, Wave-mechanical models; Inter-atomic and molecular forces; X-ray crystallography; Crystal imperfections-point defect, line defects, dislocation mechanism of slip, role of dislocation, planar defects, atomic movements in solids.

PHY 810 Technology and Fabrication of Semiconductor Devices

(3 units)

Formation of PN junction; Formation of oxide and nitride layers on silicon; The photolithographic process; Oxide and nitride layers and diffusion masks; Formation of metal layers; Vacuum deposition; Ohmic contacts; Assembly methods; Outline of technology of semiconductor diodes, transistors integrated circuits; Evaluation of the technology; in-process tests, tests on finished devices.

PHY 812 Solid State Devices Theory

(3 units)

PN junction theory, homo and hetero-junctions, metal-semiconductor junction; General characteristics and physical limitations of bipolar transistor; Relation of physical properties to electrical characteristics; Theory of junction-field effect transistor; Theory of insulated gate transistors; properties of the metal-oxide; semiconductor system and its applications in insulated gate field effect transistor. High field and bull effect devices; Theory of quantum mechanics Time-dependent and time-independent approximation methods; Scattering theory.

PHY 813 Laboratory in Computational Physics

(3 units)

Numerical experiments using different programming Languages such as FORTRAN, C, C++, etc.; Introduction to LINUX; Hands-on experiments, programming and data analysis using specialized platforms such as MATLAB, MAPLE, Mathematica, DYNAMICS, TISEAN, etc.

PHY 814 Radio wave Propagation

(3 units)

Propagation mechanisms through the troposphere, Radio services; Quantifying propagation performance; Electromagnetic wave radiation, Line-of-sight and trans-horizon propagation; Attenuation by atmospheric gases, noise, rain attenuation; Ionospheric propagation; Special problems of hf radio communication associated with the equatorial ionosphere; Radio noise, Prediction techniques, Calculation and Measurement of field strength, power flux density, radiation and transmission loss.

PHY 815 Physics of the Earth's Interior

(3 units)

The composition of the earth. The physical characteristics of earth's materials: material, electrical and magnetic properties. Earth's gravity and earth's figure and interior. Further evidence from seismology, geothermal state, and geomagnetism. Geodynamics – Global picture of the dynamic earth. Plate theory

and rheology of the earth's interior. Evidence from geomagnetic reversals. Mechanism of earthquake and the new global tectonics. Field and laboratory investigations especially high-pressure geophysics.

PHY 816 Antenna Theory

(3 units)

Antenna: basis, construction and measurements; tuning, gain and radiation pattern measurement; Antenna modifications, types and characteristics; antenna radiation, reception, currents and polarization; Propagation in free space, effective radiative power, system performance, fading and variability, fading allowances, reliability, worst conditions.

PHY 817 Digital Electronics

(3 units)

Switching circuits, Gates, AND, OR, NOR and NAND gates logic circuit designs; Sum of products and Products-of-sums expression, Karnaugh maps; Flip-flops; Arithmetic circuits, Adder and Subtractors; Binary multipliers; Counters and counter application; Memory devices; Introduction to digital Computer, operation; Introduction to microprocessors and microcomputers.

PHY 818 Control Systems Technique

(3 units)

Control systems, representation, open loop and closed loop control. Transfer function, Steady state and transient behaviour of control system; Stability and sensitivity of controlled systems; Frequency response methods; Root-locus Method; Control Systems synthesis; Process control and controllers.

PHY 820 Advanced Electronics

(3 units)

Semiconductor diodes, transistors, special power semiconductor devices; Transistor circuits and amplifiers, power distortion, multistage amplifier feed-back and bandwidth. I.C. devices and circuits, I.C. operational amplifiers, phase locked loops, gyrators, tuned circuits active filters, detectors, logarithmic generators, variable gain devices; Analysis of circuits for generating, shaping and manipulating waveforms using elements such as line transformers and I.C.'s

PHY 822 Radiation detection and Spectroscopy

(3 units)

Principles of radiation detection; Review of interaction of radiation with matter: Ionizations and excitations. Survey of detector types: Gas-filled, scintillation and semiconductor detectors. NaI(Tl) detector characteristics and resolving time; Liquid scintillation analyses, quenching; Solid state (semiconductor) detectors; the HpGe detectors; Photopeak efficiencies and multichannel pulse height analysis. Detectors resolutions; Measurement statistics; Nuclear analytical methods: Thermal and fast neutron activation; neutron sources and neutron reaction cross-sections, energy dependence, resonance; Neutron activation analysis and applications. X-ray fluorescence analysis, the yield equation, sources, domain of application, analytical parameters. Track analysis; principles; fission and charged particle tracks, radon measurements; Isotope dilution and solvent extraction methods of radiometric analysis; Principles of the gamma and positron cameras.

PHY 824 Advanced Nuclear and Energy Physics

(3 units)

Review of fundamentals of Nuclear Physics: the nuclear atom (Rutherford's model and the Bohr's modifications); Nuclear properties: nuclear structure and models; nuclear stability; nuclear moment, parity and statistics. Forces between nucleons: deuteron, nucleon-nucleon and proton-proton scattering. Nuclear reactions (scattering, collisions): conservation of physical quantities; Q-value

determination; cross-sections; the Breit-Wigner formula; excited states of nuclei; nuclear decays: Alpha, beta and gamma decay processes. Theory of decays: quantum mechanical tunneling, the Gamow factor. X-rays following beta decay, the Fermi theory of beta decay. Energetics of gamma decay: internal conversion: positron annihilation: isomeric transitions: branching ratios and lifetimes of excited states; Spontaneous fission, Fusion and accelerators Elementary particle physics; Peaceful uses of nuclear energy techniques in Research, Industry, Medicine, Agriculture and the Environment.

PHY 826 Radiation Biology

(2 Units)

Cellular Radiation Damage: Single strand break, Double-strand break, Repair, DNA Degeneracy, Stochastic and Deterministic Effects: Somatic and Genetic Effects, Late Effects, Latency Period, Radiation Carcinogenesis Mutations, Radiation Modifying Agents: Radiosensitizers and Radioprotectors, Linear Energy Transfer, Oxygen Effect, Sulphides and other agents. Cell Cycle (Mitosis, Meiosis) Acute Radiation Syndrome: LD₅₀ Prenatal Radiation Exposure: Risk and comparison of Risks.

PHY 828 Non-conventional energy sources

(3 units)

Conventional and non-conventional energy sources; Biomass energy, energy storage in plants; Manufacture of synthetic fuel; desertification and fuel wood conservation; Fossil energy; petroleum exploration; Energy consumption in industry, transportation and other sectors. Nuclear energy, nuclear reactions, nuclear fission and fusion, Reactor design, Efficient use of energy in small and medium forms; Waste utilization and recovery; Energy analysis and optimization; improving efficiency of power plants for production of electric energy. Energy planning

PHY 830 Statistical Mechanics

(3 units)

Statistical distribution functions, Canonical and grand canonical formalism, phase transition and fluctuations, irreversible thermodynamics, Exact transport theory, Principle of equipartition of energy, Canonical and microcanonical ensembles and their applications, statistical quantum physics, Ising model.

PHY 832 Atomic and Molecular Theory

(3 units)

Quantum mechanical description of the hydrogen atom, electron spin, angular momentum vector and interaction; Radioactive transitions; ED approximation probability; Selection rules; The self-consistent field formations and the Hartre-Fork equations; Multiplex structure by Recah methods; Hyperfine couplings and isotope shift; Atoms on crystal lattices; The stark and Zeeman effects; Vibrational-rotational structure of diatomic and polyatomic molecules; Molecular orbitals.

PHY 834 Satellite Technology

(3 units)

The scope and nature of scientific research using vehicles, orbits in a central gravitational field, dynamical requirements for launching earth satellites, rocket propulsion, the tracking of space vehicles; satellite remote sensing: classification by orbit, applications, advantages and disadvantages; orbital dynamics; The upper atmosphere from ground-level observations – The structure of the neutral atmospheric, atmospheric phenomenon due to solar disturbances; The study of neutral atmospheric structure using space vehicles; The study of the ionospheric structure using space vehicles.

PHY836 Nonlinear Dynamics and Chaos

(3 units)

Dynamical systems, phase space, Poincare section and fractals. Bifurcations, dynamical transitions, and route to chaos; Fixed point theory and stability analysis. Basins of attraction and chaos plot; Simple

chaotic systems - the Logistic map, Henon map; Characterization of chaotic attractors, Lyapunov exponent and dimensions; Statistical properties of dynamical chaos, stationary probability distribution, correlation function, and power spectrum; Chaos in flows: Chaos in fluid dynamics (the Lorenz equation), the periodically driven pendulum, Duffing oscillators, Lasers, and semiconductors; Quantum chaos.

PHY 838 Technology of Semiconductor Materials

(3 units)

Methods of single crystal growth; Vacuum deposition of single crystal layers; Impurities and lattice defects in semiconductors, Properties of germanium and silicon and of selected $A^{13}B^V$ compounds GaAs, GaP, InSb, etc; Behaviour of impurities during crystal growth from the melt, Zone refining, controlled doping, preparation and growth of inter-metallic semiconductor crystal; Mechanical electrical and optical characterization of single crystals.

PHY 840 Physics of the lower Atmosphere

(3 units)

Weather/meteorological parameters and their measurements, Atmospheric thermodynamics, geotropic wind and atmospheric oscillation, atmospheric radiation, cloud Physics and atmospheric electricity, satellite meteorology and remote sensing, Applications to West Africa.

PHY 842 Fluid dynamics

(3 units)

Kinematics of fluid motion, Euler's equations, Bernoulli equation, steady flow of a compressible fluid, Irrotational motion for incompressible flow, gravity waves, waves in incompressible fluids, vortices, energy and momentum relationships, Flow in pipes and open channels, viscous flow, experimental methods in fluid dynamics.

PHY 844 Atmospheric radiation

(3 units)

Fundamentals of radiation, absorption spectra of water vapour, carbon dioxide, ozone, and oxygen, solar ray path in the atmosphere, Rayleigh and Mie scattering phenomena, direct, diffuse and global irradiance, energy distribution in the solar spectrum outside the atmosphere and at the surface, solar time equation, temporal and spatial variability of solar radiation, theory of thermal radiation in the atmosphere, radiation charts, effects of infrared cooling, radiation balance and climate, Experimental techniques.

PHY 845 Analysis of Data

(3 units)

Nature of observations, Errors of observation, means and median as weighted and adjusted means, precision and accuracy; Parameters of frequency distributions; Measures of dispersion, skewness, kurtosis, standard errors of parameters, significance tests; Theory of errors; Binomial, Gaussian and Poisson distributions; Time Series persistence, periodicity, quasiperiodicity, harmonic analysis, simple correlation ratio and partial correlation.

PHY 846 Synchronization and Control Theory

(3 units)

Basic concept of synchronization and chaos control; The Huygen's clock; Types and methods of synchronization – complete, partial, phase, projective, generalized, anticipated, lag, reduced-order, etc. Linear and Nonlinear feedbacks, backstepping; sliding mode, active control, adaptive control; periodic and parametric driving; Noise-induced synchronization and stochastic resonance; Oscillation death; Synchronization transitions; Synchronization of complex networks. Stability analysis of synchronized and

control systems, Lyapunov method, Routh-Hurwitz criteria, Linear matrix inequality, master stability function; The PC, Pyragas and OGY methods; Applications in cryptography and secure communications.

PHY 848 Nuclear Applications in Medicine, Industry and Research

(2 Units)

Physics and Principles of diagnostic imaging equipment: radiographic x-ray unit, fluoroscopic unit, computed tomography, mammographic units. Principles of radiation therapy (teletherapy and brachytherapy). Physics of radiotherapy equipment: Co-60 unit and Linear accelerator. Physics and operational principles of Gamma camera. Physics of positron (+) Emission Tomography (PET), Physics and operational principles of Magnetic Resonance Imaging (MRI), Industrial Uses: industrial radiography, Tracing, Gauging, Material Modification, Sterilization food preservation and others. Research Uses: Neutron Activation Analysis, Particle-Induced X-ray Emission (PIXE) and others.

PHY 850 Planetary Atmospheres

(3 units)

Basic concepts of the Earth's atmosphere: Atmospheric nomenclature, hydrostatic equations, scale height, geo-potential height; chemical concepts of the atmosphere; thermodynamic considerations, elementary chemical kinetics; composition and chemistry of middle atmosphere and thermosphere; thermal balance in the thermosphere; modeling of neutral atmosphere. Dynamics of the Earth's atmosphere: Equation of motion of neutral atmosphere; thermal wind equation; elements of planetary waves; internal gravity waves and atmospheric tides; fundamental description of atmospheric dynamics and effects of dynamics on chemical species. Solar radiation and its effect on atmosphere: Solar radiation at the top of the atmosphere, attenuation of solar radiation in the atmosphere, radiative transfer, thermal effects of radiation, photochemical effects of radiation. Atmospheres of planets and satellites: Inner and outer planets; atmospheric structure and composition of the Moon, Jupiter, Mars, Venus and Saturn and their important satellites.

PHY 852 Ionospheric Physics

(3 units)

Introduction to ionosphere Photo-chemical processes; Chapman's theory of photo-ionization; production of Ionospheric layers; loss reactions and chemistry of Ionospheric regions; morphology of the ionosphere; Ionospheric propagation and measurement techniques: Effect of ionosphere on radio wave propagation; refraction, dispersion and polarization; magneto-ionic theory; critical frequency and virtual height; oblique propagation and maximum usable frequency; ground-based techniques—Ionosonde; radars; scintillations and total electron content (TEC), photometers, imagers and interferometers, Ionospheric absorption; rocket- and satellite-borne techniques— Langmuir probe, electric field probe, retarding potential analyzers, mass spectrometers, magnetometers, vapour release, satellite drag for neutral density. Ionospheric plasma dynamics: Basic fluid equations; steady state Ionospheric plasma motions owing to applied forces; generation of electric fields; electric field mapping; collision frequencies; electrical conductivity; plasma diffusion; Ionospheric dynamo; Equatorial Electrojet Ionospheric modeling; Ionospheres of other planets and satellites; Ionospheres of Mars, Venus and Jupiter.

PHY 854 Physics of Geomagnetic Phenomena

(3 units)

Elements of solar physics: Structure and composition of the Sun; the Sun as a source of radiation; sunspots and solar cycles; solar flares. Magnetic field of the Earth and other planets: Models for generation of geomagnetic fields; secular variations of geomagnetic fields; local elements of geomagnetic fields; determinations of geomagnetic coordinates of stations; Transients variations of

geomagnetic fields; diurnal variation of geomagnetic fields; geomagnetic pulsations; magnetic fields of other planets; Equatorial anomaly. Magnetosphere of the Earth and other planets: Solar wind and its characteristics; interplanetary magnetic field and sector structure; formation of geomagnetic cavity, magnetopause; magnetosheath and bow shock; polar cusp and magneto tail; plasma sphere and Van Allen radiation belts; magnetosphere of other planets; Geomagnetic field modeling. Aurora and Airglow: Nightglow; day glow; twilight glow; aurora; applications of airglow measurements for Ionospheric dynamics and composition.

