

**BABCOCK UNIVERSITY
ILISHAN-REMO
NIGERIA**

**BULLETIN OF
THE COLLEGE OF POSTGRADUATE STUDIES**

2020 -2024

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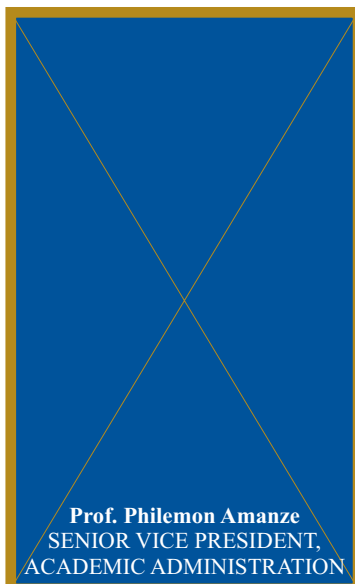
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BABCOCK UNIVERSITY ADMINISTRATION



BABCOCK UNIVERSITY

COLLEGE OF POSTGRADUATE ADMINISTRATION



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WELCOME MESSAGE FROM THE PRESIDENT/VICE CHANCELLOR BABCOCK UNIVERSITY



I welcome you to the Babcock University College of Postgraduate Studies. You have chosen a top-rated university with a community of scholars enrolled in different graduate and professional degree programs in several departments. Our Graduate programs offer learning that comes from an exceptional combination of scholarship and real-world application. The College is made up of the resources of a global research university with members of faculty who push the boundaries of increasing knowledge in their fields. The faculty members have won awards in different research areas and innovations. These scholars and mentors engage and push you academically while connecting you to the-real world of your field and dream. Another element that distinguishes the Babcock University graduate college is that it offers a unique experience to its graduate students. This includes the opportunity to work with leading academics and with some of the best libraries and collections. Our graduate programs enlist students whose talents, intellect, and curiosity make them poised to become the

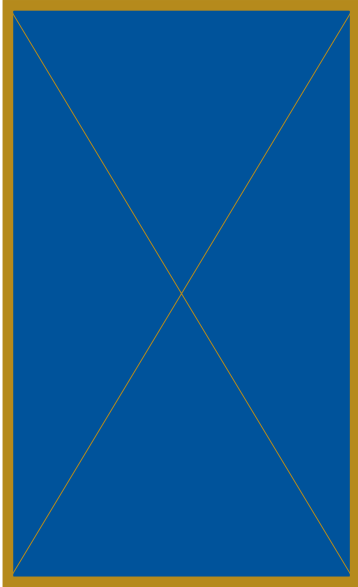
leaders in their fields of calling and endeavor. The graduate students are scholars and peers who will enlighten and challenge you whether you are studying, conducting research, sharpening your professional acumen, or building your network. As a testimonial, the Babcock University College of Postgraduate Studies has thousands of alumni spread across the countries of the world who are united by their drive for excellence and a shared humanity.

Worthy of note is that Babcock University is located in Ilishan-Remo, Ogun State, 45km between Lagos, Nigeria's biggest commercial nerve center and Ibadan, West Africa's largest city. This location makes the university accessible and connected with a global network of scholars and innovators that reach beyond the expected towards achieving the extraordinary.

I welcome you on board this train of academic and professional journey and experience. As you join us, be assured that the Babcock University College of Postgraduate Studies remains committed to promoting advanced knowledge and skills for service to God and humanity.

Professor Ademola S. Tayo.
President/Vice Chancellor

MESSAGE FROM THE SENIOR VICE PRESIDENT/ DEPUTY VICE CHANCELLOR ACADEMICS



It gives me great pleasure to welcome our postgraduate students to Babcock University's College of Postgraduate Studies. Since its establishment in 2010 as the School of Postgraduate Studies, the College has distinguished itself as a first class institution for the production of high level manpower. Babcock University is a faith based institution powered by the Adventist philosophy of Education which involves the development of the whole man – Physical, Spiritual, Mental and Social. It aims at restoring the image of God in man.

The programmes offered at the Postgraduate School are many and varied and so the production of this bulletin has been of tremendous effort, which is quite appreciated. It is a contract between all Postgraduate Students and the University. I therefore enjoin all students to make out time to study this bulletin to get them acquainted with the policies and the courses required to be done before graduation. Neglecting to do so will be at the one's peril.

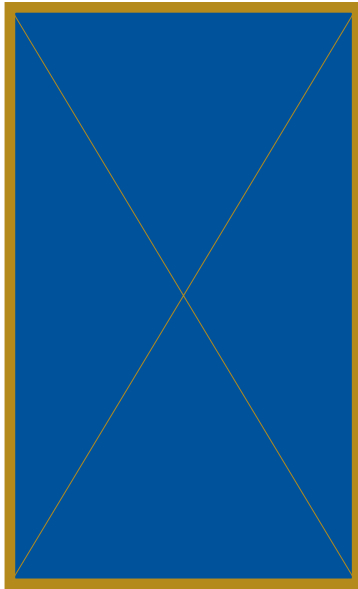
We have an excellent crop of teachers that are willing and ready to see you through your course of study at Babcock and help you with your research, which is the hallmark of postgraduate studies. Therefore, there is no reason to be engaged in any form of academic misconduct which is seriously frowned at, at Babcock. I wish you all a pleasurable and fruitful stay at Babcock University.

The future is bright, the future is Babcock, the future is you.

Prof. Amanze, Philemon

Senior Vice President/ DVC (Academics)

WELCOME MESSAGE FROM THE PROVOST, COLLEGE OF POSTGRADUATE STUDIES



It is my singular honour and privilege to welcome you to the College of Postgraduate Studies (CPGS) at Babcock University, a first-class faith-based university with a mission to train servant leaders for this world and the next. Babcock University is one out of over one hundred and fifteen (115) colleges and universities owned and operated by the global Seventh-Day Adventist Church, headquartered in Maryland, USA. You will have the exceptional privilege of benefitting from the inspiration, experience and qualitative education seasoned and prepared in over one hundred and fifty years of Adventist education globally.

As Nigeria's foremost private university, Babcock University has been a leader in producing quality and high-level manpower for government, industries and particularly for other institutions of higher learning in Nigeria and abroad. In addition to the internationally bench-marked academic programs residing in the departments, the College of Postgraduate Studies provides two of the signature and unique elements of studying at Babcock: three full-time methodologists (Education, Arts and Humanities, Management and Social Sciences, Pure and Applied Sciences), who are experts in advanced research design and are responsible for vetting the appropriateness and fit of methods and methodologies adopted by students; and two full-time editors, who vet completed draft theses and dissertations for editorial issues and compliance with the CPGS Board-approved style for theses and dissertations.

This academic bulletin provides a detailed description of the postgraduate programs of Babcock University, ranging from the postgraduate diploma programs to the doctor of philosophy programs approved by the University Senate, the International Board of Education (IBE) of the Seventh Day Adventist Church, and the National Universities Commission of the Federal Republic of Nigeria.

Certainly, this academic prospectus will serve as a dependable roadmap for our dear students, parents, departments, Schools and Colleges running postgraduate programs at Babcock University. I hereby welcome you to a unique experience of a lifetime, here at the Babcock University College of Postgraduate Studies, the place where dreams come true. It is my sincere prayer that you make excellent use of this prospectus in achieving your desired academic goals at Babcock University.

Professor Aina, D. Ayandiji

*Provost, College of Postgraduate Studies,
Babcock University, Nigeria.*

THE UNIVERSITY

OUR HERITAGE

The great education experience that is now Babcock University (BU) has its roots in the Adventist College of West Africa (ACWA), established on September 17, 1959 with an initial intake of seven ministerial students. The University is fully owned and operated by the Seventh-day Adventist (SDA) Church, and registered under the laws of the Federal Republic of Nigeria to operate as a private University and, as such, does not receive any government grants.

As a senior College, the first set of Bachelor of Arts degrees in Theology were awarded under its own name in 1966. ACWA made history in 1975 by becoming the premier institution to sign and operate an affiliation agreement with Andrews University, Berrien Springs Michigan, USA. This relationship enabled it to train students and award Bachelor's degrees from Andrews University, primarily in Biology, Business Administration, Theology, and Religion with minors in Biblical Languages, Biology, Business Administration, History, Religion and Secretarial Studies. Also, in 1975, the name Adventist Seminary of West Africa (ASWA), was adopted in response to the dynamics of its socio-political environment. The four B.A. programs were run until 1983 when restricting local factors necessitated the phasing out of the B.A. programs in Biology and Business Administration.