PHY 856 Space Weather

(3 units)

Elements of space weather: Geomagnetic storms, sub-storms and current systems; coronal mass ejections; modification of the Earth's magnetosphere during magnetic disturbances and its implications; effect of magnetic disturbance on high, mid, and low latitudes. Measurement techniques for solar and geomagnetic parameters: Optical techniques for solar parameters; radio techniques for solar parameters; X-ray; Space Missions. Space Weather Prediction: Modeling of Space Weather parameters.

PHY 858 Satellite Imagery

(3 units)

Overview of remote sensing technology: history and evolution; Electromagnetic radiation and its interaction with matter. Spectral characteristics of crops/vegetation, soils, water etc. Remote sensing platforms, sensors and ground systems; Satellite remote sensing: classification by orbit, applications, advantages and disadvantages, type of observation, orbital dynamics; Types of satellites; Overview of Earth observation satellites; Overview of optical infrared (IR) remote sensing sun-synchronous satellites; Overview of polar platforms and meteorological satellites; high-resolution satellites; radar satellites; other missions; Imaging technology; Photogrammetry. GPS: concepts, techniques, systems and applications. GIS: concepts, principles and applications: GIS models, GIS components, inputs to GIS; GIS database design and organization; integration in GIS, querying in GIS, GIS outputs and visualization, accuracy of data in GIS, GIS integration errors.

PHY 860 Seminar

(2 units)

Master's candidates are expected to give an in-house departmental oral presentation. The seminar should normally consist of a researched literature work on a topical issue in the candidate's area of research interest, through the guidance the candidate's supervisor and the seminar coordinator in preparation for the College of Postgraduate Studies seminar on the Master's dissertation.

PHY 861 Introduction to Renewable Energy

(2 units)

World energy consumption and RE resource; fossil fuels; Atmospheric environment and RE; Weather, climate and climate change, Ozone depletion, anthropogenic pollutants, GHGs, Aerosols Renewable energy resources: Conventional hydroelectric, micro-Hydro, Wind – On/Offshore, Small scale wind turbines Biomass: combustion, pyrolysis, gasification, anaerobic digestion, Solar thermal, Wave energy Solar PV

PHY 862 Radiation Protection Guides

(2 Units)

The external radiation hazard and protection: time, distance and shielding, Monitoring for external radiations (areas and personal). The internal radiation hazard and protection: sources and type of airborne contaminants, control of the internal radiation hazard, exposure reduction, internal dosimetry, Waste management: Contamination, protection against contamination (protective clothing,

decontamination), Waste disposal, packaging and safe transport of radioactive materials. Principle of Radiation Protection: Justification, Optimization, dose limit, international safety standards – ICRP, BSS, NNRA. Elements of radiation protection program in medicine and industry: Monitoring, Emergency preparedness planning and response, QA and QC for equipment, Training, Audit, and Safety of equipment.

PHY 864 Non-Ionising Radiation

(2 Units)

Radiometric units lasers: laser operation, laser actions, TEM modes, Biological effects: eye damage, skin damage, protection guides and standard, maximum permissible exposure (MPE), Safety measurements, power and energy, beam divergence radiofrequency (RF) and Microwave: Communications, antennas and antenna gain, Penetration depth, GSM handsets and base stations, Biological effects, thermal and non-thermal effects, temperature-humidity index, Microwave measurements, survey meters protection guides and standards, maximum permissible exposure.

PHY 866 Solar Energy Physics

(3 units)

Solar resource; radiation parameters and measurements; Conversion; Theories & Geometries; Fossil fuel depletion and climate change concerns; Renewable energy resources; Renewable energy planning.

PHY 868 Solar Photovoltaic Electricity

(3 units)

Technological Fabrication differences between Monocrystalline, polycrystalline, Amorphous thin film solar modules, Dye-sensitized solar cells (DSSCs). Typical PV panel specifications; Photovoltaic Electrical characteristics: Current-voltage, power-voltage characteristics of a PV module; I_{mp} , V_{mp} , P_{mp} ; Effect of solar radiation levels of G (W/m^2) and temperature on cell characteristics; Photovoltaic technologies, I-V, P-V characteristics. Designing Standalone and grid types; Construction and monitoring of system designed by the students; Data evaluation; Batteries, charge controllers and inverters; Photovoltaic system-array size, layouts, battery capacity, charge controller size Advantages of single and double axis Construction and monitoring of systems Environmental impacts and social implications of the construction of a large-scale PV project. Practical: Design, build and model the Performance of a PV system; Use of PV modelling Software packages: Netscreen, PVsol, PV system, spreadsheet –Excel, Matlab, etc.

PHY 880 Energy conversion and storage

(2 units)

History of energy storage, Thermal mass, Heat, Electricity: Battery systems, NiCd, Lead Acid, NiMH, LiFePO₄, Supercapacitors, pumped storage, fuel cells, Hydrogen

PHY 870 Rock Physics

(3 units)

Physical characteristics of rocks with relevance to geo-engineering and geo-exploration applications. Mechanical properties of rocks: strength, deformability, porosity, the permeability of sample and in-situ rocks. Electrical properties of rocks: the conduction mechanism in sedimentary, crystalline rocks and magmas. Cross-coupling (electromechanical) phenomenon in rocks with applications. Generalised theory of cracks in rocks. Applications of theoretical and laboratory studies of rocks to field phenomena. Solid testing techniques.

PHY 872 Methods and Techniques of Geophysical Prospecting

(3 units)

A classification of geophysical techniques for investigating the earth's crust. Unified approach to geophysical data acquisition, analysis, and interpretation: Planning, staking, mapping, presentation of

results, analysis, and interpretation techniques. Gravity methods. Seismic refraction and reflection techniques. Magnetism and geo-electrics. Field and laboratory techniques. Generalised interpretation techniques and geophysical instrumentation. (Geophysical will involve a geophysical instrument which will be selected every year).

PHY 874 Laboratory and Field Experiments in Geophysics (3 units)

Basic techniques of laboratory and field research in geophysics. Geophysical instrumentation and design. Actual data acquisition and analysis. (Involving laboratory experiments or field trips)

PHY 874 Solar thermal (2 units)

Theory; Solar resource; Collectors and system types; Modelling; Mounting & installation; Designs & standards.

PHY 899 Master's Dissertation / Doctoral Thesis Research Project (12 units)

The Master's candidate is expected to undertake a research project of interest in any field of Physics and the results of such project written as a Master's Dissertation in the format specified by the School of Postgraduate Studies. Doctoral studies shall be carried out on theoretical or experimental topics supervised by qualified lecturer(s) in the relevant fields of interest and the results of such project written as a Doctoral Thesis in the format specified by the School of Postgraduate Studies. Master's and Doctoral candidates are expected to deliver two and three seminars, respectively, on the proposal and on the research project undertaken.

9.0 Facilities and International Collaborations

The Department of Physical Sciences is well-equipped with the basic and advanced facilities for Postgraduate studies. Besides standard and state-of-the-art electronic equipment, and adequate computational facilities, including High Precision Computer (HPC) machine for computational Physics, the department is in strong partnership with the Center for Atmospheric Research of the National Space Research and Development Agency (CAR-NSRDA) for data acquisition.

The department has a well-established active linkage with several institutions locally and abroad including some European-based (including Top-UK) institutions, thereby facilitating the funding of internal and external research and academic exchanges. In particular, we receive research funding from the Alexander von Humboldt Foundation, Germany through a Humboldt Fellowship award to one of our staff. From 2011 to date, we enjoyed regular research supports from the Royal Society of London, through the prestigious Newton International Fellowship, for which one member of the department has Newton International Fellowship alumni continuous research support. Through our collaboration with the Department of Physics, Lancaster University, United Kingdom, our Theoretical and Computational Physics group has been benefitting from research funding from the Engineering and Physical Sciences Research Council (EPSRC), United Kingdom, and we have further research support for the next three years. The funding enables regular visits to Europe and UK-based research Institutions and Universities, payment for open access publications, direct access to computing facilities at Lancaster University, as well as direct access to large volume of electronic journals in Elsevier, Springer, Wiley, Taylor and Francis, IOP, APS, AIP, IEEE etc. These indeed complement the University's Library facilities. In addition, the department won a grant from the Science Foundation through one of our lecturers.

It is also worth mentioning that our professors and academic staff are eminent international scholars and University administrators of high repute. Some of our lecturers received foreign postgraduate training in the United Kingdom and South Africa. They have enjoyed research support and visits to the International Centre for Theoretical Physics (ICTP), Italy, among others. They have maintained these collaborations which promise further opportunities for our staff and postgraduate students.

10.0 STAFF LIST

10.1 ACADEMIC STAFF

NAME OF STAFF	QUALIFICATION	STATUS	SPECIALIZATION
Professor U. E. Vincent	BSc, MSc, PhD (Physics)	Professor and Head of Department	Theoretical and Computational Physics/Nonlinear Dynamics/Radiation & Health Physics
Professor L. B. Kolawole	NCE, BSc, PhD (Physics)	Professor (Emeritus)	Ionospheric Physics and Communication Physics
Dr. A. A. Willoughby	BSc., MSc, PhD (Physics)	Reader	Atmospheric Physics/ Renewable Energy/Instrumentation
Dr. O. F. Dairo (Associate)	BSc, MSc (Elect/Elect Engineering), PhD (Physics)	Senior Lecturer	Communications and Instrumentation
Dr. O. A. Soge	BSc (Physics), MPhil (Electrical Eng.), PhD (Physics)	Senior Lecturer	Geophysics and Renewable Energy
Dr. M. O. Osinowo	BSc, MTech, PhD (Physics)	Lecturer I	Electronic Instrumentation & Measurement
Dr. O. T. Kolebaje (Visiting)	BSc, MSc, PhD (Physics)	Lecturer I	Theoretical and Computational Physics / Nonlinear Dynamics
Dr. M. E. Sanyaolu	HND (Elect/Elect Engineering), BSc, MSc, PhD (Physics)	Lecturer II	Electronics and Communication Physics
Dr. I. R. Akomolafe	BSc, MSc, PhD (Physics)	Lecturer II	Radiation & Health Physics
Dr. G. A. Akinyemi	HND, BSc, MTech, MSc, PhD (Physics)	Lecturer II	Atmospheric & Space Physics

10.2 TECHNICAL STAFF

NAME	QUALIFICATION	STATUS	SPECIALIZATION
Adekoya, A. A.	FD, PGD, MTech (Physics)	Principal Technologist	Electronic Instrumentation
Obafemi, L. N.	HND (Elect/Telecom Eng), BNG (Elect/Elect Eng).	Senior Laboratory Technologist	Electronic Instrumentation

CHAPTER TWENTY-FOUR

CURRICULUM FOR FACULTY OF BASIC MEDICAL SCIENCES

DEPARTMENT OF BIOCHEMISTRY

1.0 PHILOSOPHY OF THE PROGRAMME

The philosophy of the University is to produce God-fearing, practical-oriented graduates. In line with this philosophy, the Department offers postgraduate studies with a variety of experience. The programmes are therefore designed to give students the required rigorous apprenticeship in biochemistry, an applied science designed to produce capable biochemists qualified for the key positions in education, research institutes, government and industries, with particular emphasis on certain fields which are relevant to the scientific and technological development of the country.

The objectives of the postgraduate programme in biochemistry are to:

- i. produce graduates with unbiased and systematic skill in making independent observations, accurate interpretation of facts in line with sound scientific principles and proper documentation of research findings in learned journals;
- ii. produce biochemists who are cable, skilled, and thoroughly prepared to influence every area of life through excellent production and service delivery;
- iii. produce international academics that will transform the department into a Centre of Excellence for teaching and learning.

2.0 HISTORY OF THE DEPARTMENT

The department of Biochemistry started as one of the pioneer programmes of the University in the year 2005 with three pioneer members of staff, namely: Prof. G. O. Emerole, Mr. O. D. Olukanni and Mr. S. O. Abarikwu. At inception it was one of the twin programmes under the umbrella of the Department of Chemical Sciences. The programme had her first NUC accreditation visit in November 2007 and was given a two-year accreditation under the then leadership of the then Acting Head of Department, Dr. O. G. Adeyemi. At the expiration of the two years in 2009, the programme was given a full accreditation for another four years. There were also subsequent successful accreditations in 2012 and in 2017 under the leadership of the then Dr B. A. Salau, who is presently a Professor and the pioneer Dean of the Faculty of Basic Medical Science. In September 2019, Biochemistry became a full-fledged department with Dr. O. D. Olukanni as the Acting Head of Department. At the expiration of his tenure, Dr. Chiagoziem A. Otuechere took over the reins of leadership in the Department in the 2021/2022 academic session. The Department of Biochemistry is now domiciled in the Faculty of Basic Medical Sciences and enjoys full accreditation for its post-graduate programmes.

3.0 AREA(S) OF SPECIALISATION

The department offers programmes leading to the award of degrees of Postgraduate Diploma (PGD), Master of Science (MSc), Master of Philosophy (MPhil.), Master of Philosophy/ Doctor of Philosophy (MPhil/Ph/D), and Doctor of Philosophy (PhD) in Biochemistry. The following fields of specialization are available in the Department: Food and Nutritional Biochemistry, Molecular Biology, Biotechnology, Drug Metabolism and Molecular Toxicology, Neurobiochemistry, and Enzymology, Computational Biochemistry and Bioinformatics.

4.0 TYPES OF PROGRAMMES AND OBJECTIVES

The department offers programmes leading to the award of the following degrees:

POSTGRADUATE DIPLOMA

The PGD programme is in full time mode to last minimum of 12 months.

MASTERS

The Master of Science (M.Sc.) programme is in full time mode to last minimum of 18 months.

MPhil

The programme shall be in two modes: full time or part time depending on the preference of the candidate. The duration is a minimum of 12 months and a maximum of 24 months.

MPhil/ PhD

The M.Phil/PhD. Programme shall be in two modes: full time or part time depending on the preference of the candidate. The duration is a minimum of 12 months and a maximum of 24 months.

DOCTOR OF PHILOSOPHY (PhD)

The PhD degree programmes of the department shall be in two modes: full time and part time. The full-time Ph.D. shall be for a minimum of six semesters and a maximum of eight semesters while the part-time Ph.D. shall be for a minimum of eight semesters and a maximum of ten semesters.

4.1 ADMISSION REQUIREMENTS

4.1.1 POSTGRADUATE DIPLOMA

- (a) A candidate must have at least five (5) credit passes at 'O' level, including English Language, Biology, Chemistry, Physics, Mathematics.
- (b) A candidate with at least a third-class degree in Biochemistry, or any other related science courses of the Redeemer's University or any other recognized University is eligible for admission. Candidates with Upper Credit in the Higher National Diploma (HND) may also be considered

4.1.2. MASTERS DEGREE

- (a) A candidate must have at least five (5) credit passes at 'O' level, including English Language, Biology, Chemistry, Physics, Mathematics.
- (b) The candidates for the Master Degree Programme must possess at least a B.Sc. honours degree or PGD in biochemistry, biological sciences, biotechnology, biochemical engineering, or a professional qualification of equivalent status and associated work experience, a Postgraduate Certificate or Diploma in a biochemistry-related subject, or in a closely related discipline from Redeemer's University, Ede or any other Universities recognized by the Senate of the University
- (c) Candidates must demonstrate adequate intellectual capacity, good communication skills, maturity, and ability to make effective independent researches.