In 1988, ASWA reached the second milestone in its academic history in an affiliation agreement with the Seventh-day Adventist Theological Seminary of Andrews University which authorized the college to offer the M.A. in Pastoral Ministry (by extension). The M.A. Religion program was later added in 1990. Both programs were upgraded from part-time to resident status in 1992 but later reverted to summer sessions again in 1997 due to the unsuccessful search for qualified full-time teaching staff. A stop-gap measure was meanwhile taken to afford national recognition for its status and programs by way of the institution's request for a local Affiliation agreement with the University of Ibadan (UI) under the name "Babcock College". The request was still clearing the tedious hurdles of UI administrative process when BU got its own accreditation on April 20, 1999. A major bridge crossed by the institution in its quest for a charter as Babcock University, was the Accreditation Visit by a team from the National Universities Commission (NUC), representing government, the first of its kind ever in the history of the nation. This was in response to the application of the Seventh-day Adventist Church in Nigeria, for the establishment of a private tertiary institution with diverse programs ranging from the Arts to various science disciplines, technology and medicine. The Certificate of Registration No. 002 was handed over to the President of the Africa-Indian Ocean Division of Seventh-day Adventists, pioneer BU Chancellor and former Chairman of the University Council, Pastor Luka T. Daniel, at a May 10, 1999 public ceremony in the Conference Hall of the National Universities Commission in Abuja, presided over by the Honourable Minister of Education, Sam Olaiya Oni. The University was formally inaugurated by the Proprietors on June 17, 1999, in the presence of various ecclesiastical, governmental, diplomatic corps and local community leaders and dignitaries, including the Minister of Education, the Permanent Secretary in the Ministry of Education, Executive Secretary of the National Universities Commission, Registrar of the Joint Admissions & Matriculations Board, Secretary-General of the National Council on Education. Babcock University finally opened its gates to welcome the premier intake of 1006 students on September 13, 1999 and Prof. Jan Paulsen, General Conference (GC) President and world leader of Seventh-day Adventist Church, in his official capacity as Visitor to the University presided over the maiden Matriculations Ceremony on January 28, 2000.

OUR PHILOSOPHY

While upholding the importance of the highest academic standards, the uniqueness of Babcock University is to be found in the pursuance of the Seventh-day Adventist philosophy of education (full text is given below) that emphasizes the harmonious development of the academic, physical, psycho-social and spiritual potential of students. The reason for the existence of a Church-

operated institution must be sought in that uniqueness - a specificity of utmost excellence in the achievement of pre-set high morality-based spiritually powered goals. Its value must be judged by the contribution it makes directly through its community of scholars toward the fulfilment of the mission of its sponsoring organization. The pluralism of the larger society, and solutions offered to human problems by means not appropriate to totally secular agencies.

SEVENTH-DAY ADVENTIST PHILOSOPHY OF EDUCATION

Aim and Mission

Adventist education prepares students for a useful and joy-filled life, fostering friendship with God, whole-person development, Bible-based values, and selfless service in accordance with the Seventh-day Adventist mission to the world.

Philosophy

The Seventh-day Adventist philosophy of education is Christ-centered. Adventists believe that, under the guidance of the Holy Spirit, God's character and purposes can be understood as revealed in the Bible, in Jesus Christ and in nature. The distinctive characteristics of Adventist education—derived from the Bible and the writings of Ellen G. White—point to the redemptive aim of true education: to restore human beings into the image of their Maker.

Seventh-day Adventists believe that God is infinitely loving, wise, and powerful. He relates to human beings on a personal level, presenting His character as the ultimate norm for human conduct and His grace as the means of restoration.

Adventists recognize, however, that human motives, thinking, and behavior have fallen short of God's ideal. Education in its broadest sense is a means of restoring human beings to their original relationship with God. Working together, homes, schools and churches cooperate with divine agencies in preparing learners for responsible citizenship in this world and in the world to come. Adventist education imparts more than academic knowledge. It fosters a balanced development of the whole person—spiritually, intellectually, physically, and socially. Its time dimensions span eternity. It seeks to develop a life of faith in God and respect for the dignity of all human beings; to build character akin to that of the Creator; to nurture thinkers rather than mere reflectors of others' thoughts; to promote loving service rather than selfish ambition; to ensure maximum development of each individual's potential; and to embrace all that is true, good, and beautiful.

BABCOCK INSTITUTIONAL STATEMENTS

BU VISION STATEMENT

A first-class Seventh-day Adventist institution, building servant leaders for a better world.

BU MISSION STATEMENT

Building leadership through Christian education, transforming lives, impacting society for positive change.

To achieve the mission, we are committed to:

Achieving excellence in our teaching, research program, and service delivery

Imparting quality Christian education

Instilling Christ-like character to the members of our community

PHILOSOPHY

Babcock University's philosophy is anchored on the harmonious development of the intellectual, physical, social and spiritual potentials of our students, inspiring stable and noble character needed for effective leadership and service in the society.

BU CORE VALUES

- Excellence
- Integrity
- Accountability
- Servant Leadership
- Team Spirit
- Autonomy and Responsibility
- Adventist Heritage

CORPORATE IMAGE STATEMENT

A centre of excellence for character development and scholarship; a socially responsive responsible and accountable institution in matters of commitment and action.

BABCOCK UNIVERSITY ANTHEM

Hail Babcock, God's Own University
Built on the Power of His Word
Knowledge and Truth, Service to God and Man
Building a Future for the Youth
Holistic Education, the Vision Is Still Aflame
Mental, Physical, Social, Spiritual - Babcock Is It!
Hail Babcock, God's Own University
Good Life Here, and For Ever More!!!

COLLEGE OF POSTGRADUATE STUDIES

A. Mission Statement

Promoting advanced knowledge and skills for service to God and Humanity.

B. Objectives:

Our objectives are to:

Equip students with techniques for advanced learning

Lead students to develop lives of integrity based upon principles that are compatible with Adventist world view

Foster the mastery of critical evaluation, discovery and dissemination of knowledge in the community of scholars

Develop in students the ability to utilize resources such as revelation reason, reflection and research to discover truth and its implication here and hereafter.

C. Values

- Adventist Christian Heritage
- Christ centred intellect
- Honesty in Service
- Ethical responsibility
- Team work
- Individual creativity

HISTORY OF COLLEGE OF POSTGRADUATE STUDIES

There is a common adage that anything that eats must grow. This principle also conforms with academic growth. Babcock University has as its slogan – to aspire for excellence. It is in the light of its aspiration that the need to embark on postgraduate programme was conceived. At the end of the fourth convocation of the University which took place on June 4, 2006, the university administration constituted a Committee for the setting up of the School of Postgraduate Studies. This was on July 11, 2006.

Earlier, it was considered necessary to set up an administrative office which will oversee to the day to day running of the activities of the School of Postgraduate Studies. Professor Oladimeji Aborisade was invited to be the Pioneer Dean. He was on hand a couple of times to assess the facilities for take-off but could not take the appointment due to logistics reasons including immediate relocation from North Carolina, USA. Some personnel were drawn (from November 1, 2006) from the various schools and units of the University to run the School of Postgraduate Studies. Dr (now Professor) K.O. Ogunwenmo served as Ag Dean; Dr. (now Professor) Sampson Nwaomah as Vice-Dean and Elder C. O. Ogu as Deputy Registrar/Executive Secretary.

Subsequent, a Postgraduate School Committee led by Prof. C. C. Nwosu, the Director for Quality Assurance was set up with Drs (now Professors) Solomon Adebola, Yetunde Makinde and James Ogunji joining the existing management team. Their services yielded to a formal Board for the School of Postgraduate Studies which was inaugurated on January 21, 2008 with the following members:

President/Vice-Chancellor (or his nominee)
SVP, Academic Administration
Dean, School of Postgraduate Studies
Vice Dean, School of Postgraduate Studies

Chair
Vice-Chair
Secretary
Member

Bursar	Member
Registrar	Member
Dean, School of Education & Humanities	Member
Dean, School of Law & Security Studies	Member
Dean, School of Management & Social Science	Member
Dean, School of Science & Technology	Member
Director, Academic Planning	Member
Director, Quality Assurance	Member
Executive Secretary, School of Postgraduate Studies	Member

At the inauguration, the Director, Quality Assurance (VC nominee) was appointed to Chair the Board. The members worked tirelessly to get approval of the International Board of Education (IBE) in the following programmes:

SCHOOL OF EDUCATION AND HUMANITIES

1. MIRM - Masters in Information Resources Management
2. PGDE - Postgraduate Diploma in Education
3. M.Ed. - Masters in Education (Counselling Psychology)
4. MDS - Masters in Diplomatic Studies
5. M. A. - History
6. M. A. - Masters in English (with options in English Language and English Literature)

SCHOOL OF MANAGEMENT AND SOCIAL SCIENCES

7. M.Sc. Accounting
8. MBA Masters of Business Administration
9. PGD Postgraduate Diploma in Finance
10. M.Sc. Finance
11. M.Sc. Political Science
12. MPM Masters in Public Management

In December 2009, the following programmes received the approval of the National Universities Commission (NUC).

SCHOOL OF EDUCATION AND HUMANITIES

1. MIRM - Masters in Information Resources Management
2. MDS - Masters in Diplomatic Studies
3. M. A. - History
4. M. A. - Mass Communication
5. M. A./PhD - Masters in English (with options in English Language and English Literature)

SCHOOL OF MANAGEMENT AND SOCIAL SCIENCES

- 6 MBA/MSc/PhD - Business Administration
7. MSc/PhD - Marketing
8. PGD/MSc - Finance
9. M.Sc/PhD. - Political Science
10. MPM - Masters in Public Management 15

SCHOOL OF BASIC AND APPLIED SCIENCES

10. MSc./PhD - Agronomy
11. MSc/PhD. - Animal Science
12. MSc./PhD - Biochemistry

- 13. MSc./PhD - Microbiology
- 14. MSc./PhD - Computer Science
- 15. MPH/MSc - Masters in Public Health

With the concurrent approval of programmes by the NUC in December 2009, the stage was set for effective take-off of postgraduate school. For take-off, the university reconstituted the management of the school of postgraduate studies with the appointment of Professor Ayandiji Daniel Aina as substantive Dean, Mr Peter Oduroye as Deputy Registrar/ Secretary and Dr (now professor) James Ogunji as Vice-Dean. This team, together with other member of staff at the College of postgraduate studies worked tirelessly to ensure a smooth take-off. By 2011, office changed hands with the appointment of another Dean and Vice-Dean. Currently, Professor Ademola Tayo served as the Dean; Dr. (now Professor) Yacob Haliso was Vice-Dean while Mr Peter Oduroye remained as Deputy Registrar/ Secretary until 2013 when Mrs. Titilayo Owolabi took over from him. At the time of approval, a new Board for the school was also constituted in line with University Law and NUC regulations.

Another milestone was reached on July 2, 2012, as the National Universities Commission approved the establishment of the following postgraduate programmes:

M.Sc. Accounting
M.Sc./PhD Information Resources Management
M.Sc./PhD Mass Communication

NEWLY CONSTITUTED POSTGRADUATE SCHOOL BOARD

The following represent the outlook of the CPGS Board as at September, 2012:

Dean, School of Postgraduate Studies	-	Chair
Vice Dean, SPGS	-	Vice-Chair
Deputy Registrar/Secretary of PG School	-	Secretary
Provosts/Deans of participating colleges & Schools	-	Members
University Librarian	-	Member
Deputy Bursar	-	Member
Director, Academic Planning	-	Member
Director, Research and International Cooperation	-	Member
Heads of participating departments	-	Member
Participating Undergraduate Schools PG Coordinators	-	Members
Participating Departmental Co-ordinators	-	Non Voting Members

In Attendance

Head of SPGS Admissions and General Admin	-	Recording secretary
Deputy Vice President for Student Development		
Head of SPGS Examinations and Records		
Finance Officer, SPGS		

By the recommendation of the Administrative Committee of the University for the change of name from School of Postgraduate Studies to College of Postgraduate Studies, the University Council on its sitting on October 25, 2016 approved the change of name as recommended by the Administrative Committee. Hence, the Dean becomes the Provost and the Vice-Dean becomes Deputy Provost and every title follows that change.

Responsibilities of the Board of College of Postgraduate Studies

1. The Board shall have responsibilities to consider and approve the following on behalf of Senate provided such cases shall be duly reported to Senate through the Chair (VC/President):

- (a) Admission to postgraduate programmes.
- (b) Theses title and appointment of University local and External examiners
- (c) Coursework examination results
- (d) Panel of examiners for Ph.D. qualifying examination
- (e) Results of Ph.D. qualifying examination
- (f) Extension of studentship
- (g) Deferment of admission
- (h) Minimum periods of professional attachment or internships
- (i) Minimum attendance requirements for coursework
- (j) Award of postgraduate fellowships
- (k) Approval of teaching staff for postgraduate studies
- (l) All such other responsibilities as Senate may delegate to the School from time to time.

2. The Board shall, after due consideration, recommend to Senate the following:

- (a) approval of regulation or amendments to them for postgraduate studies
- (b) approval of postgraduate diploma or higher degree programmes or amendments to them
- (c) approval of postgraduate diploma or higher degrees of the University
- (d) approval of minimum education qualifications for admission into programmes
- (e) all such other responsibilities as Senate may assign from time to time.

COLLEGE OF POSTGRADUATE MANAGEMENT/EXECUTIVE COMMITTEE (EXCO)

The College of Postgraduate Board meets once a month (second week every month ahead of Senate) like other related organs including Senate, Academic congregation and the undergraduate schools Boards. The College of Postgraduate Management/Executive Committee is the Executive organ of the CPGS Board. It carries out the day-to-day activities of the CPGS and implements the decisions of the BU ADCOM, Senate and CPGS Board concerning postgraduate education. It also takes pertinent actions in behalf of the CPGS Board in the inter-Board sessions after necessary consultations and reports such to the Board at the earliest possible time. Members are as follows:

Provost, College of Postgraduate Studies	-	Chair
Deputy Provost of CPGS	-	Vice-Chair
Secretary of CPGS	-	Secretary
Head of CPGS Exams and Records	-	Member
Head of CPGS Admissions and General Admin	-	Recording secretary

SUPPORT SERVICES

University Library

Babcock University has an enviable library stocked with current books and journals. For proximity to Schools needing them, Babcock University has not less than five library service centres. All "Reference" materials and Journals in all fields are located in the Central Library.

Babcock University, for now has of over 55,000 volumes of books and 220 titles of hard journals in different fields. The university subscribes to electronic journals also. In addition to free e-journals which we access at will because of our effective internet and intranet system, we also have access to the following paid for journals:

- Academic Source Complete
- Business Source Complete
- Computers and Applied Source Complete

- Legal Collection
- Education Source Complete
- Religion & Philosophy Collections and others

These journals come with full text. Nigerian Virtual Library, a domain for Nigerian Academic publications and articles hosted by Nigerian Universities Commission, is also at the institution's disposal.

Other Graduate Support Facilities on Campus

- Science and Language Laboratories, Studios, Nnamani Political Resource Centre, Ellen G. White SDA Research Centre
- University Bookshop
- Counselling Centre
- Chaplaincy Unit

Programme Implications:

1. The fulfilment of these general and special objectives will call for the provision of a variety of postgraduate programmes which may be classified broadly into:
 - (a) long-term research-oriented courses of study and
 - (b) training; and courses of shorter duration and of practical orientation.
2. The research oriented postgraduate programmes lead to the research degrees of M.A., M.Sc., M.Ed., MIRM, MPM, M.Phil., Ph.D. Others leading to non-thesis or professional degrees such as M.B.A., MILD, MDS.
3. Apart from serving specific ends, the various diploma courses may also serve additionally to enable students to pursue the main subjects of their first degree at some depth, or to extend their range beyond the boundaries of their first degree, or even to enter into entirely new fields.