4.1.3. MPhil

A candidate must have at least five (5) credit passes at 'O' level, including English Language, Biology, Chemistry, Physics, Mathematics. Candidates would also have obtained an MSc degree in Biochemistry from the Redeemer's University or any other recognized university with a weighted average score greater or equal to 50%.

4.1.4 MPhil/PhD

A candidate must have at least five (5) credit passes at 'O' level, including English Language, Biology, Chemistry, Physics, Mathematics. Candidates who obtain between 55% and 59,99% at the Master's level shall be considered for admission into the MPhil/PhD programme. Such candidate will be required to register for coursework as recommended by the Departmental Postgraduate Committee.

4.1.5 DOCTOR OF PHILOSOPHY (PhD)

- (a) A candidate must have at least five (5) credit passes at 'O' level, including English Language, Biology, Chemistry, Physics, Mathematics.
- (b) A candidate with at least a PhD grade (a weighted average score equal to 60% or greater) in his/her M.Sc. Degree in Biochemistry of the Redeemer's University or any other recognized University is eligible for admission. However, candidates from any other university may be required to offer lower-level courses which are relevant to their areas of specialization if the need arises where necessary.
- (c) Candidates must demonstrate adequate intellectual capacity, good communication skills, maturity, and ability to make effective independent researches.

5.0 GRADUATION REQUIREMENTS

5.1 POSTGRADUATE DIPLOMA (PGD)

In addition to satisfying other University regulations, candidates must also satisfy these requirements:

- i. All compulsory general courses as listed by the College of Postgraduate Studies must be offered and passed. Candidates may be required to offer specified courses to remedy deficiencies.
- ii. A minimum weighed score of 50% must be obtained.
- iii. A dissertation describing the original research work carried out while studying for the degree and written according to the format specified by the College of Postgraduate Studies must be submitted for an oral examination.
- iv. A student shall sit for viva voce (oral examination) presided over by an External Examiner and must pass satisfactorily.
- v. The minimum pass mark in any course shall be 50% and any candidate who fails a compulsory course shall re-register for the course at the next available opportunity as there would be no re-sit examinations.

5.2 MASTERS (MSc) DEGREE

- (a) In addition to satisfying other University regulations,
 - i. All compulsory general courses as listed by the College of Postgraduate Studies of the University must be offered and passed.
 - ii. A minimum weighted score of fifty per cent (50%) must be obtained.

- iii. All MSc students are required to carry out significant research on a specialized area of biochemistry and also present at least one seminar before graduation.
- iv. A minimum of 30 units must be taken and passed.
- v. A dissertation describing the original work carried out while studying for the degree and written in the format specified by the College of Postgraduate Studies must be submitted and for oral examination.
- vi. The minimum pass mark in any course shall be 50% and any candidate who fails a compulsory course shall re-register for the course at the next available opportunity as there would be no re-sit examinations.

5.3 MPhil

- i. The programme will consist of coursework and an MPhil dissertation.
- ii. The coursework shall be determined by the Departmental Postgraduate Committee.
- iii. A candidate shall be required to register for and pass a minimum of 16 Units and a maximum of 22 Units, which shall include 6 Units for the dissertation.
- iii. The dissertation shall be examined by an External Examiner following the processes stipulated for the Master's programme.
- iv. A candidate shall be considered to have passed the MPhil Programme if the candidate obtains a minimum score of 50% and shall be awarded the MPhil certificate.
- v. A candidate who makes 60% in the MPhil degree shall be eligible to apply for admission to PhD programme.

5.4 MPhil/PhD

- i. The programme will consist of coursework and an MPhil dissertation.
- ii. The coursework shall be determined by the Departmental Postgraduate Committee
- iii. The candidate must present an acceptable research proposal and preliminary results.
- iii. The candidate shall undergo a conversion to PhD programme examination to be conducted by an examination panel.
- iv. The examination panel shall consist of the Head of Department as the Chief Examiner, Departmental/Faculty Postgraduate Coordinators. Representative of the Postgraduate College (Provost), the Supervisor and the Internal-External Examiner.
- v. The candidate shall be required to score a minimum of 60% to proceed to PhD.
- vi. A candidate who fails to meet the required minimum of 60% need to proceed to PhD shall complete the dissertation and be awarded an MPhil Degree provided the candidate scored a minimum of 50%.
- vii. However, a candidate who fails to proceed within the immediate session shall be required to apply.

5.5 DOCTOR OF PHILOSOPHY (PhD)

- (a) In addition to satisfying other University regulations,
 - (i) All compulsory general courses as listed by the College of Postgraduate Studies of the University must be offered and passed. Candidates may be required to take courses to remedy deficiencies.
 - (ii) A minimum weighted score of fifty per cent (50%) must be obtained;
 - (iii) All Ph.D. degree students are required to carry out significant research on a specialized area of biochemistry and also present a minimum of three seminars before graduation.
 - (iv) A thesis describing the original work carried out while studying for the degree and written in the format specified by the College of Postgraduate Studies must be submitted and for oral examination.

- (v) A *Ph.D.* thesis is a document authored by a student that describes results of original research undertaken by that student and asserts a position that the student is willing to defend.
- (vi) Minimum of two peer-reviewed articles published in high-impact journal(s).
- (vii) A student shall sit for *VIVA VOCE* (oral examination) presided over by an External Examiner and must pass the examination satisfactorily before he/she is pronounced a Doctor of Philosophy.

6.0 COURSE REQUIREMENTS / STRUCTURE

6.1 POSTGRADUATE DIPLOMA

COURSE CODE	COURSE TITLE	UNIT	STATUS
First Semester			
SCI 701	ICT and Research Methodology	2	C
BCH 701	Macromolecular Biochemistry I	2	C
BCH 703	Advanced enzymology	2	C
BCH 705	Experimental Biochemistry I	2	C
BCH 707	Bioenergetics	2	C
BCH 709	Molecular Biology & Genetic Engineering	2	C
BCH 711	Intermediary Metabolism	2	C
BCH 713	Molecular Toxicology	2	C
BCH 715	Seminar and Biochemical Literature	2	C
BCH 717	Tissue Biochemistry	2	E
BCH 719	Clinical Biochemistry	2	E
BCH 721	Principles of Endocrinology	2	E
BCH 723	Principles of Immunology	2	E
Second Semester			
BCH 702	Macromolecular Biochemistry II	2	C
BCH 704	Introduction to Bioinformatics	2	C
BCH 706	Experimental Biochemistry II	2	C
BCH 708	Industrial Biochemistry	2	C
BCH 710	Nutritional Biochemistry	2	C
BCH 712	Plant Biochemistry	2	C
BCH 714	Pharmaceutical Biochemistry	2	C
BCH 716	Research Methodology	2	C
BCH 798	Research Project	5	C
BCH 718	Neurobiochemistry	2	E
BCH 720	Medical Biochemistry	2	E
BCH 722	Membrane Biochemistry	2	E
BCH 724	Xenobiochemistry	2	E
BCH 726	Hormonal Biochemistry	2	E

Students are expected to register all compulsory courses in each semester and at least two electives per semester.

6.2 MASTERS DEGREE

COURSE CODE	COURSE TITLE	UNIT	STATUS
First Semester			
SCI 801	ICT and Research Methodology	2	C
BCH 801	Macromolecular Biochemistry	3	C
BCH 803	Cell Systems and Metabolism	3	C
BCH 805	Advances in Enzymology	3	C
BCH 807	Biochemical Instrumentation and Analytical Techniques	3	C
BCH 811	Nutritional Biochemistry	2	C
BCH 809	Biomembrane and Cell signaling	2	E
BCH 813	Environmental Biochemistry and Toxicology	2	E
BCH 815	Plant Biochemistry	2	E
BCH 817	Forensic Biochemistry	2	E
BCH 821	Experimental Biochemistry	2	C
Second Semester			
SCI 802	Management and Entrepreneurship	2	C
BCH 802	Introduction to Bioinformatics	2	C
BCH 804	Medical Biochemistry and Biochemical basis of diseases	3	C
BCH 806	Biostatistics	2	C
BCH 808	Bioenergetics	2	C
BCH 810	Molecular Biology & Biotechnology	2	C
BCH 812	Neurobiochemistry	2	E
BCH 814	Advanced Immunochemistry	2	E
BCH 816	Drug Development & Xenobiochemistry	2	E
BCH 818	Biochemistry of Parasites	2	E
BCH 820	Cancer Biochemistry & Experimental Oncology	2	E
Third Semester			
BCH 819	Seminar on Special Topics	2	C
BCH 899	Research Project	6	C

Students are expected to register all the compulsory courses in each semester and at least 4 units of electives in the first and second semesters.

6.3 MPhil, MPhil/ PhD and PhD

COURSE CODE	COURSE TITLE	UNIT	STATUS
BCH 907	MPhil Research Seminar	2	C
BCH 951	Proposal Seminar	2	C
BCH 952	In-field Seminar	2	C
BCH 953	Post-field Seminar	2	C

Candidates from other Universities are may be required to offer lower-level courses which are relevant to their areas of specialization where necessary. In all, a total of 22 units, which include MPhil Seminar and all postgraduate courses are expected to be taken and passed.

7.0 COURSE DESCRIPTION

7.1 POSTGRADUATE DIPLOMA

BCH 701: Macromolecular Biochemistry (2C Units)

Structure and functions of macromolecules. Storage and Structural polysaccharides; mucopolysaccharides, glycoproteins, bacterial cell wall. Synthesis of complex lipid, lipids, lipoproteins. Protein isolation, fractionation and purification and characterization.

BCH 702: Macromolecular Biochemistry II (2C Units)

Primary, Secondary tertiary and quaternary structure of proteins. Structure – function relationship of proteins. Structure of Haemoglobin and myoglobin. Amino acid analysis of peptides and proteins. Methods of protein sequencing structural organization and elucidation of proteins. Molecular weight determination of proteins. Techniques in protein Biochemistry. Structure and function of Nucleic acids. Types of RNA. The double helix structure of DNA. The genetic code. Prokaryotic and Eukaryotic protein synthesis. Regulation of protein synthesis.

BCH 703: Advanced enzymology (2C Units)

Discovery, naming and classification of enzymes. Properties of Enzymes. Steady state enzyme kinetics; Michaelis – Menton equation, Lineweaver – Burk plot; Enzyme activation and inhibition. Estimation of kinetic parameters – Km, Vmax, Ki etc. Mechanism of enzyme action – concept of active site, vitamins and Coenzymes. Zymogen activation, digestive enzymes, muscle actin ATPase, Troponin; Allosterism. Isolation, Purification and Characterization of enzymes. Chemistry of enzyme catalysis. Steady state enzyme kinetics. Transient kinetic methods. Regulatory enzymes. Molecular models of allosterism. Multi enzyme complexes. Enzyme reconstitution. Criteria for determining purity of enzymes. Reconstitution of enzyme activity and synthesis.

BCH 704: Introduction to Bioinformatics (2C Units)

Review of DNA and Protein sequences, Introduction to Algorithms, sequence data formats and databases; sequence Alignment – Algorithms (CLUWSTALW) and Hidden Markov Model (NMMER), Database searching (BLAST), Phylogenetic (PHYLIP), Perl and BioPerl. Microarrays techniques.

BCH 705: Experimental Biochemistry 1 (2C Units)

Qualitative and quantitative analyses of proteins, lipids, carbohydrates. Introduction to molecular biology techniques. Instrumentations.

BCH 706: Experimental Biochemistry 1I (2C Units)

Qualitative and quantitative analyses of proteins, lipids, carbohydrates. Introduction to molecular biology techniques. Instrumentations.

BCH 708: Industrial Biochemistry (2C Units)

Reviews of microbial physiology and genetics. A review of general metabolic pathways, control and application in industrial processes. Continuous culture methods, principles and applications. The Chemostat and its application in industrial fermentation. Fermentations – alcoholic, amino acids, antibiotics and other secondary metabolites. Primary and secondary

metabolism. Process evaluation and development. Over production of metabolites – amino acids, taste enhancers, vitamins, toxin etc. Methods of screening and selecting micro-organisms of industrial importance, induction of mutation in micro-organisms and plants for the purpose of production. Strain selection/development and enhancements. General dosage and application in industrial processes.

BCH 709: Molecular Biology and Genetic Experimental Biochemistry II (2C Units)

Replication, transcription and translation – a brief review. The genetic code and its relationship to cellular functions. DNA replication in a cell – free system. Genetic transformation, transduction and conjugation. Gene mutation, mutagenic agents and the applications to gene transfer. Gene mapping. Structure of eukaryotic genome. Recombinant DNA and its application. Hybridomes.

BCH 710: Nutritional Biochemistry (2C Units)

Food Nutrients; Nutritive value of foods – carbohydrates, fats, proteins, vitamins mineral elements and water. Energy value of foods and energy expenditure by mammals; Biochemistry and methods of food processing and preservation. Food contaminants Nutritional disorders, prevention and therapy. Nutritional status and nutritional requirements; Recommended dietary allowances and assessment of Nutritional status. Nutrition and aging.

BCH 711: Intermediary metabolism (2C Units)

Definition, types of metabolism, classification of metabolites, metabolic phases, purpose of intermediary metabolism, requirements and energy production in: Carbohydrate Metabolism, Amino acid Metabolism, Lipids Metabolism, Nucleotide Metabolism, Porphyrin Metabolism, Vitamin Metabolism, Mineral Metabolism

BCH 712: Plant Biochemistry (2C Units)

Organization of plant cells, photosynthesis, alkaloids and flavonoids, plant hormones. Biosynthesis of carotenoid pigments. Biochemistry of plant development. The plant cell-wall structure, formation and growth Lignin formation. Free amino acids, pyrimidines, purines and nucleosides in plants. Metabolism of auxins, gibberellins and cytokinins. Synthetic growth regulators and herbicides. Structure function relationship of plant hormones.

BCH 713: Molecular Toxicology (2C Units)

Biological effects of toxic substances in living organisms. Metabolism, cellular and tissue targets, mechanisms of action, and pathological effects. Resistance and tolerance of toxicants, natural toxicants, chronic testing in animals; tests for mutagenicity in toxicological evaluation of chemicals; isolation and structural elucidation of toxicants; enzymatic detoxification.

BCH 714: Pharmaceutical Biochemistry (2C Units)

Definitions; Nature and sources of drugs; Drug receptors; macromolecular nature of drug receptors; Theories of the mechanism of drug action; Signaling mechanisms and drug action; Routes of drug administration; Factors modifying drug action; Drug discovery and development/ Basic and clinical evaluation of new drugs; Physiological and biochemical actions of some selected drugs: Drug therapy for hypercholesterolemia and dyslipidemia; Drugs interfering with arachidonate metabolism especially non-steroidal anti-inflammatory drugs and antipyretic-analgesics; Morphine and related drugs; Cardiac glycosides and drug treatment of congestive heart failure; Antihypertensive agents; Drugs affecting the kidney; Drugs used in asthma; Insulin, oral hypoglycaemic agents and the pharmacology of endocrine pancreas; Drug acting on the blood and the blood forming organs (haematopoietic agents, anti-coagulants, thrombolytics, fibrinolytic and anti-platelet agents, blood and plasma volume expanders); Inhibitors of

oxidative phosphorylation; Effect of drugs on the cytoskeleton; Drugs acting on the autonomic and central nervous systems; Vitamins as coenzymes: classification, biochemical significance, chemistry, biochemical role, dietary sources, deficiency diseases, and antagonists (wherever applicable) of all the vitamins; Basic principles of chemotherapy: Chemotherapy of parasitic infections, microbial and neoplastic diseases.