Types of Postgraduate Programmes

1. Postgraduate Diplomas (PGD)
2. Masters Degrees
 - i) Masters with coursework and research project
M.Sc., M.A., & including Professional Masters – MPM, MBA. 18
 - ii) Masters with coursework & Dissertation – M.Sc.; M.A.; MIRM.
 - iii) Masters of Philosophy with coursework & Thesis - (M.Phil)
3. Doctor of Philosophy – Ph.D.

BABCOCK UNIVERSITY
COLLEGE OF POSTGRADUATE STUDIES
2020-2024 BULLETIN

COLLEGE OF POSTGRADUATE STUDIES POLICIES

GENERAL ADMISSION REQUIREMENTS

i. Postgraduate Diploma:

A graduate from a recognized University or a person with qualification adjudged to be equivalent to a first degree (minimum of third class division) may be admitted. A holder of a minimum of upper credit in the Higher National Diploma from a recognized institution may also be admitted.

ii. Masters Degree

a. A Candidate with a first degree from a recognized University with a minimum of a second class lower division may be admitted.

b. A candidate with a good postgraduate Diploma in addition to a first degree, HND or certain professional certification from a recognized Institution may also be admitted to a Masters Degree program.

iii. Masters of Philosophy

A candidate whose weighted coursework average at the Masters level is between 3.0 to 3.49 CGPA (on 5-point grade average) or between 50% to 54.99%, which includes course work and dissertation from a recognized University, may be admitted into the M.Phil degree program.

iv. Doctor of Philosophy (Ph.D) Degree

a. **Regular Admission:** A candidate with a good Masters Degree – not less than 4.00 CGPA (on 5-point scale) or 60%, which includes course work and Dissertation from a recognized University, may be admitted.

b. **Provisional Admission:** Provisional admission to a PhD program is granted when the applicant brings a Master's degree from an institution whose recognition cannot be adequately determined (typically in the case of a foreign institution), but who otherwise has successfully met all admission requirements to the PhD program (as specified above for regular admission). Provisional admission is usually granted for one semester, at the end of which regular admission status is granted, provided that academic performance meets expected standards. A student can enroll in PhD coursework while under provisional admission.

c. Conditional Admission

i. Conditional admission to a PhD program is granted when the applicant, brings a Master's degree in a related area or in a professional, rather than academic program, if this is permitted by the corresponding department. Such candidates must have not less than 4.00 CGPA (on 5-point scale) or 60% and must consequently complete remedial coursework from the Masters (number of units and duration to be determined by corresponding department in agreement with BU CPGS), including a dissertation, not appearing on his/her transcript, prior to being granted provisional or regular admission to the doctoral program. In any case of remedial coursework, this coursework must attain the required level of proficiency (60%) in order to qualify the applicant to be admitted to the doctoral program. **No coursework may be taken which will be counted as part of the doctoral program while the student is under conditional admission.** Once remedial coursework have been satisfactorily completed, the applicant will be granted either provisional or regular admission.

ii. If the Masters level of proficiency is between 55% and 59% (or 3.50-3.99 CGPA on 5-point grade average), the applicant may be granted conditional admission, pending the completion of a specified number of remedial credits of graduate coursework (at the Masters level) recommended by the Departmental PG admissions Board; a **minimum of twelve (12) credits and a maximum of the equivalent of the credit load for one semester** (in the Masters degree curriculum), in which the minimum level of proficiency (60%) must be attained. Upon satisfactory completion, provisional or regular status may be given. No credits earned in the remedial courses as the fulfillment of the requirement for this conditional admission may be counted toward the doctoral program.

d. **Admission with Completed MPhil Degree:** If an applicant brings an MPhil in the same area of specialization as the PhD program for which application is made, this MPhil must rest on a Masters degree in the same area of specialization, with both the MPhil and the Masters degree meeting the required levels of proficiency (60% and 50% respectively). If the applicant with an MPhil does not have a Masters degree in the area of specialization, but another Master's degree that meets the required level of proficiency, then the transcript will be reviewed by the Department (if this is allowed by the Department) to ascertain which of the required courses in the Masters degree have been completed, and any outstanding deficiencies must be completed prior to provisional or regular admission to the doctoral program, at the expected level of proficiency. Once outstanding deficits have been removed and the applicant is admitted to the doctoral program, an MPhil in the same area of specialization (and only in that area) will count for the first year of the PhD program, with the student commencing with all activities of the second year of the program of studies. If the MPhil is in any area other than the PhD area of specialization, the student will commence with the first year of the doctoral program of studies.

e. **Master's Degree Proficiency 50-54%:** If the Masters level of proficiency is between 50% and 54% (or 3.00-3.49 CGPA on 5-point grade average), the applicant may be granted admission to the corresponding MPhil, in which the minimum level of proficiency (60%) must be attained. The first year of coursework from the MPhil (which corresponds to the first year of coursework in the doctoral program) will be counted as the first year of the PhD program, once the MPhil is completed satisfactorily. No portion of the second year of the MPhil program (i.e., MPhil project and/or elective courses) will be counted toward the PhD program. Upon satisfactory completion of the corresponding MPhil program, the applicant will be granted provisional or regular status in the PhD program and will commence with all requirements of the second year of the doctoral program.

REQUIREMENTS FOR COMPLETION OF GRADUATE DEGREES

i. Masters Degree

A minimum of 36 credits including a dissertation of 6 credits done over a minimum period of three semesters with a cumulative GPA of 3.00 is required.

ii. Master of Philosophy Degree

A minimum of 24 credits including a dissertation of 8 credits is required. This is to be completed over a minimum period four semesters. The coursework comprise those of the corresponding PhD program in the first year, in addition to the MPhil seminar and MPhil dissertation.

iv. Doctor of Philosophy (Ph.D) Degree 21

A minimum of 56 credits including a Thesis of 16 credits over a minimum period of six semesters is required. The course work is scheduled to be completed in the first three semesters while *the 16 credit Thesis is spread across the last four semesters* and must be registered as such by candidtates.

ADMISSIONS AND REGISTRATION

A student is not officially registered for classes until the entire registration procedure is completed each semester. A request for deferred admission must be made in writing within three months of admission and approved by Senate on the recommendation of the College of Postgraduate Studies Board.

TYPES OF MODULES

Summer Semester Module: May 1- July 15 every year

Regular Session Module: September – December; January-April every year

Elongated Semester Module: July-December; January-June every year.

N/B:

Regular Semester modality. The regular modality of graduate program delivery at Babcock University is provided during the period of the regular semester, as published in the corresponding University publications. This semester consists of a total of 15 weeks of instruction, plus an additional week for final examinations and/or other culminating course activities. The regular modality is open to all graduate students.

Elongated (extended) Semester modality. The elongated semester modality consists of 24 weeks, with all required contact hours taking place on Sunday. Students are expected to complete all non-contact course requirements (readings, research, project preparation, etc., in the amount of a minimum of 3 hours for every contact hour in lecture courses, and 5 hours for every contact hour in seminar courses) during the remainder of the week. Given the full-time work status, the maximum number of credits that may be enrolled in an elongated semester is **70 percent (70%)** of the regular semester credits. The reason for 70 percent (rather than 50 percent, which would typically be Elongated Module status of a Regular Module load) is that the Elongated Module in view here takes into account the extended semester and the number of hours of class contact hours involved.

TUITION FEE PG COURSES

Obtainable at the Bursary; subject to periodic review.

ENROLMENT AND RESIDENCY REQUIREMENT

Elongated Module academic enrolment is available at professional Masters and Doctoral levels for those with genuine reasons for doing so. A graduate student is expected to enrol for each regular academic semester (unless an official leave of absence has been granted by the Postgraduate Board) until all requirements for an advanced degree has been completed.

ACADEMIC SUPERVISION

Graduate work (especially PhD) is supervised by a committee of at least three supervisors. One of them will be the lead supervisor who takes full responsibility for fulfilling BU goal for effective and timely supervision.