BCH 715: Seminar and Biochemical Literature (2C Units)

Hormones, immunochemistry, oncology, brain biochemistry, monoclonal antibodies, chemoprevention. Principles of drug biotransformation. Mechanisms of carcinogenesis, free radicals, reactive oxygen species and oxidative stress. These may be taught or seminars may be given by academic staff and students.

BCH 716: Research Methodology (2C Units)

Principles, methodologies and applications of Electrophoresis. Chromatography–Thin layer column, Gas-Liquid, ion–exchange and High-performance Liquid Chromatography. Spectroscopy–UV, IR, NMR, fluorimetry, mass spectrometry, Centrifugation and Isotopic techniques – Radioimmunoassay.

BCH 717: Tissue Biochemistry (2E Units)

Biochemistry of muscles, kidney, liver and adipose tissues. General metabolism of the brain and neuronal biochemistry. Biochemistry of reproductive tissues. Comparative study metabolism of organ/tissues (blood, liver, kidney, heart, brain) in normal and diseased states.

BCH 718: Neurobiochemistry (2E Units)

Neurochemistry and the molecular mechanisms of the brain functions. Cellular and anatomical structures of the nervous system; signals encoding and transmission within the nervous system; brain architecture: the networks of neurons as functional units of the brain; higher cognitive functions coordination; the neurochemical basis of different neurological diseases, narcotics, and pain. Drugs metabolism and effects on the brain.

BCH 719: Clinical Biochemistry (2E Units)

Biochemistry of major organ disorders; Biochemical screening in health and disease; Organ function tests- renal function, liver function (including enzymes in diagnosis of liver disease), gastrointestinal function, faecal occult blood tests, endocrine function e.g. thyroid function tests, etc; Cardiovascular diseases and their diagnosis- analytical measurement of cardiac markers, tests used to estimate increased risk of cardiovascular disease including estimation of lipid profile; Acid – base metabolism and disorders of acid – base balance; Clinical chemistry of pregnancy; Common hereditary disorders; Laboratory diagnosis of AIDS; Radioisotopes in medicine- nature of radioactivity and properties of radioisotopes, radiation hazards; Diagnostic and therapeutic applications of radioisotopes.

BCH 720: Membrane Biochemistry (2E Units)

The unit membrane hypothesis. Composition and functions of Biological membranes Isolation and characterization of membranes. Natural and artificial membranes. Model membranes – red cell membrane, mitochondrial membranes, Endoplasmic reticulum. Excitable membranes and Neurotransmission. Membrane Transport – Active and passive transport. Transport of sugars and amino acids. Ionophores.

BCH 721: Principle of Endocrinology (2E Units)

Hormone action: Organization of the mammalian endocrine system Classification and structures of Hormones including the Chemistry and functions; storage and secretion. Mechanism of

Hormone action; signal transduction; receptor systems and G – proteins; second messenger systems – AMP and GMP dependent mechanisms. Regulation of Hormone action. Synthesis of insulin and steroid hormones.

BCH 722: Xenobiochemistry (2E Units)

Structure and function of the endoplasmic reticulum, chemistry and biophysics of cytochrome P450, structural genes of cytochrome P450. Introduction to xenobiochemistry; components of the microsomal drug metabolizing system. Experimental techniques in drug oxidation. Genetic polymorphism, chemically induced drug toxicity and chemical carcinogenesis.

BCH 723: Principles of Immunology (2E Units)

Basic definitions: Antigen-antibody interactions. Combining sites of antibodies. Immunoglobulins-Structure of immunoglobulins. Formation of antibodies. Myeloma and hybridoma immunoglobulins. The antigen-binding sites. Domain of antibody Molecules-Gene duplication and diversification. Generation of diverse antibody specificities. Clonal selection. Theory of antibody formation. Biological significance of clonal selection.

BCH 724: Hormonal Biochemistry (2E Units)

Structure and function of the endoplasmic reticulum, chemistry and biophysics of cytochrome P450, structural genes of cytochrome P450. Introduction to xenobiochemistry; components of the microsomal drug metabolizing system. Experimental techniques in drug oxidation. Genetic polymorphism, chemically induced drug toxicity and chemical carcinogenesis. An outline of Hormone action: Organization of the mammalian endocrine system Classification and structures of Hormones including the Chemistry and functions; storage and secretion. Mechanism of Hormone action; signal transduction; receptor systems and G – proteins; second messenger systems – AMP and GMP dependent mechanisms. Regulation of Hormone action. Synthesis of insulin and steroid hormones.

BCH 798: Project (6C Units)

Independent research findings into selected areas/topics of interest to the academic staff. Students will be required to carry out literature survey on the topics, perform experiments and produce short reports (preferably at the end of second semester). Students will be subjected to both seminar and oral examination on the projects.

7.2 MASTERS

BCH 801: Macromolecular Biochemistry (3C Units)

Structure and functions of macromolecules. Storage and Structural polysaccharides; mucopolysaccharides, glycoproteins, bacterial cell wall. Synthesis of complex lipid, lipids, lipoproteins.

Protein isolation, fractionation and purification and characterization. Primary, Secondary tertiary and quaternary structure of proteins. Structure – function relationship of proteins. Structure of Haemoglobin and myoglobin. Amino acid analysis of peptides and proteins. Methods of protein sequencing structural organization and elucidation of proteins. Molecular weight determination of proteins. Techniques in protein Biochemistry. Structure and function of nucleic acids. Types of RNA. The double helix structure of DNA. The genetic code. Prokaryotic and Eukaryotic protein synthesis. Regulation of protein synthesis.

802: Bioinformatics (2C Units)

Introduction to Internet and use of the same for communication, searching of database, literature, references etc. Introduction to Bioinformatics and definition, Overview of DNA

sequencing methods, Protein sequencing methods, Definitions of bioinformatics, Importance and applications, importance of internet in Bioinformatics, Data storage, processing and applications, information retrieval, DNA sequence retrieval, protein sequence retrieval, sequence comparison (BLAST), Sequence Alignment (ClustalW), Sequence Databases (Nucleotide and Protein), Sequence alignment: DNA Sequence, Sequence alignment: Protein Sequence, Sequence Databases Search: DNA Sequence, Comparing Two Sequences: Protein Sequence and modeling, structure analysis, docking, ligplot analysis, Multiple Sequence Alignment, Protein Modeling, Protein 3-D Structures, Protein structure Analysis, Docking, Ligplot interactions, Genes, Primer designing, Phylogenetic Analysis, Genomics and Proteomics. RNA Analysis, primers designs, Building Phylogenetic Trees, Useful Bioinformatics Resources.

BCH 803 Cell Systems and Metabolism (3C Units)

Cell as a basic unit of life. Cell organization of prokaryotic and eukaryotic cells. Structural and functional compartmentalization of cell –mitochondria, chloroplast, lysosomes, golgi bodies, plasma membrane and cytoskeleton, cell wall, nucleus.

Cell cycle, cell division - mitosis and meiosis. Chromosome structure, gene, gene number, gene clusters and Pseudogene. Polytene and lampbrush chromosomes. Packing of DNA, supercoiled DNA, nucleosome, Inverted repeats, repetitive DNA sequence, satellite DNA. Cell trafficking.

BCH 804 Medical Biochemistry and Biochemical basis of diseases (3C Units)

Biochemical regulation of cellular function and homeostasis, biochemical alterations and mechanisms of disease development, enzymes in health and diseases. Biochemical diagnosis of diseases by enzyme assays – SGOT, SGPT, CPK, cholinesterase, LDH, Disorders of carbohydrates metabolism, Disorders of Lipids, plasma lipoproteins, cholesterol, triglycerides and phospholipids in health and diseases e.g maldigestion, malabsorption, creatorrhoea, diarrhoea, steatorrhoea. Disorder of liver and kidney. Abnormalities in Nitrogen metabolism – Uremia, hyperuricemia, porphyria. Disturbances in blood clotting mechanisms – haemophilia, von Willebrand's disease, purpura, Rendu-Osler-Werber disease, acquired prothrombin complex disorders etc.

BCH 805 Advances in Enzymology (3C Units)

Isolation, purification and characterization of enzymes. Theories of enzymes catalysis, steady state enzyme kinetics for single and multisubstrate reactions; enzyme inhibition. Mechanisms of enzyme action, co-operativity, and non-cooperativity, Hill plot, Allosterism, transition state/activation energy, Arrhenius plot, membrane bound enzymes, enzyme regulation. RNA as a catalyst.

BCH 806 Biostatistics (2C Units)

Populations and samples, population parameters and sample statistics, sample mean, sample variance, and standard deviation. population mean, population variance, and population standard deviation. statistical inference. Proportion and association,

BCH 807 Biochemical Instrumentation and Analytical Techniques (3C Units)

Review of basic techniques; buffers and pH, whole organ perfusion, isolation of subcellular organelles, protein, nucleic acids, carbohydrate etc. Review of modern techniques in the biochemical laboratory (gene cloning, dideoxy sequencing, site directed mutagenesis, protein purification, electrophoresis, blotting, radio-chemical and spectroscopic methods). Spectrophotometric and fluorometric instrumentation types. Principles of centrifugation, preparative, differential and density gradient centrifugation, analytical ultracentrifugation, determination of molecular weights and other applications, subcellular fractionation. Electrophoretic techniques, principles of electrophoresis separation, continuous, zonal and

capillary electrophoresis, different types of electrophoresis including paper, cellulose, acetate/nitrate and gel electrophoresis. Electroporation, pulse field gel electrophoresis, electron microscopy – transmission and scanning, freeze fracture techniques, specific staining of biological materials. Special techniques, GC, GLC, NMR, x-ray diffraction, ORD, CD, Mass spectrometry NMR.

BCH 808 Bioenergetics (2C Units)

Thermodynamic basis of bioenergetics, energy transducing organelles, mitochondria, chloroplasts, and reconstituted systems, oxidation-reduction systems, respiratory control, uncoupling of phosphorylation, and mechanism of cation. Thermodynamics determinants of reversible and irreversible reactions, bioenergetics of kwashiorkor and obesity syndromes.

BCH 809 Biomembrane and Cell signaling (2E Units)

Cell communication in biological systems, signal transduction mechanism, membrane receptors, plasma membrane and cytoskeleton. Membrane and organelles biogenesis and assembly, effects of environmental factors on membrane synthesis, assembly and function, various models of membranes, membrane transport, liposomes membrane fluidity, membrane channels.

BCH 810 Molecular Biology & Biotechnology (2C Units)

Introduction to Molecular Biology and Biotechnology, Plant genetic engineering and prospects of improving crop productivity, Gene isolation, Restriction maps, Nucleic acid blotting and hybridization, DNA cloning in prokaryotes, DNA cloning in eukaryotes, Gene transfer systems (Ti plasmids, plant virus vectors, electroporation, microinjection, microprojectile technology Embryonic Cloning, Sequencing and analysis, The Human Genome Project, Protein-nucleic acid interaction, Prenatal Screening, Counseling and Testing, Adult stem cell research and therapy, Plant genetic engineering, Animal genetic Engineering (transgenic Animals). Kinetics and thermodynamics of cell growth, manipulation of cells to improve novel product development, biocatalysts, bioreactor designs and operation, scale-up, Instrumentation product recovery (isolation & purification), animal and plant cell culture, process economics.

BCH 811 Nutritional Biochemistry (2C Units)

Introduction to foods, food composition and properties; factors affecting selection, handling and prep of foods; food safety; basic food industry knowledge; meal planning Chemical changes in food, Post-harvest storage techniques. Evaluation of biochemical quality. Food enzymes and their applications in the food industry. Post-mortem changes in meat and fish. Formulation and design of food products. Function of nutrients. Energy values of food. Basal metabolic rate. Energy requirement. Dietary requirement of carbohydrates, lipids and proteins. Nutritional significance of dietary minerals and vitamins. Recommended dietary allowances and assessment of nutritional status. Nutrition and ageing. Nutritional disorder, prevention and therapy

BCH 812 Neurobiochemistry (2E Units)

Structure of neurons, neuroanatomy and biomembranes, CNS metabolism neuroreceptors, Second messengers: Nitric Oxide, Eicosanoids and acetylCholine. Amino acid transmitters. Serotonin. Catecholamines. Neurotransporters: methods and Peptides. Mental disorders. Neurobiochemistry of Alzheimers disease. Neurobiochemistry of alcoholism. Neurobiochemistry of anxiety

BCH 813 Environmental Biochemistry and Toxicology (2E Units)

Basics of Environmental Biochemistry and Toxicology, Bioaccumulation, Toxicity (Acute toxicity, Mechanisms of acute toxicity, Chronic toxicity, Species-Specific Chronic toxicity, Abiotic and Biotic interactions). Analytical methods in toxicology. Transport and fate of toxicants in the

environment - Sources of toxicants to the environment, Transport processes, Equilibrium partitioning, Transformation processes, Environmental fate models, Environmental risk assessment - Formulating the problem, Analyzing exposure and effects, Characterizing risk. Future considerations for environmental and human health - Risk management, Risk assessment, Hazard and exposure assessment. LD-50, in vivo toxicokinetics, in vivo toxicity, Biochemical and Molecular Toxicology, Development of selective toxicants.

BCH 814 Advanced Immunochemistry (2E Units)

Chemistry and interaction of antigens and antibody. Structure, reactions and synthesis of antibody. Immunity, immune response mechanisms, and the evasion of immune response by parasites. Allergic reactions, immunopathology, immunotherapy and techniques in immunochemistry (preparation and purification of antigens).

BCH 815 Plant Biochemistry (2E Units)

Electron transport system in plants; Nitrate assimilation, structural features of nitrate reductase and nitrite reductase, incorporation of ammonia into organic compounds, regulation of nitrate assimilation. Novel lipid biosynthesis in plants. Proteolysis in plant growth and development. Chemistry and cell biology of natural products. Special features of secondary plant metabolism, terpenes (classification & biosynthesis), lignin, tannins, pigments, phytochrome, waxes, alkaloids, biosynthesis of nicotine, functions of alkaloids, cell wall components. Toxins of plant origin - mycotoxins, phytohemagglutinins, lathrogens, nitriles, protease inhibitors, protein toxins. Stress metabolism in plants - Environmental stresses, salinity, water stress, heat, chilling, anaerobiosis, pathogenesis, heavy metals, radiation and their impact on plant growth and metabolism, criteria for stress tolerance. Antioxidative defence system in plants - reactive oxygen species and their generation, enzymatic and non-enzymatic components of antioxidative defence mechanism.

BCH 816 Drug Development & Xenobiochemistry (2E Units)

Historical perspectives and fundamentals of drug discovery and development. Preclinical safety and toxicity testing. Clinical trials. Pharmacokinetic considerations - Absorption, distribution and elimination of drugs and other xenobiotics; Metabolism of xenobiotics, Chemical and physiological influences on xenobiotic metabolism; Genetic variations in drug metabolism and pharmacogenetics. Enzyme induction and inhibition; Elimination - routes of drug elimination; renal and hepatic clearance.

BCH 817 Forensic Biochemistry (2E Units)

Principles of Forensic Science/Foundations of Forensic Biochemistry & Toxicology. The forensic expert in the courtroom (Courtroom testimony). Investigation of toxicity-related death/injury (Documentation practices, Considerations for forensic toxicological analysis, drug concentrations and distribution). Forensic analyses of biological materials (Colorimetric screening tests, Thermal desorption, Thin layer Chromatography (TLC), Gas Chromatography (GC), High Performance Liquid Chromatography (HPLC), Enzymatic Immunoassay). Analytical schemes for toxicant detection. DNA analysis in forensic biochemistry. Extraction and purification of antibiotics, clinical uses of antibiotics. Procedure for the extraction of contaminants of forensic interest from tissues; collection and preservation techniques for materials of forensic science; Law, science and medicine in forensic practice

BCH 818 Biochemistry of Parasites (2E Units)

The structure, function & inter-relationships of biomolecules & their deviation from normal & their consequences. Enzyme, enzyme alteration and clinical implications, Analysis of macromolecular structures and metabolic pathways peculiar to selected parasites. Molecular

basis of parasites chemotherapy. Biochemistry of host-parasite relationship (Emphasis on Plasmodium, retrovirus, and oncogenic viruses). Immunity, immune response mechanisms, and the evasion of immune response by parasites.

BCH 819 Seminar on Special Topics (2C Units)

Candidates will deliver seminars on selected topics or projects and submit a term paper on the same.

BCH 820 Cancer Biochemistry & Experimental Oncology (2E Units)

Introduction and characteristics of cancer; factors in the development of cancer; genetic alteration in cancer cells; phenotypic characteristics of cancer cells; causes of cancer and carcinogenesis; alterations of cellular differentiation; oncogenesis; Tumor suppressor genes; growth factors and signal transduction; signal transduction mechanisms; cell cycle regulation and apoptosis; tumor metastasis; tumor immunology; targeted gene therapy for cancer; cancer prevention and chemotherapy.

BCH 821: Experimental Biochemistry (2C Units)

Isolation, purification and characterization of Proteins, Nucleic acids, carbohydrates and lipids from snails, cow spleen, cow liver and rat brain respectively.

BCH 899 Research Project (6C Units)

Students would be given specific research project, which is to be conducted under the supervision of a faculty member. They will be assessed on the bases of experimental design, deployment of current techniques, data analysis and interpretation of findings.

8.0 STAFF

8.1 ACADEMIC STAFF

S/N	NAME OF ACADEMIC STAFF	AREA OF SPECIALIZATION	QUALIFICATION	RANK
1	Otuechere, C. A.	Molecular Toxicology i. Nanotoxicology; ii. Hepatic carcinogenesis iii. Effect of Environmental Toxicants on Biochemical Indices and Oxidative Damage.	BSc, MSc <i>PhD</i> . Biochemistry	Reader & Ag. Head of Department
2	Salau, B. A.	Nutritional Biochemistry: Analysis of bioactive compounds in plants Prophylactic and therapeutic uses of plants Nutrigenomics and nutrigenetics	BSc, MSc <i>PhD</i> Biochemistry	Professor
3	Olukanni, O. D	Environmental Biotechnology and Molecular Biology: i. Bioremediation and Biodegradation of pollutants ii. Enzyme and Microbial Transformation of pollutants	BSc, MSc <i>PhD</i> Biochemistry	Reader
4.	Adebayo, O. L.	Membrane and neuro-biochemistry: i. Membrane and brain molecules protection ii. Roles of calmodulin in the brain of protein- undernutrition.	BSc, MSc <i>PhD</i> Biochemistry	Senior Lecturer
5.	Avwioroko O.	Enzymology and Biotechnology: i. <i>In silico</i> analysis of enzymes ii. Biotechnological application of cassava	BSc, MSc <i>PhD</i> Biochemistry	Senior Lecturer

8.2 TECHNICAL STAFF

S/N	Name	Qualifications,	Rank
1	Mr. G.G. Daramola	MSc(Biochemistry)	Principal Technologist

CHAPTER TWENTY-FIVE

CENTRE FOR GENDER AND DEVELOPMENT STUDIES IN COLLABORATION WITH THE DEPARTMENT OF BEHAVIOURAL STUDIES

1.0 Introduction

The Centre for Gender, Humanitarian and Development Studies (CGHDS) is a Centre of Excellence for the interdisciplinary study of Gender, Humanitarian and Development Studies. Across the various fields of study at the Centre, gender becomes a cross-cutting analytical tool in development practice. In contrast, the multiple dimensions of sustainable development in academic practice are explored, focusing on such elements as – social, technological, economic, environmental, and political issues. The Centre runs a twin-track programme: i. Gender and Development Studies; and ii. Humanitarian and Development Studies across academic levels. The Gender and Development track explores the intersectionality of gender and development at the levels of theory and practice/ policy & planning for development. The Humanitarian and Development Studies track will expose students to the overall humanitarian system and the context of emergencies and disasters with multiple effects on livelihoods, food security, nutrition, forced migration, protection, and governance; and how these overlap with development, conflict management, human rights, and gender analytical frameworks. Professional courses are also mounted to build core competencies in such areas as Social Impact Analysis and Management, Humanitarian Services, Disaster Management, and Procurement and Supply Chain, amongst others.

2.0 The Philosophy of the Centre

The Centre for Gender, Humanitarian and Development Studies (CGHDS) is committed to research, training, and production of knowledge that bring about: reduction in social inequalities, accelerate sustainability and build more inclusive, resilient, and secure societies; make governments and social institutions more accountable and responsible for the use of resources; ensure that ‘no one is left behind’ in the process of development; and ensures the promotion of standards of good practice in humanitarian responses for sustainable human development.

3.0 Objectives

As a Centre of Excellence for the interdisciplinary study of gender, humanitarian, and development studies at RUN, the Centre has the following objectives:

- i. Design and develop academic programmes and courses at undergraduate and postgraduate levels in Gender, Humanitarian and Development Studies;
- ii. Work with other Departments and Colleges in the University to engender their academic courses where applicable;
- iii. Equip staff/students, policymakers and professionals with analytical and conceptual skills needed to understand gender, humanitarian and development issues in both the public and the private sectors;
- iv. Mainstream gender analytical frameworks into both academic curricula and the administrative system of the University.

- v. Initiate training programmes for the engendering process in the University and across the State;
- vi. Build national capacity on gender mainstreaming, humanitarian response, social development planning, and policy analysis, through teaching, training, consultancy, documentation, and networking;
- vii. Promote an inter-disciplinary research and policy analysis for sustainable development;
- viii. Promote research into issues of equity and equality associated with gender, class, ethnic and political differentiation, in particular issues relating to humanitarian and other development issues and concerns;
- ix. Maintain a database on gender, humanitarian and development issues in Osun State;
- x. Establish professional courses to build technical capacity of policymakers; NGOs; Private sector operators; and other professionals in the area of gender, humanitarian and development practice;
- xi. Build partnerships and networks with government institutions, the private sector, and other civil society organizations on issues relating to gender, humanitarian and development practice;
- xii. Initiate research fellowships, linkages and students exchanges in specific areas of concern with national and international partners; and
- xiii. Organize seminars, workshops, symposia, and other relevant activities that will enhance research and development in the areas of women, gender, humanitarian and sustainable development.

4.0 The Mission Statement

To promote gender, humanitarian, and development studies, which have been globally accepted as strategies to attaining development through teaching, research, policy advocacy, training, educational outreach, and partnership with the governments, the private sector, civil society organizations, and development partners.

TRACK ONE: GENDER AND DEVELOPMENT STUDIES

5.0 Postgraduate Programmes in GDS:

- Post Graduate Diploma in Gender and Development Studies;
- MSc in Gender and Development Studies;
- MPhil/PhD in Gender and Development Studies;
- PhD in Gender and Development Studies

Areas of Specialization for postgraduate studies in GDS:

Gender, Health, and Population Issues; Gender and the Economy; Gender, Education and New Technologies; Gender in Management and Leadership; Gender in Politics, Civil Society and Human Rights; Gender, Culture, and Human Development; Gender, Agriculture and Rural Livelihoods; Gender Conflict Peace and Security; Gender, Environment and Climate Change; Gender, Language, the Media & the Arts.

5.1 . Admission Requirements for Postgraduate Programmes in GDS:

a. Postgraduate Diploma in Gender and Development Studies

Admission into the Postgraduate Diploma in Gender and Development Studies Programme is open to holders of:

- i. A Bachelor's Degree not below Third-Class Honors in any discipline from a recognized University or Upper Credit (HND) from any recognized Polytechnic in the country;
- ii. Any NUC approved equivalent professional qualifications (to 'a' above) recognized by the Senate of the Redeemer's University;
- iii. A minimum of five (5) credit passes at GCE/SSCE/NECO ordinary level (obtained at not more than two (2) sittings).

b Master of Science (MSc) in Gender and Development Studies

Admission into Master of Science Degree in Gender and Development Studies is open to holders of:

- i. A minimum of Second Class Honors Degree in Gender Studies, and any other degrees in Social & Management Sciences, Law, Humanities, Education and related disciplines from any recognized University;
- ii. Students from Science Background require to undergo the Post Graduate Diploma training before admission into the MSc in Gender and Development Studies, unless in cases allowed for exception
- iii. Postgraduate Diploma in Gender and Development Studies with a minimum CGPA of 3.0 on 5 points scale of Redeemer's University, or any other recognized University, qualifies for admission into the MSc Programme;
- iv. Applicants from Science background with at least two (2) years relevant work experience in the field of Gender and Development practice could be suitable for the MSc programme;
- v. A minimum of five credit passes at GCE/SSCE/NECO Ordinary Level (obtained at not more than two (2) sittings).

c. Master of Philosophy MPhil/PhD in Gender and Development Studies:

i. Admission Requirements -

- Candidates for MPhil/PhD in Gender and Development Studies must have a total weighted average of 55– 59.9% in MSc Degree in Gender and Development Studies from RUN or a recognized University;
- All candidates must have a minimum of five credit passes at GCE/SSCE/NECO Ordinary Level (obtained at not more than two (2) sittings), including the English Language.

ii. Requirements for Conversion into a PhD Programme

- i. All candidates must have a minimum of five credit passes at GCE/SSCE/NECO Ordinary Level (obtained at not more than two (2) sittings), including the English Language.
- ii. Candidates shall register for not less than two (2) academic sessions;
- iii. Candidates with a minimum of 60.0 total weighted average scores (or CGPA of 3.50) after the required course work and seminars would be eligible to convert to PhD programme;
- iv. Candidates with an overall weighted average of 55-59.9% (or CGPA of 3.0-3.49) will proceed to thesis writing and awarded MPhil in Gender and Development Studies.

d. Doctor of Philosophy (PhD) in Gender and Development Studies

Admission into the Doctor of Philosophy Degree in Gender and Development Studies is open to holders of:

MSc degree in Gender and Development Studies with a minimum total weighted average score of 60.0 (or CGPA of 3.50) from Redeemer's University or any other recognized University.

5.2. GDS POST GRADUATE COURSES

(a) Gender and Development Studies (GDS) Post Graduate Diploma (PGD) programme

FIRST SEMESTER COURSES

COURSE CODE	COURSE TITLE	UNITS	STATUS
GDS 701	Sex Roles, Gender and Society	2	C
GDS 703	Theories in Gender and Development	2	C
GDS 705	Social Research Method I	2	C
GDS 707	Introduction to Gender Analysis and Gender-Sensitive Indicators for Development	2	C
GDS 709	Violence Against Women	2	C
GDS 711	Gender, Health, Ageing and Disabilities	2	E
GDS 713	Gender and Community Development	2	E
GDS 715	Gender and Youth Development	2	E
GDS 717	Gender, Reproductive Health/HIV & AIDS	2	E
GDS 719	Gender Issues in Education	2	E
SELECTION OF COURSES: 5 CORE COURSES & 3 ELECTIVE COURSES = 8 X 2 = 16 UNITS; C = CORE COURSES; E = ELECTIVE COURSES		16Units	

SECOND SEMESTER COURSES

COURSE CODE	COURSE TITLE	UNITS	STATUS
GDS 700	Internship /Practicum /Project	2	C
GDS 702	Gender, Policy Planning & Development	2	C
GDS 704	Gender Mainstreaming for Development: - Concepts, Process, and Procedures	2	C
GDS 706	Social Research Method II	2	C
GDS 708	Gender, Human Rights and Law	2	C
GDS 710	Gender and Civil Society Organizations	2	C
GDS 712	Gender, Agriculture and Rural Development	2	E
GDS 714	Gender, Economy and Women Empowerment	2	E
GDS 716	Gender and Entrepreneurship	2	E
GDS 718	Gender, Media and Cultural Identities	2	E
SELECTION OF COURSES: 5 CORE COURSES & 3 ELECTIVE COURSES = 8 X 2 = 16 UNITS + Internship = 19 units		19 Units	

(b) GENDER AND DEVELOPMENT STUDIES MASTERS PROGRAMME**FIRST SEMESTER****(COMPULSORY COURSES FOR ALL CANDIDATES)**

COURSE CODE	COURSE TITLE	UNITS	STATUS
GDS 801	Theoretical Perspectives on Gender and Development	3	C
GDS 803	Feminism and Feminist Political Economy	3	C
GDS 805	Advanced Social Research Method 1	3	C
GDS 807	Gender & Development Challenges in Africa	3	C
HDS 805	Gender and Disaster Management	3	C
GDS 809	Gender Issues in Reproductive Health & HIV/AIDS	3	E
GDS 811	Gender and Economic Development	3	E
GDS 813	Gender and the Labor Market	3	E
GDS 815	Gender, Education and Sustainable Development	3	E
GDS 817	Children, Youth, and Sustainable Development	3	E
GDS 819	Women, Law and Human Rights	3	E
GDS 821	Gender and Politics	3	E
GDS 823	Gender and Environment	3	E
GDS 825	Gender, Agriculture and Food Security	3	E
GDS 827	Gender, Community Empowerment, and Enterprise Development	3	E
GDS 829	Images of Women and Men in the Media	3	E
GDS 831	Gender and the Literary Arts	3	E
<i>Students are to register for 5 compulsory courses and 3 Elective courses (in specialized area) = 24 Units</i>		24	

SECOND SEMESTER COURSES (COMPULSORY COURSES FOR ALL CANDIDATES)

COURSE CODE	COURSE TITLE	UNITS	REMARKS
GDS 802	Gender Analysis and Gender-Responsive Development Planning	3	C
GDS 804	Men, Masculinities, and Development	3	C
GDS 806	Advanced Social Research Method II	3	C
GDS 808	Gender Analysis and Gender-Responsive Development Planning	3	C
GDS 810	Gender Mainstreaming in Sectors and Organizations	3	C
GDS 812	Women and Social Movement	3	E
GDS 814	Women Economic Empowerment and Entrepreneurship	3	E
GDS 816	Women, Gender and the Informal Economy	3	E
GDS 818	Gender, Science and Technology	3	E