ACADEMIC DISQUALIFICATION

A student may be disqualified by Senate as a result of any of the following:

- (i) Non-registration for two or more consecutive semesters
- (ii) Unsatisfactory academic achievement
- (iii) A weighted semester coursework average grade less than C (50%) for two consecutive semesters
- (iv) Failure (grade less than 50% for Core Course or 45% for GEDS Course) in more than two courses in any semester
- (v) Failure in any repeated course.
- (vi) Exceeding the official duration or approved extended duration of study

- (vii) Concurrent enrolment for more than one postgraduate program in the university
- (viii) Every student is expected to register for one semester at a time. No student is allowed to register for two semesters at the same time.

GRADING SYSTEM

Percentage	Grade	Point
80 – 100	A	5
60 – 79	B	4
50 – 59	C	3
45 – 49	D	2
40 – 44	E	1
0 – 39	F	0

MASTERS PROGRAM PERCENTILES GUIDELINES

Attendance	- 5%
Quizzes	- 10%
Assignments	- 10%
Mid-Semester Examinations	- 15%
Final Examination	- 60%
Total	- 100%

PhD PERCENTILES GUIDELINES

Rationale: The PhD is designed to make graduands authorities in the various disciplines they belong. As such, Babcock University believes the mode of assessment is dual. The first component which is 50 percent of the total marks for the semester is based on students (individually or in groups) presentation of assigned topics or term papers which are graded as follows:

a) Language of paper	- 5%
b) Methodology adopted	- 5%
c) Content/Relevance of paper	- 10%
d) Oral Presentation	- 10%
e) Corrected version of paper	- 10%
f) Active Participation in Others' work	- 10%

Total 50%

The second component as well attracts 50 percent of the total marks. It is based on attendance, written quizzes, mid-semester and final examination broken down as follows:

a) Attendance	– 5%
b) Quizzes	– 5%
c) Mid-Semester	– 10%
d) Final Examination	– 30%
	50%

GRIEVANCE PROCEDURE

A student who believes that his/her academic rights have been infringed upon or that s/he has been unjustly treated with respect to his/her academic program is entitled to a fair and impartial consideration of his/her case. S/He should do the following to address his/her concerns:

1. Present their case to the teacher(s) concerned. The teacher is required to attend to the student's complaint within five working days.
2. If necessary, discuss the problem with the Head of Department. The HOD is required to attend to the student's complaint within two working days.
3. If agreement is not reached at this level, submit them later to the School Dean (and the Provost, in case of Postgraduate students). The Dean is required to attend to the student's

- complaint within two working days.
4. Finally, ask in writing (through the Head of Department, Dean and PG Provost) for a review of the case by the Grievance Committee.
 5. A fee is charged to the student for remarking of scripts. Evidence of payment of the fee must be attached to the letter asking for remarking of scripts.
 6. If a student's grievance is upheld after an external examiner has remarked the script, the grade awarded by the external examiner would be credited to the student. The lecturer will be given a letter of reprimand and will be asked to refund the fees to the student.
 7. If the student's grievance is not sustained, the student will be given a letter of reprimand and the original grade retained.
 8. Both the student and the teacher involved in the case shall be invited to appear before the committee or to present a written statement of the case.
 9. The decision of the committee shall be presented in writing to the individuals involved within three days of the committee's meeting unless a later time is agreed upon by both parties.
 10. The decision of the committee is binding and will be implemented by the lecturer involved or the Deputy Vice-Chancellor/Senior Vice President.
 11. Legal representation is not allowed before university committees.

STUDENTS WITH DISABILITY

"Babcock University seeks to provide a conducive environment for optimal living and learning experience. While the university is working towards facilities that accommodate persons with disabilities, provisions will be made for students with disabilities under the following conditions. Students with disabilities are to:

- a. Report to Student Support Services for assessment, and obtain a clearance/recommendation at the commencement of the semester or as soon as disabling incidence occurs
- b. Show the clearance/recommendations to relevant university officials at the commencement of the semester or as soon as disabling incidence occurs
- c. Maintain ongoing contact with Student Support Services"

POSTGRADUATE REGULATIONS

A. POSTGRADUATE DIPLOMA

Article 1: How to Apply

Check admission procedure on the general regulation section

Article 2: Eligibility

- (i) An applicant for admission to a postgraduate diploma shall be:
 - a) a graduate of Babcock University; or
 - b) a graduate of any other University or Institution approved by the Senate
- (ii) In case where Regulation 2 (i) above has been breached, any admission purported to have been offered shall be cancelled.
- (iii) Notwithstanding Regulation 2 (i) above, a School may require an applicant, a) to undergo a test as may be prescribed by the University department(s) concerned with his proposed work and or
 - b) to take such other prerequisite or concurrent course(s) and as such examination(s) as shall be prescribed
- (iv) The results of such test and examinations taken under Regulation 2 (iii) shall be approved by the Board.

Article 3: PROGRAM OF STUDIES

- i) The program of studies for each diploma course shall be as approved by Senate on the recommendation of the Board.
- ii) Candidates may be required to undergo a minimum period of professional attachment or internship during the course as shall be approved by Senate on the recommendation of the Board.

Article 4: PERIOD OF STUDY

- i) No diploma program shall be less than two semesters in duration
- ii) In cases where part-time or long vacation diploma programs have been approved by Senate, such diploma programs shall not be less than four long vacations.

Article 5: SCHEMES OF EXAMINATION

- i) Examinations shall be taken at the periods approved by Senate shall be by means of written papers which shall not be less than 2 hours in duration.
- ii) No candidate shall be permitted to sit for the prescribed examination(s) unless such a candidate shall have:
 - a) appropriately registered for the course(s) leading to the examinations;
 - b) satisfied the minimum attendance of 70% required for courses; and
 - c) satisfactorily completed all other approved University, School or Departmental requirements for the program of studies
- iii) In courses where project report(s), practical or term paper(s) are required, grades obtained by each candidate shall form part of his total grade in the course. The final grade in the course however shall be based on the particular weighting before the written examination and coursework assessment applicable to the particular School.
- iv) Required Project reports or dissertations shall be graded in the same manner as applied to written coursework examinations.

Article 6: BOARD OF EXAMINERS

- i) For each Postgraduate Diploma there shall be a Board of Examiners consisting of the Head of Department who shall be Chairman and Chief Examiner and the examiner(s) for each course.
- ii) The list of members of the Board of examiners for each Department, as in Regulation 6(i) above, shall be approved by the Board on the recommendation of the appropriate School Committee at the beginning of each academic session.
- iii) The results of the Diploma examinations for each Semester during the academic year shall be submitted by the appropriate School Committee according to the stipulated format for the approval of the Board for the Semester concerned.

Article 7: MINIMUM REQUIREMENTS FOR THE AWARD

To fulfill the requirement for the award of the diploma

- i) Every candidate, shall obtain a weighted minimum coursework average of 50 (C) or better in the written examination as a whole for core courses and a grade which is not less than 45% (D) in written examination for the General Education (GEDS) courses.
- ii) No Postgraduate student shall fail (i.e. score less than 50% for core courses and 45% for GEDS courses) in more than two courses in two consecutive semesters at any level of coursework. If a student fails more than two courses in two consecutive semesters, he shall be asked to withdraw. If a student fails one or two courses in two consecutive semesters he shall repeat those courses. If a student fails any one of the repeated courses, he shall be asked to withdraw irrespective of the weighted average at the time of failure of the repeated course(s).
- iii) Where a candidate has been absent with good cause approved by Senate, he shall be allowed to take the examination at the next available opportunity without penalty.

B. MASTERS DEGREE

Article 8: In accordance with the objectives of the University, there shall be two types of Masters Degrees offered

Types of Master's Degree

- i) There shall be Masters Degree by coursework, written examination, and project report or research – M.B.A., M.P.M., MDS
- ii) There shall be Masters Degree by coursework, written examination and research dissertation – LL.M., M.A., M.Sc., MPH, M.Phil.