GDS 820	Indigenous Women's Literature: Activism and Empowerment	3	E
GDS 822	Gender, Culture, and Society	3	E
GDS 824	Poverty, Gender Inequality and Development Policy	3	E
GDS 826	Sexual/ Gender-Based Violence & Female Criminality	3	E
GDS 828	Gender, Security and Human Rights	3	E
Students are to register for 5 compulsory courses and 3 Elective courses (in specialized area) = 24 Units		24	

(THIRD AND FOURTH SEMESTER COURSES)

COURSE CODE	COURSE TITLE	UNITS	REMARKS
GDS 855	Internship/ Practicum	3	C
GDS 800	Graduate Seminar Series/Thesis	6	C
<i>These 2 core courses are registered for in the Third Semester, but taken through to the Fourth Semester of programme when the student is presented for the MSc Thesis Oral Examination</i>		9	

(c) MPhil /PhD GENDER AND DEVELOPMENT STUDIES

FIRST SEMESTER

COURSE CODE	COURSE TITLE	UNITS	STATUS
GDS 901	Advanced Feminist Theories	3	C
GDS 903	Advanced Theories in Gender and Development	3	C
GDS 905	Advanced Social Research & Feminist Methods I	3	C
GDS 907	Advanced Gender and Development Frameworks & Tools	3	C
GDS 909	Gender, Environment and Climate Change	3	C
GDS 911	Women in Organization and Leadership	3	C
GDS 913	Gender, Migration and Human Trafficking	3	C
GDS 915	Gender, Conflict Management, and Peace Building	3	C
GDS 917	Women, Gender and Health	3	C
HDS 915	Gender, Emergencies, and Disaster Management	3	C
Students are to register for 4 core courses and one (1) Elective course = 5 x 3 = 15units		15	

SECOND SEMESTER COURSES

COURSE CODE	COURSE TITLE	UNITS	STATUS
GDS 902	Feminist Epistemology & Philosophy of Science	3	C

GDS 904	Advanced Gender Analysis and Gender-Responsive Development Planning	3	C
GDS 906	Advanced Social Research Methodologies & Feminist Research Methods II	3	C
GDS 908	Gender, Globalization and Sustainable Development	3	C
GDS 910	Gender, Social Welfare & Social Protection	3	E
GDS 912	Women in Politics and Governance	3	E
GDS 914	Gender, Urbanization and Urban Governance	3	E
GDS 916	Gender, Work, Family & Organizations	3	E
GDS 918	Gender Issues in the Security Sector	3	E
GDS 920	Women, Gender and Education	3	E
GDS 922	Women in Agriculture and Livelihood Options	3	E
Students are to register for 4 core courses and one (1) Elective = 5 x 3 = 15 Units			

THIRD & FOURTH SEMESTER COURSES

COURSE CODE	COURSE TITLE	UNITS	STATUS
GDS 900	MPhil Thesis	6	C
GDS 955	Internship/Practicum	3	C
<i>MPhil Thesis is registered for at the beginning of the 3rd Semester, and taken through the end of the 4th Semester when students are presented for MPhil Thesis Oral Examination.</i>		9	

(d) COURSES FOR PhD IN GENDER AND DEVELOPMENT STUDIES

FIRST SEMESTER

COURSE CODE	COURSE TITLE	UNITS	STATUS
GDS 901	Advanced Feminist Theories	3	C
GDS 903	Advanced Theories in Gender and Development	3	C
GDS 905	Advanced Social Research & Feminist Methods I	3	C
GDS 907	Advanced Gender and Development Frameworks & Tools	3	C
GDS 909	Gender, Environment and Climate Change	3	C
GDS 911	Women in Organization and Leadership	3	C
GDS 913	Gender, Migration and Human Trafficking	3	C
GDS 915	Gender, Conflict Management, and Peace Building	3	C
GDS 917	Women, Gender and Health	3	C
HDS 915	Gender, Emergencies, and Disaster Management	3	C
<i>Students are to register for 4 core courses and one (1) Elective course = 5 x 3 = 15units</i>		15	

SECOND SEMESTER COURSES

COURSE CODE	COURSE TITLE	UNITS	STATUS
GDS 902	Feminist Epistemology & Philosophy of Science	3	C
GDS 904	Advanced Gender Analysis and Gender-Responsive Development Planning	3	C
GDS 906	Advanced Social Research Methodologies & Feminist Research Methods II	3	C
GDS 908	Gender, Globalization and Sustainable Development	3	C
GDS 910	Gender, Social Welfare & Social Protection	3	E
GDS 912	Women in Politics and Governance	3	E
GDS 914	Gender, Urbanization and Urban Governance	3	E
GDS 916	Gender, Work, Family & Organizations	3	E
GDS 918	Gender Issues in the Security Sector	3	E
GDS 920	Women, Gender and Education	3	E
GDS 922	Women in Agriculture and Livelihood Options	3	E
Students are to register for 4 core courses and one (1) Elective = 5 x 3 = 15 Units			

THIRD & FOURTH SEMESTER COURSES

COURSE CODE	COURSE TITLE	UNITS	STATUS
GDS 900	PhD Thesis	6	C
GDS 955	Internship/Practicum	3	C
GDS 923	PhD Seminars in Core Specialization Area – I	3	C
GDS 924	PhD Seminars in Core Specialization Area – II	3	C
Total Number of Units = 3 x 3=9 + Thesis =6 (Total – 15units)		15 Units	

NOTE: All the courses are registered for at the beginning of the 3rd Semester, and are taken through the end of the 6th Semester, when student is presented for PhD Thesis Oral Examination. Total units = 15 Units Scores

6. TRACK TWO: HUMANITARIAN AND DEVELOPMENT STUDIES

6.1 Postgraduate Programmes in HDS:

a. Academic Programmes

- i. Postgraduate Diploma (PGD) in Humanitarian and Development Studies
- ii. MSc in Humanitarian and Development Studies
- iii. MPhil/PhD in Humanitarian and Development Studies
- iv. PhD in Humanitarian and Development Studies

b. Professional Courses:

- i. PG Diploma in Gender and Humanitarian Studies
- ii. PG Diploma in Humanitarian Logistics

- iii. PG Diploma in the Management of Complex Humanitarian Emergencies
- iv. PG Diploma in Migration and Refugee Studies
- v. PG Diploma in Project Management
- vi. PG Diploma in Monitoring & Evaluation
- vii. PGD in Social Impact Assessment and Management

c. Graduate Certificate Courses

- i. Graduate Certificate Course in Crises and Disaster Management
- ii. Graduate Certificate Course in Humanitarian Logistics
- iii. Graduate Certificate Course in Gender, Policy, and Planning for Development

6.2. Admission Requirements for PG Programmes in Humanitarian and Development Studies (HDS)

a. Post Graduate Diploma in Humanitarian and Development Studies:

Minimum requirements for admission to the postgraduate Diploma programme in Humanitarian and Development Studies include:

- i. A bachelor's degree not below Third-Class Honors, HND Upper Credit in any related discipline from recognized University
- ii. Any NUC approved equivalent professional qualifications (to 'i' above) recognized by the Senate of the Redeemer's University
- iii. A minimum of five (5) credit passes at GCE/SSCE/NECO ordinary level (obtained at not more than two (2) sittings) including English Language

b. Master of Science (MSc) In Humanitarian and Development Studies

Minimum requirements for admission to Master of Science Degree Programme in Humanitarian and Development Studies include:

- i. A minimum of Second Class Honors Degree in Humanitarian and Development Studies, Psychology, Sociology, Social Studies, Guidance and Counselling, Health Education, Mental Health, Psychiatry, Public/Community Health, Nursing, Law or any other related disciplines from Redeemer's University or any other recognized University shall qualify for direct admission into the MSc in Humanitarian and Development Studies;
- ii. Postgraduate Diploma in Humanitarian and Development Studies with a minimum CGPA of 3.0 on 5 points scale of Redeemer's University;
- iii. Other applicants with at least two (2) years significant appropriate/relevant work/demonstrable practical life experience in the field of Humanitarian and Development Studies would be suitable for the MSc programme
- iv. A minimum of five credit passes at GCE/SSCE/NECO Ordinary Level (obtained at not more than two (2) sittings).

c. Master of Philosophy (MPhil / PhD) in Humanitarian and Development Studies

- i. A candidate for MPhil/PhD in Humanitarian and Development Studies must have a total weighted average of 55 – 59.9% in MSc Degree in Humanitarian and Development Studies from Redeemer's University or a recognized University;
- ii. Candidates must have a minimum of five credit passes at GCE/SSCE/NECO Ordinary Level (obtained at not more than two (2) sittings), including the English Language.

Requirements for Conversion

- i. Candidates shall register for not less than two (2) academic sessions;
- ii. Candidates with a minimum of 60.0 total weighted average scores (or CGPA of 3.50) after the required course work and seminars would be eligible to convert to programme;
- iii. Candidates with an overall weighted average of 55-59.9% (or CGPA of 3.0-3.49) will proceed to thesis writing for the award of MPhil in Humanitarian and Development Studies.

d. Doctor of Philosophy (PhD) in Humanitarian and Development Studies

Admission into the Doctor of Philosophy Degree in Humanitarian and Development Studies is open to holders of:

- i. MSc degree in Humanitarian and Development Studies, Sociology, Social Work, Psychology, Guidance and Counselling, Health Education and Mental Health with a minimum total weighted average score of 60.0 (or CGPA of 3.50) from Redeemer's University or any other recognized University.

6.2. HDS POST GRADUATE COURSES

(a) Post Graduate Diploma (PGD)

FIRST SEMESTER COURSES

COURSE CODE	COURSE TITLE	UNITS	STATUS
HDS 701	Introduction to Humanitarian Studies & Toolbox	2	C
HDS 703	Theories & Practice in Humanitarianism	2	C
HDS 705	Management of Humanitarian Operations	2	C
HDS 707	Introduction to Migration Studies	2	C
GDS 705	Social Research Method I	2	C
HDS 709	Public Health Education	2	E
HDS 711	Gender, Culture & Human Development	2	E
GDS 709	Violence Against Women (In Emergencies)	2	E
GDS 717	Gender and Reproductive Health	2	E
GDS 721	Gender Issues in Forced Migration	2	E
Selection of Courses = 5 Core courses and 3 Electives = 8 x 2 =		16	
		Units	

SECOND SEMESTER COURSES

COURSE CODE	COURSE TITLE	UNITS	STATUS
HDS 700	Internship/Practicum/ Project	3	C
HDS 702	Gender, Health, and Humanitarian Action	2	C

HDS 704	Gender, Issues in Disaster Management	2	C
HDS 706	Human Rights, Human Services & the Law	2	C
GDS 704	Gender Mainstreaming for Development: - Concepts, Process, and Procedures	2	C
GDS 706	Social Research Method II	2	C
HDS 708	Media, Policy & Advocacy in Humanitarian Action	2	E
HDS 710	Project Management	2	E
HDS 712	Monitoring & Evaluation in Humanitarian Action	2	E
GDS 708	Gender, Human Rights & Law	2	E
GDS 718	Gender and Entrepreneurship	2	E
SELECTION OF COURSES: 5 core courses and 3 electives = 8 x 2 = 16 + 3 (Practicum)		19	

**(b) MASTER'S DEGREE PROGRAMME IN HUMANITARIAN AND DEVELOPMENT STUDIES
FIRST SEMESTER COURSES**

COURSE CODE	COURSE TITLE	UNITS	STATUS
HDS 801	Theoretical Perspectives on Humanitarian and Development Studies	3	C
HDS 803	Contemporary Issues in Humanitarian Action	3	C
HDS 805	Gender & Disaster Management	3	C
HDS 807	Contemporary Issues in Migration Studies	3	C
GDS 805	Advanced Social Research Method 1	3	C
HDS 809	Human Resource Planning & Management for Humanitarian Emergencies	3	E
GDS 809	Gender Issues in Reproductive Health & HIV/AIDS	3	E
GDS 811	Gender, Education and Sustainable Development	3	E
GDS 821	Women, Law and Human Rights	3	E
GDS 823	Gender and Environment	3	E
SELECTION OF COURSES: 5 Core Courses & 3 Electives 8 x 3 =		24 Units	

SECOND SEMESTER COURSES

COURSE CODE	COURSE TITLE	UNITS	STATUS
HDS 802	Humanitarian Operations: Environmental Health & Logistics	3	C
HDS 804	Procurement and Supply Chain Management	3	C
HDS 806	Humanitarian Assistance & Project Management	3	C
HDS 808	Humanitarian Information Management	3	C
GDS 806	Advanced Social Research Method II	3	C
HDS 810	Risk, Vulnerability & Resilience	3	E
HDS 812	Monitoring & Evaluation in Humanitarian Response	3	E
HDS 814	Understanding Society & Social Problems	3	E
HDS 816	Gender Integration in Humanitarian Action	3	E
GDS 826	Sexual/Gender-Based Violence & Female Criminality	3	E
SELECTION OF COURSES: 5 Core Courses & 3 Electives 8 x 3 =		24 Units	

THIRD/FOURTH SEMESTER COURSES

COURSE CODE	COURSE TITLE	UNITS	STATUS
HDS 800	MSc Dissertation	6	C
HDS 855	Internship/ Practicum	3	C
Total Unit Courses to be taken = 9 units			

(c) LIST OF COURSES FOR MPhil IN HUMANITARIAN AND DEVELOPMENT

FIRST SEMESTER MPhil COURSES

COURSE CODE	COURSE TITLE	UNITS	STATUS
HDS 901	Advanced Theoretical Perspectives on Humanitarian and Development Studies	3	C
HDS 903	Management of Complex Humanitarian Emergencies & Disasters	3	C
HDS 905	Advanced Social Research Methodologies & Epidemiological Methods in Complex Humanitarian Emergencies I	3	C
HDS 907	Contemporary Issues in Humanitarian Globalisation and Sustainable Development	3	E
HDS 909	Management of Ethno-communal & Religious Crises	3	E
HDS 911	Immigration and Refugee Law	3	E

HDS 913	Public Health in Complex Humanitarian Crises	3	E
HDS 915	Gender, Emergencies, and Disaster Management	3	E
HDS 917	Civil Society Organizations and Humanitarian Action	3	E
GDS 907	Advanced Gender and Development Frameworks & Tools	3	E
SELECTION OF COURSES: 4 Core Courses & 1 Elective =5 x 3 =		15	

SECOND SEMESTER MPhil COURSES

COURSE CODE	COURSE TITLE	UNITS	STATUS
HDS 902	Early-Warning and Response Systems in Conflict and Disaster Management	3	C
HDS 904	International Emergency Relief & Management	3	C
HDS 906	Advanced Social Research & Epidemiological Methods in Complex Humanitarian Emergencies II	3	C
HDS 908	Management of Refugees and Displaced Populations	3	E
HDS 910	Mental Health in Complex Emergencies	3	E
HDS 912	Gendered Dynamics of Migration	3	E
HDS 914	Humanitarian Aspects of Migration	3	E
HDS 916	Youths, Forced Migration & Development	3	E
HDS 918	Urban Disaster, Vulnerability and Displacement: Humanitarian Action and Response	3	E
HDS 920	Epidemics & Public Policies	3	E
HDS 922	Food and Nutrition in Complex Humanitarian Emergencies	3	E
HDS 924	Human Rights, Social Policy and Human Services	3	E
HDS 926	Global Trends in International Migration	3	E
GDS 904	Advanced Gender Analysis and Gender-Responsive Development Planning	3	E
Select 4 Compulsory and 1 Elective Courses = 5 x 3 = 15 units		15	

THIRD & FOURTH SEMESTER MPhil COURSES

COURSE CODE	COURSE TITLE	UNITS	STATUS
HDS 900	MPhil Thesis	6	C
HDS 955	Internship/Practicum (6 weeks)	3	C
TOTAL UNITS FOR THE SEMESTER		9	

(d) COURSES FOR PhD IN HUMANITARIAN AND DEVELOPMENT STUDIES**FIRST SEMESTER COURSES**

COURSE CODE	COURSE TITLE	UNITS	STATUS
HDS 901	Advanced Theoretical Perspectives on Humanitarian and Development Studies	3	C
HDS 903	Management of Complex Humanitarian Emergencies & Disasters	3	C
HDS 905	Advanced Social Research Methodologies & Epidemiological Methods in Complex Humanitarian Emergencies I	3	C
HDS 907	Contemporary Issues in Humanitarian Globalisation and Sustainable Development	3	E
HDS 909	Management of Ethno-communal & Religious Crises	3	E
HDS 911	Immigration and Refugee Law	3	E
HDS 913	Public Health in Complex Humanitarian Crises	3	E
HDS 915	Gender, Emergencies, and Disaster Management	3	E
HDS 917	Civil Society Organizations and Humanitarian Action	3	E
GDS 907	Advanced Gender and Development Frameworks & Tools	3	E
SELECTION OF COURSES: 4 Core Courses & 1 Elective =5 x 3		15	

SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNITS	STATUS
HDS 902	Early-Warning and Response Systems in Conflict and Disaster Management	3	C
HDS 904	International Emergency Relief & Management	3	C
HDS 906	Advanced Social Research & Epidemiological Methods in Complex Humanitarian Emergencies II	3	C
HDS 908	Management of Refugees and Displaced Populations	3	E
HDS 910	Mental Health in Complex Emergencies	3	E
HDS 912	Gendered Dynamics of Migration	3	E
HDS 914	Humanitarian Aspects of Migration	3	E
HDS 916	Youths, Forced Migration & Development	3	E

HDS 918	Urban Disaster, Vulnerability and Displacement: Humanitarian Action and Response	3	E
HDS 920	Epidemics & Public Policies	3	E
HDS 922	Food and Nutrition in Complex Humanitarian Emergencies	3	E
HDS 924	Human Rights, Social Policy and Human Services	3	E
HDS 926	Global Trends in International Migration	3	E
GDS 904	Advanced Gender Analysis and Gender-Responsive Development Planning	3	E
Select 4 Compulsory and 1 Elective Courses = 5 x 3 = 15 units		15	

THIRD, FOURTH, FIFTH AND SIXTH SEMESTERS

COURSE CODE	COURSE TITLE	UNITS	STATUS
HDS 900	PhD Thesis	6	C
HDS 927	Graduate Seminar Series I	3	C
HDS 928	Graduate Seminar Series II	3	C
HDS 965	Practicum/Internship (12 Weeks)	3	C
Total Units for Year 2 = 3X3 + Thesis 6 = 15		15	

APPENDIX: FORMAT FOR PRESENTATION OF POSTGRADUATE RESULTS



REDEEMER'S UNIVERSITY COLLEGE OF POSTGRADUATE STUDIES EXAMINATION RESULTS

FACULTY:
PROGRAMME:
SESSION:

DEPARTMENT:
LEVEL:
SEMESTER:

Raw Score Sheet

SN	MATRIC. NO.	NAMES	TUR	Course Code, Credit Unit, Status (C/E)	Course Code, Credit Unit, Status (C/E)	Course Code, Credit Unit, Status (C/E)	Course Code, Credit Unit, Status (C/E)	Course Code, Credit Unit, Status (C/E)
1								
2								

COURSE DESCRIPTION

SN	Course Code	Course Title
1		
2		
3		
4		

ABBREVIATIONS

C - Compulsory
E - Elective
TUR - Total Unit Registered



REDEEMER'S UNIVERSITY COLLEGE OF POSTGRADUATE STUDIES

EXAMINATION RESULTS

FACULTY:
PROGRAMME:
SESSION:

DEPARTMENT:
LEVEL:
SEMESTER:

Summary Sheet (POSTGRADUATE DIPLOMA)

SN	MATRIC. NO.	NAMES	PREVIOUS SEMESTERS				CURRENT SEMESTER				ALL SEMESTERS TO DATE				OUTSTANDING COURSES	STATUS
			CTNUR	CTNUP	CTCP	CGPA	TNUR	TNUP	TCP	GPA	CTNUR	CTNUP	CTCP	CGPA		
1																
2																

CLASSIFICATION OF POSTGRADUATE DIPLOMA INTERPRETATION OF GRADES

CGPA	Performance/Classification of diploma	No.
4.50 - 5.00	Distinction/Excellent	
3.50 - 4.49	Upper Credit	
3.00 - 3.49	Lower Credit	
2.00 - 2.99	Merit	
Below 2.00	Fail	

Marks	Grade	Credit Points
70-100	A	5
60-69	B	4
50-59	C	3
Below 50	F	0

ABBREVIATIONS

TNUR	Total No. of units registered
TNUP	Total No. of units passed
TCP	Total Credit Point
GPA	Grade Point Average
CGPA	Cumulative Grade Point Average
CTNUR	Cumulative Total No. of units registered
CTNUP	Cumulative Total No. of units passed
CTCP	Cumulative Total Credit Point

No. Number of students

Head of Department

NAME: _____

SIGNATURE: _____

DATE: _____

Dean (Faculty)

NAME: _____

SIGNATURE: _____

DATE: _____

Provost (CPGS)

NAME: _____

SIGNATURE: _____

DATE: _____

External Examiner

NAME: _____

SIGNATURE: _____

DATE: _____



REDEEMER'S UNIVERSITY

COLLEGE OF POSTGRADUATE STUDIES

EXAMINATION RESULTS

FACULTY:
PROGRAMME:
SESSION:

DEPARTMENT:
LEVEL:
SEMESTER:

SUMMARY SHEET (Masters /PhD)

SN	MATRIC NO.	NAMES	PREVIOUS SEMESTERS				CURRENT SEMESTER				ALL SEMESTERS TO DATE				OUTSTANDING COURSES	STATUS
			CTNUR	CTNUP	CTW	CWA	TNUR	TNUP	TW	WA	CTNUR	CTNUP	CTW	CWA		
1																
2																

CLASSIFICATION OF DEGREE

Percentage Score	Performance/Classification of degree	No.
70 – 100	Distinction	
60 – 69	Credit	
55 – 59	Merit	
50 – 54	Pass	
Below 50	Fail	

INTERPRETATION OF GRADES

Marks	Grade
70-100	A
60-69	B
55-59	C
50-54	D
Below 50	F

ABBREVIATIONS

TNUR	Total No. of units registered
TNUP	Total No. of units passed
TW	Total Weight
WA	Weighted Average
CTNUR	Cumulative Total No. of units registered
CTNUP	Cumulative Total No. of units passed
CTW	Cumulative Total Weight
CWA	Cumulative Weighted Average

No. Number of Students

Head of Department

NAME: _____

SIGNATURE: _____

DATE: _____

Dean (Faculty)

NAME: _____

SIGNATURE: _____

DATE: _____

Provost (CPGS)

NAME: _____

SIGNATURE: _____

DATE: _____

External Examiner

NAME: _____

SIGNATURE: _____

DATE: _____



REDEEMER'S UNIVERSITY

COLLEGE OF POSTGRADUATE STUDIES

EXAMINATION RESULTS

FACULTY: NATURAL SCIENCES
PROGRAMME: PGD Computer Science
SESSION: 2015/2016

DEPARTMENT: COMPUTER SCIENCE
LEVEL: 700
SEMESTER: 1

Raw Score Sheet

SN	MATRIC. NO	NAMES	TUR	CMP 711 3C	CMP 713 3C	CMP 715 3C	CMP 717 3E	CMP 719 3E
1	RUN/CMP/15/2224	Adio Sogo Sunday	15	70	75	77	68	70
2	RUN/CMP/15/2225	Oguntunde Bola Abosede	15	77	71	74	70	66

COURSE DESCRIPTION

SN	Course Code	Course Title
1	CMP 711	Concept of Object oriented Programming
2	CMP 713	Data and Object Structuring
3	CMP 715	Analysis Modeling and Design
4	CMP 717	Data Communication & Networking
5	CMP 719	Data

ABBREVIATIONS

C - Compulsory

E - Elective

TUR - Total Unit Registered



REDEEMER'S UNIVERSITY

**COLLEGE OF POSTGRADUATE STUDIES
EXAMINATION RESULTS**

FACULTY:
PROGRAMME: PGD Computer Science
SESSION:

DEPARTMENT:
LEVEL:
SEMESTER:

Summary Sheet (POSTGRADUATE DIPLOMA)

SN	MATRIC. NO	NAMES	PREVIOUS SEMESTERS				CURRENT SEMESTER				ALL SEMESTERS TO DATE				OUTSTANDING COURSES	STATUS
			CTNUR	CTNUP	CTCP	CGPA	TNUR	TNUP	TCP	GPA	CTNUR	CTNUP	CTCP	CGPA		
1	RUN/CMP/15/2224	Adio Sogo Sunday					15	15	72	4.8	15	15	72	4.8	0	Excellent
2	RUN/CMP/15/2225	Oguntunde Bola Abosede					15	15	72	4.8	15	15	72	4.8	0	Excellent

CLASSIFICATION OF DIPLOMA INTERPRETATION OF GRADES ABBREVIATIONS

CGPA	Performance/Classification Of diploma	No.
4.50 - 5.00	Distinction/Excellent	2
3.50 - 4.49	Credit	
3.00 - 3.49	Pass	
2.00 - 2.99	Merit	
Below 2.00	Fail	

Marks	Grade	Credit Points
70 - 100	A	5
60 - 69	B	4
50 - 59	C	3
Below 50	F	0

TNUR- Total No. of units registered
 TNUP - Total No. of units passed
 TCP – Total Credit Point
 GPA – Grade Point Average
 CGPA – Cumulative Grade Point Average
 CTNUR- Cumulative Total No. of units registered
 TNUP- Cumulative Total No. of units passed
 CTCP – Cumulative Total Credit Point
 No. – Number of students

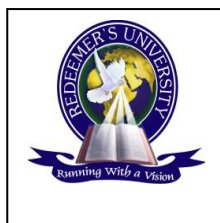
Head of Department
NAME: _____
SIGNATURE: _____
DATE: _____

Dean
NAME: _____
SIGNATURE: _____
DATE: _____

Provost CPGS
NAME: _____
SIGNATURE: _____
DATE: _____

External Examiner
NAME: _____
SIGNATURE : _____
DATE: _____

Appendix Ic



REDEEMER'S UNIVERSITY

COLLEGE OF POSTGRADUATE STUDIES

EXAMINATION RESULTS

COLLEGE:
PROGRAMME:
SESSION:

DEPARTMENT:
LEVEL:
SEMESTER:

SUMMARY SHEET (MASTERS /PhD)

S N	MATRIC NO	NAMES	PREVIOUS SEMESTERS				CURRENT SEMESTER				ALL SEMESTERS TO DATE				OUTSTANDING COURSES	STATUS
			CTNUR	CTNUP	CTW	CWA	TNUR	TNUP	TW	WA	CTNUR	CTNUP	CTW	CWA		
1	RUN/CMP/15/ 2224	Adio Sogo Sunday					15	15	1080	72.00	15	15	1080	72.00	0	Good Standing
2	RUN/CMP/15/ 2225	Oguntunde Bola Abosedo					15	15	1074	71.60	15	15	1074	71.60	0	Good Standing

CLASSIFICATION OF DEGREE INTERPRETATION OF GRADES ABBREVIATIONS

Percentage Score	Performance/Classification Of degree	No.
70 – 100	Distinction	
60 – 69	Credit	
55 – 59	Merit	
50 – 54	Pass	
Below 50	Fail	

Marks	Grade
70-100	A
60-69	B
55-59	C
50-54	D
Below 50	F

TNUR- Total No. of units registered
TNUP- Total No. of units passed
TW – Total Weight
WA – Weighted Average
CTNUR- Cumulative Total No. of units registered
CTNUP- Cumulative Total No. of units passed
CTW – Cumulative Total Weight
CWA – Cumulative Weighted Average
No. – Number of Students

Head of Department
NAME: _____
SIGNATURE: _____
DATE: _____

Dean
NAME: _____
SIGNATURE: _____
DATE: _____

Provost, CPGS
NAME: _____
SIGNATURE: _____
DATE: _____

External Examiner
NAME: _____
SIGNATURE : _____
DATE: _____

APPENDIX: MISCELLANEOUS FORMS AND APPENDAGES



EDEEMER'S UNIVERSITY, EDE
COLLEGE OF POSTGRADUATE STUDIES

INDIVIDUAL EXAMINER'S CONFIDENTIAL REPORT

Name of Candidate: Matric. No:
Department: College:
Programme: Area of Specialization:
Title of Thesis:
.....

EXAMINER'S REPORT

1. Research Design:

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2. Research Execution/ Implementation:

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3. Relevance and Adequacy of Literature Review:

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4. Assessment of the Candidate's Knowledge of the Subject Matter and Discussion of Findings:

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4. Literary Quality of the Thesis:

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5. Assessment of the Candidate's Contribution to Knowledge:

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6. Areas of Deficiency in the Thesis to be addressed by the Candidate:

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7. Declaration as to the Merit or otherwise of the Thesis:

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Names Signature of Examiner **Date**

Please attach additional Sheet(s) if required



Thesis Title and Abstract Registration Form

REDEEMER'S UNIVERSITY

COLLEGE OF POSTGRADUATE STUDIES

PhD THESIS TITLE AND ABSTRACT REGISTRATION FORM

NAME OF CANDIDATE (*Surname first in capital letters*):

MATRICULATION NUMBER:.....

YEAR OF FIRST REGISTRATION:

DEPARTMENT:.....

COLLEGE:

AREA OF SPECIALIZATION:

TITLE OF THESIS:

ABSTRACT:

Begin abstract here! Maximum 500 words!

Name/Date/Signature of Main Advisor:

Name/Date/Signature of Head of Department:

Name/Date/Signature of College P.G Coordinator:

Name/Date/Signature of Provost, CPGS:



REDEEMER'S UNIVERSITY
COLLEGE OF POSTGRADUATE STUDIES

PhD PROGRESS REPORT FORM (Final)

Completed form should be submitted to the Dean, College of Postgraduate Studies

Name of the Candidate: Matric. No.