Article 9: APPLICATION

Check admission procedure on the previous section

Article 10: ELIGIBILITY

- (i) An applicant for admission to the Master's degree course under regulation 9(i) above shall be:
 - (a) a graduate of Babcock University or
 - (b) a graduate of any other approved University or
 - (c) a person who holds recognized qualification(s) approved by Senate.
- (ii) An applicant for the Master's degree program under regulation 10(i)(a) and (b) above shall normally, possess not lower than a Second Class, Lower Division Honours degree to be eligible for admission. Candidates whose degrees are not normally classified may be considered under certain conditions as stipulated in regulation 10(iii) below.
- (iii) Before a candidate is offered admission under regulation 10(i)(b) and (c) above, his or her qualifications must, in the first instance, have been considered and the equivalent of the degree class determined by the appropriate School Committee and recommended to the Board for approval on behalf of Senate.
- (iv) In case where Regulation 10(iii) above shall have been breached, any admission purported to have been offered shall become null and void and of no effect.
- (v) Notwithstanding Article 10(i)(a) – (c) above, a School may require an applicant, as a condition of admission:
 - (a) to pass test(s) as may be prescribed by the University Department concerned with his proposed work and or
 - (b) to take such other pre-requisite or concurrent course(s) and pass such examination(s) as shall be prescribed.
- (vi) The result of such test(s) and examinations taken under Regulation 10(v) above shall be approved by the Board.
- (vii) Each candidate may be required to present an oral and written proposal before he/she is offered admission.

Article 11: PROGRAMS OF STUDY

The Programs of studies for each Master's degree course shall be as approved by Senate on the recommendation of the School Committee.

- i) Candidates, in certain circumstances, may be required to undergo and complete satisfactorily, a minimum period of professional attachment or internship during the course or part of the program of study.
- ii) Candidates shall be required to prepare project report(s) long essay(s) or research theses. Topics for research thesis must be approved by the Board, on recommendation of the School Postgraduate Committee.

Article 12: PERIOD OF STUDY

- i) Every candidate for the Masters program specified under Regulation 8 must pursue a full-time course of study and professional or research training in the University for a period of not less than three semesters.
- ii) Candidates who are on the Master's research program including the Master of Philosophy degree as specified in Regulation 8(ii) shall be required to complete all requirements for the award of the degree including satisfactory submission and oral defense of the Masters thesis. iii) Candidates who breach the provisions of the Regulation 12(i) and (ii) above shall have their studentship terminated.
- iv) In special circumstances, application for extension of period of study shall be made through the appropriate School Postgraduate Committee for the approval of the Board. The extension shall not be beyond two additional semesters.
- v) Candidates for the Masters degree whose studentships are due to lapse shall be notified in writing at least one semester before the expiration of their studentships.

Article 13: SCHEMES OF EXAMINATIONS

- i) Examinations shall be taken at the period approved by Senate. It shall be by means of written papers which shall not be less than 2 hours. MPhil and PhD courses shall be graded through seminar presentations as outlined.
- ii) No candidate shall be permitted to sit for the prescribed examination(s) unless such a candidate shall have satisfied the provision of Regulation 5 (ii) (a) – (c)
- iii) Course examinations shall be at official University examination periods, and the provisions of Regulation 5 (iii) and (iv) above, shall apply.
- iv) The thesis requirement for the research Master's degree program shall be examined as prescribed under Regulation 16 below.

Article 14: APPROVAL OF THESIS DISSERTATION AND APPOINTMENT OF SUPERVISORS, UNIVERSITY AND EXTERNAL EXAMINERS

- i) Candidates required to submit dissertation as part requirement for the award of the research Master's degree, shall, not later than the beginning of the second semester of registration:
 - (a) be assigned a supervisor or a committee of supervisors by their Departments and approved by the Board
 - (b) Write proposals of research topics of their choice for the consideration of the appropriate School Committee and approved by the Board.
- ii) Upon compliance with Regulations 14 (i) (a) above by the candidate, the Department will complete the appropriate form for the Registration of the title of the proposed research and list of supervisors, University and External Examiners through the Faculty Postgraduate Committee for the approval of the Board.
- iii) There shall be a panel of examiners for the examination of each research dissertation iv) The panel shall be composed of at least
 - (a) the Head of Department who shall be Chief Examiner and Chairman of the panel of Examiners;
 - (b) the candidate's supervisor(s);

- (c) at least one member from a related department who will be appointed by the Board; and
- (d) one external examiner who shall not be below the rank of Senior Lecturer to be nominated by the Departmental Postgraduate Committee through the Faculty

Postgraduate Committee 28

v) The title of thesis and the panel of examiners once approved, cannot be changed unless with the approval of the Board.

vi) Any breach of Regulation 14(v) shall render the examination thereof null and void.

vii) **Timeline for Pre-Field and Post-Field Seminars for Dissertation (Master Degree)**

i Master students must spend a minimum of two months on the field before oral examination is scheduled;

ii The oral examination is preceded by the post-field seminar which is scheduled not earlier than six (6) weeks after the pre-field seminar;

iii Every post-field seminar should end on the last working day in the month of February for PhD candidates who plan to graduate in June of the same year;

iv All oral examinations should end on the last working day in April for students who plan to graduate in June of the same year.

v Where the University management adjusts the date of graduation away from the statutory date in June (*usually the first Sunday in June*), the time lines in (i) to (iv) above shall be adjusted appropriately in line with the new date, but retaining the statutory minimum periods between each stage in the writing process.

The rationale for these timelines is because of the need for ample time for intending graduands to effect corrections emanating from the oral examination as well as subject the dissertation to editorial scrutiny, in readiness for Senate approval.

Article 15: STANDARD OF PRESENTATION OF DISSERTATION

i) In accordance with Regulation 14(iv) (b) above, a dissertation shall be prepared under the direction of a supervisor(s) nominated by the Departmental Postgraduate Committee for the approval of the Board.

ii) Project Report/Long Essay or Research dissertation shall be prepared by each candidate according to the specific standard approved by the Board on the recommendation of the Faculty Postgraduate Committee.

iii) The dissertation must be a connected piece of work which may comprise a series of chapters on related topics, provided that these are accompanied by an adequate explanation of their relationship to each other and to the wider context of the subject. The dissertation, if already published in part or whole, shall be submitted in the published form.

iv) Where a dissertation or part thereof has been published or is to be published, there shall be a statement indicating that the content of the publication is in partial fulfillment of a higher degree of Babcock University.

v) A candidate may not include in his dissertation any material presented in fulfillment of the

requirements for any other degree or professional qualification in this or another University. Where it becomes necessary to do so, the material must not form more than 5% of the entire work and must be duly referenced.

vi) A dissertation must be the candidate's original contribution to knowledge or to practice in the candidate's field.

vii) Every dissertation shall normally be written in English. In cases where the thesis is permitted to be written in a language other than English (e.g. in the African and other Foreign Languages) an English version of the abstract shall be provided

viii) A dissertation must be accompanied by a short Abstract comprising not more than 500 words.

Article 16: EXAMINATION OF THE DISSERTATION 29

i) The Head of Department shall, not less than four weeks before the examination of the thesis, notify the Secretary of the College of Postgraduate Studies in writing stating the full title of dissertation and date of approval of same on the approved format.

ii) The examination of a dissertation shall be conducted at a specified venue by the panel of examiners as approved in Regulation 14 (iii) and (iv).

iii) The examination of the candidate must be oral.

iv) The examiners shall complete a report of the candidate's performance on the prescribed form at the venue of the examination. Not later than 3 working days after the examination, the Chief Examiner shall submit a copy of the duly completed Examiner's report form to the Secretary of the School.

v) If the Examiners are unable to reach a joint decision, the Chief Examiner shall within the time stipulated under regulation 16(iv) above communicate such stalemate to the Secretary, College of Postgraduate Studies and also present the report to the School Postgraduate Committee which shall consider it and make appropriate recommendation to the Board of the College of Postgraduate Studies.

vi) Notwithstanding the provision of Regulation 16(v) above, the Board may take any other steps it may deem fit and necessary in accordance with Regulation 31 (iv) or (v) below.

Article 17: PROCESSING OF THE REPORT OF THE PANEL OF EXAMINERS

i) Notwithstanding the outcome of the examination, the Chief Examiner shall process the report of the examination through the College of Postgraduate Studies as stipulated in Regulation 31 (i) and (ii) below.

ii) In the case of successful candidates, the report shall be processed along with three corrected bound copies of the dissertation, duly certified within two weeks

Article 18: FORMAT OF THE DISSERTATION

i) The bound dissertation shall conform with the prescribed *Guidelines for Writing Thesis for Higher Degree* of the University

ii) In particular, the following specifications should be complied with:

(a) all copies shall be in double spaced typescript on one side of the paper only:

(b) the size of the paper shall be A4 except for drawings and maps for which there may not be

restriction:

- (c) the margin on each sheet shall not be less than 18mm on the left-hand side, 13mm on the right, 25mm at the top, and 13mm at the bottom.
- (d) there shall be a title sheet showing:
 - the title of the work;
 - author's names in full with surname last
 - the department;
 - the degree;
 - the name of the University; and
 - the year of approval by Senate
- (e) the dissertation shall contain all or some of the following materials arranged in the following order:
 - Title
 - Acknowledgement
 - Table of Contents
 - List of Plates
 - List of Figures and Tables
 - Abstract
 - Introduction
 - Literature Review
 - Research/Methodology
 - Results
 - Discussion
 - Summary and Conclusion
 - List of References
 - Glossary (if any)
 - Appendix A (Raw Data)
 - Appendix B (Published papers by the author in support of the dissertation)
- (f) the colour of binding shall be black
- (g) the title and names on the cover shall be in gold letters with surname last and other names in full.
- (h) Candidate's name, (with initials preceding surname), title of the degree and year of award on the spine of the dissertation from top to bottom.

Article 19: MINIMUM REQUIREMENT FOR THE AWARD

- i) Candidates shall be required to satisfy the provisions of Article 7 (i) and (ii) above
- ii) In partial fulfillment of the requirements for the award of the degree, the requirements in Regulation 16 (i) –(iv) above shall have been satisfactorily completed by the appropriate Faculty Postgraduate

C. MASTER OF PHILOSOPHY (MPhil)

Article 20: METHOD OF APPLICATION

Check admission procedure on the general regulation section

Article 21: ELIGIBILITY

- i) An applicant for admission to the MPhil degree course under regulation 20 above shall be:
 - (a) a graduate of the Babcock University or a graduate of any other approved University who possesses a Master's Degree
 - (b) A candidate whose weighted coursework average at the Masters level is between 3.5 to 3.99 CGPA or between 50% to 54.99% may be admitted into the M.Phil degree

- (c) For admission to PhD after MPhil, candidates must have minimum weighted average score of 60% at the M.Phil.

D. DOCTOR OF PHILOSOPHY (Ph.D.) DEGREE

Article 22: METHOD OF APPLICATION

Check admission procedure on the general regulation section

Article 23: ELIGIBILITY

- i) An applicant for admission to the Ph.D. degree course under regulation 22 above shall be:
- (a) A graduate of the Babcock University or a graduate of any other approved institution of Higher learning who possesses a Master's Degree with research dissertation and a minimum CGPA of 4.00 on a 5 point scale or 60%.

Article 24: PROGRAMS OF STUDY AND RESEARCH

- i) The Programs of studies for the Ph.D. degree course shall be as specified and approved by Senate on the recommendation of the School Committee through the Board.
- ii) Candidates, in special circumstances, may be required to undergo and complete satisfactorily, a minimum period of professional/technical attachment or internship during the course or part of the program of study as shall be approved by Senate on the recommendation of the School Committee through the Board.
- iii) A candidate shall be required, as directed to undertake a research project and submit a written thesis on a topic approved by the Board on behalf of Senate on the recommendations of the School Committee as a part of the program of study.
- v) There must also be 70% attendance at graduate seminar paper presentation especially in one's area of specialization.

Article 25: PERIOD OF STUDY FOR PH.D. DEGREE

- i) The minimum period of study for the Ph.D. degree shall be six semesters.
- ii) No candidate shall be granted part-time registration unless the Board is satisfied that supervision will be effective throughout the period of studentship
- iii) The studentship of a Ph.D. candidate shall lapse if after eight consecutive semesters of study, a student had not presented himself for the final required Ph.D. dissertation examination.
- iv) In special cases, application shall be made before the end of period of studentship through appropriate School Committee from the department Postgraduate Committee for the approval of the Board for extension of period of study save that the extension shall not extend two additional semesters after which studentship shall lapse.
- v) Ph.D. candidates whose studentships are due to lapse shall be warned in writing at least two semesters before the expiration of their studentships and at the end of such expiration.

Article 26: RECOGNITION OF PARTIAL STUDY ELSEWHERE

- I) No candidate shall be granted part-time registration or be permitted to prosecute his studies for the Ph.D. degree of Babcock University elsewhere unless the Board is satisfied that adequate research facilities are available for the work and the supervision will be effective throughout the period of study.
- ii) The award of the Ph.D. degree of Babcock University to such a candidate under Regulation 24(i) above shall also be subject to:
- (a) The Board being satisfied with the title and original detailed plan of study before it is embarked upon;
- (b) The Board being ultimately responsible for the approval of the Supervisor on the recommendation of the Departmental/School Postgraduate Committee, and

- (c) The candidate meeting the other requirements besides the presentation and successful oral defense of the dissertation.

Article 27: EXAMINATION/ GRADING OF PH.D. COURSEWORK

Examination in prescribed courses shall be by means of graded seminar presentation and written examination as follows:

a) Graded Seminar Presentation	- 50%
b) Written Examination/CA	- 50%
Total	100%

Article 28: MINIMUM REQUIREMENTS FOR PH.D. CANDIDATES

- I) The provisions of Regulation 19(i) and (ii) shall apply to Ph.D. candidates
- ii) All candidates in the Ph.D. degree program shall pass an oral examination to be taken at the end of the thesis writing.
- iii) All candidates for the Ph.D. degree shall pass a qualifying examination the form and details of which are stated in Article 29 below.

Article 29: Ph.D. Qualifying Examination

- i) All candidates for the Ph.D. degree shall after completing the required coursework (where it is compulsory), but not later than three semester after first registration for full-time students be required to pass a qualifying examination, the manner and detail of which are as follows:
 - (a) detailed research proposal and a comprehensive bibliography on the area of specialization, theory and methods:
 - (b) The Chief Examiner shall circulate the proposal to other members of the panel at least two weeks before the examination:
 - (c) The examination shall be oral and/or written
- ii) The panel of examiners for the qualifying examination shall be composed of the Head of Department as Chief Examiner, the Supervisor(s) and at least one other member of staff from the department, another from the School and at least one from the CPGS.
- iii) Report of the qualifying examination shall be in accordance with Regulation 17(i).
- iv) A candidate who fails to satisfy the requirements of a qualifying examination may be allowed, by the Board on the recommendation of the School Committee, to repeat the examination not later than a semester after the first attempt, except that the examination cannot be repeated more than once.
- v) A Ph.D. candidate who fails to present himself/ herself for the qualifying examination by the end of the prescribed period without the approval of the Board shall forfeit his/ her studentship.

Article 30: APPROVAL OF THE PH.D. THESIS, TITLE, SUPERVISOR(S), UNIVERSITY AND EXTERNAL EXAMINERS

- I) Not later than one semester after passing the qualifying examination, a Ph.D. candidate shall submit the title of his research for approval by the Board on the recommendation of the School Postgraduate Committee. ii) Once approved, thesis titles can only be changed with the permission of the Board on the recommendation of the School Postgraduate Committee.
- iii) The student shall submit with his application for approval, the specific objectives of his/her research, expected contribution to knowledge as prescribed in the approve form.
- iv) A candidate who fails to submit his/her thesis title at the appropriate time may not be entitled to extension of period of study.
- v) The provision of Article 14(iii) and (iv) above on panel of examiners shall apply to Ph.D. candidates. However, the Board of Examiners in Article 14(iv) above for a Ph.D. candidate shall include a representative of the Board of College of Postgraduate Studies to be nominated

by the Provost CPGS on behalf of the Board. The additional member shall be expected to possess adequate knowledge of the general area of the candidate's field of proposed study and shall not have been associated with the supervision of the thesis.

vi) **Timeline between Pre Field and External Oral Examination of PhD Thesis**

- i Doctoral students must spend a minimum of three months on the field (after pre-field seminar) before post-field seminar is scheduled.
- ii Every post-field seminar should end on the last working day in the month of February for PhD candidates who plan to graduate in June of the same year;
- iii All oral examinations should end on the last working day in April for PhD students who plan to graduate in June of the same year.
- iv Where the University management adjusts the date of graduation away from the statutory date in June (*usually the first Sunday in June*), the time lines in (i) to (iii) above shall be adjusted appropriately in line with the new date, but retaining the statutory minimum periods between each stage in the writing process.