College:

Department:

Proposed Titled of the Thesis:

Date of 1stRegistration:

Assessment of progress field (to be filled in by the student's Main Advisor: Max. 500 words):

(The student should attach a written report of his progress (max. 2 pages). The progress report discusses the candidate's activities since the date of 1st registration)



**REDEEMER'S UNIVERSITY
COLLEGE OF POSTGRADUATE STUDIES**

Target date of the PhD Defense:

Main Advisor's Name:

Date: Signature:

2nd Advisor's Name:

Date: Signature:

3rd Advisor's Name: Signature:

Date: Signature:

Head of Department's Name:

Date: Signature:



**REDEEMER'S UNIVERSITY, EDE
COLLEGE OF POSTGRADUATE STUDIES**

EXAMINERS' CONFIDENTIAL REPORT

1. NAME OF CANDIDATE:
 (Surname in Capital) (First Name) (Other Name)

2. CANDIDATE'S REGISTRATION NUMBER:

3. DEGREE (*In full*)

4. EXAMINATION RESULTS ON COURSEWORK:

(a)	Course Code	Course Title	Units	Grade
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(b) Weighted Average: Remarks:

(c) Semester and Session when Coursework was finally Passed:

5. Date of Oral Examination:

6. Title of Thesis:

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7. Evaluation of the Research Work as shown in the Thesis and Oral/Written Examination:

(a) Assessment of Candidate's Knowledge and Understanding of the Subject (*including problem identification and use of relevant, up-to-date literature*):

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(b) Assessment of the Appropriateness of Data Collection and Analysis:

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(c) Assessment of Candidate's Discussion of Findings and Implications of the Study:

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(d) Assessment of Candidate's Contribution to Knowledge and/or Practice:

.....

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8. Recommendations: (*Complete only one of the six sections below*):

(a) Is this thesis acceptable in its present form in partial fulfillment of the requirements of the degree?

.....

.....

(b) Is this thesis acceptable in its present form subject to minor editorial amendments? (*If yes, please indicate details of amendments*)

.....

.....

(c) Is this thesis unacceptable in its present form because it requires structural or major amendments (*such as re-writing some portions of the thesis but student requires no re-examination, only certification by all the examiners?*)

.....
.....
(d) Should student be re-examined in accordance with Regulation 30 (iii)? *(Indicate as appropriate)*

.....
.....
(e) Is thesis considered inadequate or unworthy of the degree, and hence Regulation 30(iv) applies? *(If yes, formal College recommendation should be made immediately for Board's determination)*

.....
.....
(f) Is thesis rejected in its entirety *(meaning the degree cannot be awarded)?*

9) A declaration as to the fitness, or otherwise, of the candidate to receive the degree:
.....
.....

10. University Examiners

(a)
Name of Chief Examiner (HOD)

.....
Rank

.....
Signature

.....
Date

(b)
Name of Advisor

.....
Rank

.....
Signature

.....
Date

(c)
Name of Co-Advisor

.....
Rank

(d)
Name of Examiner

.....
Rank

Signature

.....

Date

Signature

.....

Date

(e)

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Name of Examiner (CPGS)

.....

Rank

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Signature

.....

Date

11. External Examiner:

Name

.....

Rank

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Signature

.....

Date

ANNUAL PhD PROGRESS REPORT FORM

NAME OF CANDIDATE: _____

MATRICULATION NUMBER: _____

YEAR OF FIRST REGISTRATION: _____

DEPARTMENT: _____

COLLEGE: _____

AREA OF SPECIALIZATION: _____

PROPOSED TITLE OF THESIS: _____

ANNUAL PROGRESS REPORT FORM

(To be filled by the PhD candidate)

1. Outline your achievements in the last one year? Outline your progress against established milestones/goals and comment on any difficulties that may have hindered your progress. (Attach more sheets, if necessary)

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2. Have you presented your work to your Advisors in the last one year? Yes/No

If your answer is no, please give the reasons.

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3. How often and by what means (e.g. email, personal meetings, etc) have you maintained contact with your Advisors? Please mention.

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4. Are there issues or concerns that you had raised with your Advisors that have not been resolved? Please mention.

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5. On an average, how many hours per week (including weekends) can you say that you have dedicated to your thesis/research during this reporting period?

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6. List any publications, conference/journal since your last six-monthly report

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7. How many seminars have you presented in the last one year? Please, state the dates and titles of the seminar presentations.

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8. Please provide an outline of your goals/ milestones planned for next one year. Include a timeline.

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.....
Candidates Signature:

.....
Date:

To be filled in by the Advisors

(Please complete this form on the basis of above Progress Report by the Candidate)

1. How often and by what means of contact (e.g. email, meetings) has been made with the student for supervision?

.....
.....

2. How satisfied are you with the frequency of contact you have had with your student?
Please circle.

Very satisfied Satisfied Marginally satisfied Not satisfied

3. Please rate the candidate's overall progress since the last session's report. Please circle.

Excellent Good Satisfactory Less than satisfactory
Not Progressing

4. If the candidate is not progressing as expected, please, specify what measures the candidate need to take and a timeframe within which issues must be resolved.

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.....

5. Comment generally on the candidate's outline of goals/ milestones planned for the next one year.

Major Advisor's Signature:

Date:

Co-Advisor's Signature:

Date:

Co-Advisor's Signature:

Date:

Head of Department's Signature:

Date:



College of Postgraduate Studies

Thesis Advisory Committee (TAC) Report Form

PhD Programme in:

Instructions & Notes:

1. The Advisor, the student and the Chairperson of the TAC are responsible for calling TAC meetings. TAC will hold once every 6 months or once every semester. At least 3 of the TAC Members must be present at each meeting with the student.
2. This form is to be completed and endorsed by all TAC members upon conclusion of the TAC Meeting. The completed form should be submitted to the Secretary CPGS after each TAC meeting. **Note:** The report should be submitted in a sealed envelope. The TAC should not allow student to have access to the contents of the report.

Part A – To be completed by Student and forwarded to (TAC) Members

Student's Name:

Mode of Study: Full-Time

Part-Time

Thesis Advisor:

Semester no:

Thesis Title:

Advisory Committee Members:

Signatures:

1. Chair

2.

3.

Meeting Date:

Last Report Submitted:

Expected Date of Thesis Defense:

*If student has a co-advisor, both Advisor and Co-Advisor must attend the meeting physically or electronically (e.g. by skype).

Student Assessment (attach additional pages as necessary)
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1. Describe the progress you have made this year toward the completion of your Thesis.

Please be specific. If you have not completed the goals outlined in your previous progress report, please explain why. If you have submitted or published any written work (articles, chapters for your Thesis, etc.) since your last report, please attach copies to this document.

AIM 1:

AIM 2:

AIM 3:

2. Describe the work that remains to be completed on your Thesis and your anticipated date of submission. Please include a schedule of each step to be taken during the next year. Your schedule should include studies/experiments to be completed, dissertation chapters or articles to be written, committee meetings to be held, etc. Provide the expected timeframe for completion.

3. Based on your plan of study, when do you plan to submit your Thesis?

(Month, Year)

Student's Signature: _____

Date: _____

Part B – To be completed by the Advisor

Advisor Assessment (attach additional pages as necessary)

1. What is your assessment of the student's progress during the stated academic year?

2. Do you find the timetable outlined by the student to be appropriate and feasible?

Yes

No (if no, please explain)

3. Please indicate the format and frequency of scheduled meetings with the student during the period covered by this report. If you have not held any meeting with the student, please explain.

Format: individual Group

Frequency: Daily Weekly Monthly Other (explain)

Advisor's Signature: _____

Date: _____

Part C – To be completed by the Chair, following recommendation of TAC Members

Chair of TAC (Attach additional pages as necessary)

1. Student may begin writing dissertation:

Yes

No

2. Recommended date for next meeting:

Recommendations:

First priority:

Other priorities:

Year 1			
Does the student have a clear plan for Thesis work, well-articulated in the submitted research proposal?	<input type="checkbox"/>		<input type="checkbox"/>
Is there a detailed plan for the work to be conducted by the student over the next 12 months?	<input type="checkbox"/>	Yes	<input type="checkbox"/> No
Year 2			
Is there clear evidence of progress toward defining/meeting the goals of the Thesis proposal?	<input type="checkbox"/>	Yes	<input type="checkbox"/> No
Do current directions point toward one or more Thesis chapters?	<input type="checkbox"/>	Yes	<input type="checkbox"/> No
Year 3			
Will the student prepare/submit a first-author manuscript over the course of The next year?	<input type="checkbox"/>	Yes	<input type="checkbox"/> No
Will Thesis research likely be completed before mid-year 3?	Yes	<input type="checkbox"/>	<input type="checkbox"/>
If not, is the student on a plausible track towards completion?	Yes	<input type="checkbox"/>	<input type="checkbox"/>
If not, should the student continue on this Thesis project?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Year 4+			
Please have Sub-Dean CPGS attend TAC meeting			

For all years:			
TAC's General Assessment of Student	Excellent	Average	Plan for improvement
Mastery of basic knowledge in field			
Mastery of laboratory techniques			
Originality in field			
Capacity for conscientious, hard work			
Ability to express science in writing			
Ability to express science in orally			
Scientific and intellectual maturity			

OUTER FRONT COVER

A. G. GRILLO, PhD (2016)	INFLUENCE OF PARENTS' OCCUPATION AND FAMILY FUNCTIONING ON THE MANIFESTATION OF CHILDHOOD PSYCHOPATHOLOGY IN LAGOS METROPOLIS (FONT SIZE: 20 points, Times New Roman) ADETOLA G. GRILLO (MATRIC NUMBER:) 2016
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* The labeling on the spine should read top down –Candidate's Name, degree, date - but should be so oriented that when the book is laid flat with the cover up, the words and dates on the spine are upright.

(FONT SIZE: 12 points, Times New Roman)

FORMAT FOR INNER FRONT COVER OF PROJECT THESIS

Appendix IIIb

**INFLUENCE OF PSYCHOSOCIAL FACTORS ON EMOTIONAL INTELLIGENCE AND PSYCHOLOGICAL
WELLBEING OF NURSES IN PUBLIC HOSPITALS IN SOUTH WEST NIGERIA**

**IMISIOLUWA O. IBIKUNLE
(MATRIC NO:)**

2016

(FONT SIZE: 12 points, Times New Roman)

Specimen Title Page for Master's Dissertation/PGD Project

**RELIGIOUSITY AND PERSONALITY TRAITS AS PREDICTORS OF HEALTH RISK BEHAVIOURS OF
UNDERGRADUATES OF REDEEMER'S UNIVERSITY, EDE**

Appendix IIIc

A dissertation

**Submitted in Partial Fulfillment of the Requirements for Award of the Degree of
Master of Science in Clinical Psychology**

of

Redeemer's University, Ede

Oyindamola Onyekachukwu Aniemeka

(Matric No:)

2016

**Department of Behavioural Studies
College of Management and Social Sciences**

(FONT SIZE: 12 points, Times New Roman)

Specimen Title Page for PhD & MPhil Theses

**INFLUENCE OF PSYCHOSOCIAL FACTORS ON EMOTIONAL INTELLIGENCE AND PSYCHOLOGICAL
WELLBEING OF NURSES IN PUBLIC HOSPITALS IN SOUTH WEST NIGERIA**

A Thesis

Appendix III d

**Submitted in Partial Fulfilment of the Requirements for the Award of the Degree of
Doctor of Philosophy in Clinical Psychology**

of

Redeemer's University, Ede

by

Imisioluwa Olubunmi Ibikunle

(Matric No:.....)

2016

**Department of Behavioural Studies
College of Management and Social Sciences**

(FONT SIZE: 11 points, Times New Roman)

**REDEEMER'S UNIVERSITY
DECLARATION FORM FOR THE REPRODUCTION OF RESEARCH WORK**

A thesis which is accepted by the University for the Award of a Higher Degree is placed in the University Library; the copyright of the work is retained by the author.

A candidate who is to submit a research work is required to sign the declaration below. Should the examiners require a change in the title set out below, a new form should be completed. The declaration will be destroyed if work is rejected by the External Examiner

THIS DECLARATION SHOULD BE COMPLETED AND RETURNED TO THE LIBRARY

To be Completed by the Candidate

NAME IN FULL (Block Capitals) ----- Appendix IIIe
TITLE OF PROJECT/DISSERTATION/THESIS -----
-----DEGREE
FOR WHICH RESERACH WORK IS PRESENTED -----
DATE OF AWARD OF DEGREE (to be completed by the University) -----

DECLARATION

1. I recognize that my project/dissertation/thesis will be made available for public reference and inter – library loan.
2. I authorise the Redeemer's University to reproduce copies of my project/dissertation/thesis for the purposes of public reference, preservation and inter-library loan.
3. I understand that before any person is permitted to read, borrow or copy any part of my work, that person will be required to sign the following declaration: "I recognise that the copyright in the above mentioned project/dissertation/ thesis rests with the author. I understand that copying the work may constitute an infringement of the author's rights, unless done with the written consent of the author or in accordance with the provisions of the Copyright Act which expressly permit copying without the author's consent. I further understand that no information derived from this work may be published without acknowledgement".
4. I warrant that this authorisation does not, to the best of my belief, infringe the right of any third party.
5. I understand that in the event of my project/dissertation/thesis being rejected by the Examiners, this declaration would become void.

DATE _____ SIGNATURE OF CANDIDATE: _____

(FONT SIZE: 12 points, Times New Roman)

Format for PGD/Master's Project/Dssertation

**INFLUENCE OF PERCEIVED JOB STRESS AND INCIVILITY AT WORKPLACE ON TURNOVER
INTENTION AMONG SELECTED WORKERS IN LAGOS METROPOPLIS**

(Name: Ben Femi AYANDA)

ABSTRACT

300 words (Maximum)

Keywords (Maximum 5): Job stress, incivility, turnover intention, workplace, perception

Format for Doctoral Thesis

Name: Adetola Georgina Grillo

Programme: Clinical Psychology

Influence of Parents' Occupation and Family Functioning on the Manifestation of Childhood Psychopathology in Lagos Metropolis

ABSTRACT

500 words (Maximum)

Keywords (Maximum 5): Occupation, Manifestation, Childhood, Psychopathology, Lagos

Format for Certification Page

REDEEMER'S UNIVERSITY

COLLEGE OF POSTGRADUATE STUDIES

NAME OF CANDIDATE _____ MATRIC NO. _____

COLLEGE: _____

DEPARTMENT: _____

TITLE OF PROJECT/DISSERTATION/THESIS

I certify that

1. The approved project/dissertation/thesis layout and other guidelines have been followed.
2. The information on the title page is consistent with the standard format approved by the University.
3. An abstract has been included in the project/dissertation/thesis and is satisfactory.
4. All references follow an accepted style which is used consistently.
5. The declaration form permitting reproduction of the project/dissertation/thesis has been signed by the candidate and provided for binding.

I certify that the above project/dissertation/thesis is acceptable/not acceptable in its present form.

Name & Date

Signature

Format for **APPROVAL PAGE**

I hereby confirm that this project/dissertation/thesis titled: (e.g.)

Organisational Based Self-Esteem, Work Locus of Control and Organisational Culture as Predictors of Work Engagement among Paramilitary Personnel in the Federal territory

was carried out and written by: (e.g.)

Name of Student: (e.g.) Akinwole Akintunde

Matriculation Number: (e.g.) RUN/MMP/14/5823

under my supervision.

Main Advisor: _____ **Signature & Date** _____

Approved by:

Department of Student: _____

Name of HoD: _____ **Signature & Date** _____

External Examiner: _____ **Signature & Date** _____

Provost, CPGS: _____ **Signature & Date** _____