The rationale for these timelines is because of the need for ample time for intending graduands to effect corrections emanating from the oral examination as well as subject thesis to editorial scrutiny, in readiness for Senate approval.

vii) **Timeline for External Oral Examination of PhD Thesis**

- i. A minimum timeline of ***four (4) weeks*** shall be allowed between the acknowledgement of the receipt of the student's copy of PhD Thesis by the External Examiner and the actual Oral Examination.
- ii. The External Oral Examination for the PhD Thesis should hold ***not earlier than four (4) weeks*** from the date of the acknowledgement of receipt of the student's copy of PhD Thesis by the External Examiner.

Article 31: EVALUATION OF THESIS AND THE CANDIDATE'S PERFORMANCE

- i) If the candidate satisfies the examiners in the oral examination and the thesis is acceptable to the examiners subject to minor editorial amendments, such amendments shall be carried out within a period not exceeding six (6) weeks to the satisfaction of the Chief Examiner and the Supervisor(s) and be certified by them on the appropriate form. The Chief Examiner shall then, not later than two (2) weeks from the date of certification of corrections by the examiners process, the result of the College of Postgraduate Studies through the School Postgraduate Committee.
- ii) If the candidate satisfies the examiners in the oral examination, but the thesis is unacceptable to the examiners in its present form due to the need for structural or major amendments such as re-writing some portions of the thesis, the candidate shall not require re-examination. However, the structural or major amendments shall be carried out within a period not exceeding twelve (12) weeks to the satisfaction of all the Internal and external Examiners and be certified by all the examiners in the appropriate form. The Chief Examiner shall then, not later than two weeks after certification process the result to the College of Postgraduate Studies through School Postgraduate Committee.
- iii) If the thesis is satisfactory but the candidate fails to satisfy the examiners in the oral and/or written examination, the candidate may be recalled for a second oral/or written examination after a further period of study not exceeding one semester from the date of the examination and only after approval of same by the Board on the recommendation of the School Postgraduate Committee. However, the examination cannot be repeated more than once.
- iv) A thesis considered inadequate or unworthy of the award of the degree, shall not be re-submitted for re-examination in a revised and improved form unless after prior approval of the Board of Postgraduate Committee on the recommendation of the School Postgraduate Committee. The candidate shall therefore be re-examined in accordance with Article 16 (ii)

- and (iii). Such a re-examination shall be done within a period not exceeding two semesters from the date of the first oral examination. However, the re-examination cannot be repeated.
- v) A candidate whose thesis is rejected in its entirety by the examiners shall be deemed to have failed the examination and shall not be awarded the degree.
 - vi) A candidate who presents a thesis which in part or in full is discovered not to be his original work shall be deemed to have failed and shall not be qualified for the degree. Similarly, a candidate who presents a thesis which is discovered at any stage to partially or wholly contain falsified data or material shall not qualify for the degree.
 - vii) Any breach of Regulation 16(i), (iii), (iv), and (vi) shall render the examination thereof null and void.
 - viii) A candidate who fails an examination leading to the award of a degree shall not normally be permitted to re-apply for admission to the same degree program.

Article 32: FORMAT OF THE Ph.D. THESIS

A Thesis submitted for the Ph.D. degree shall be in conformity with the provisions of Article 18 (i) and (ii) above.

Article 33: STANDARD AND PRESENTATION OF THESIS

- i) Research for the degree of Doctor of Philosophy (Ph.D.) is meant to include theoretical, analytical and experimental investigation with a view to furthering knowledge and or understanding in the proposed field of study.
- ii) A candidate may, however, submit for the approval of the Board through the School Committee proposals for a critical survey of existing methods and knowledge, the systematization and logical exposition of which may be considered as a contribution to knowledge in the field surveyed.
- iii) A thesis to be approved for the degree of master's or Doctor of Philosophy shall be an original work of the candidate displaying competence in the field of study combined with exercise of critical judgment, and containing material worthy of publication as definite contribution to knowledge. It must also be satisfactory as regards literary presentation.

Article 34: GRADING OF PHD THESIS

- i) All scores related to PhD Theses shall be accumulated (on continuous assessment basis) until the Final Semester when the student completes the oral examination requirements as follows:

a. Pre-field scores	= 20%
b. Post-field scores	= 30%
c. External Oral Examination scores	= 50%
d. TOTAL SCORE	= 100%
- ii) The Pre-field scores shall be determined as follows:

a. Supervisor	= 5%
b. Rest of the Faculty	= 15% <i>(no input from supervisor)</i>
c. Total	= 20%
- iii) The Post-field scores shall be determined as follows:

a. Supervisor	= 7.5%
b. Rest of Faculty	= 22.5% <i>(no input from supervisor)</i>
c. Total	= 30%
- iv) The External Oral Examination scores shall be determined by the External Examiner, in agreement with the Panel of Examiners as follows:

a. External Examiner (assessment of written work)	= 10%
b. External Examiner (assessment of oral examination)	
<i>in agreement with the panel</i>	= 40%
c. Total	= 50%
- v) A student must earn at least 60% of the marks available for Pre-field Seminar *(minimum of 12% out of 20%)* in order to proceed to Post-field Seminar.

- vi) A student must earn at least 60% of the marks available for Post-field Seminar (*minimum of 18% out of 30%*) in order to proceed to External Oral Examination.
- vii) A student must earn at least 60% of the marks available for External Oral Examination (*minimum of 30% out of 50%*) in order to pass External Oral Examination.
- viii) A student must earn a minimum total of 60% in the overall process of PhD Thesis writing in order to pass the course.
- ix) The final grade of PhD Thesis on the student's transcript shall be classified in a way that does not attract grade point value as follows:
 - a. **Satisfactory (S) \geq 60% overall**
 - b. **Unsatisfactory (U) < 60% overall**
- x) A student who fails at any stage of the PhD Thesis writing shall continue to repeat the failed stage until it is passed, but within the general policy provisions of the CPGS guiding studentship.
- xi) External Examiners shall be notified of the CPGS's thresholds for grading PhD Theses in their letters of invitation to guide them in their grading.

NOTE: *The above steps could be adopted in grading Dissertation and Project in the Master's and Postgraduate Diploma programmes. The only exception shall be item (ix) where the actual accumulated score shall be indicated on the student's transcript with appropriate letter grade and shall attract grade point value, following the PG grading scale.*

Article 35: PROCESSING OF THE REPORT OF THE PANEL OF EXAMINERS

The provision of Article 17(i) to (iii) shall apply to Ph.D. candidates seeking to submit their theses for the approval of the Board.

Article 36: RESEARCH PUBLICATION AS REQUIREMENT FOR ORAL DEFENSE

- i) Every Masters candidate must present verifiable evidence of the publication of at least one (1) article, *extracted from the dissertation*, in a reputable peer-reviewed journal with online presence prior to the oral defense of the master's dissertation.
 - a. The candidate shall be the lead author in the article, co-authored with the supervisor(s).
 - b. Babcock University must be the institution of affiliation in the publication.
 - c. The published article must be uploaded on Babcock University's website.
- ii) Every Doctoral candidate must present verifiable evidence of the publication of at least two (2) articles, *extracted from the thesis*, in reputable peer-reviewed journals with online presence, prior to the oral defense of the doctoral thesis.
 - a. Both articles shall be co-authored by the candidate and the supervisor(s).
 - b. The main supervisor shall be the lead author in the first article while the candidate shall be the lead author in the second article.
 - c. Babcock University must be the institution of affiliation in the publication.
 - d. Both published articles must be uploaded on Babcock University's website

PART III: GENERAL REGULATIONS

Article 37: CHANGE OF COURSE

Candidates admitted to the Postgraduate Diploma, Master's, and Ph.D. programs under the regulations above may be allowed to apply for change of course, provided the following requirements are complied with:

i) Inter-Departmental Change of Course

Inter-departmental change of course shall be effected by asking the candidate to write an application stating the reasons for change of course to the Head of proposed Department through his current Head of Department.

(a) The proposed Head of Department shall after consultation with his Departmental Postgraduate Committee indicate acceptance or otherwise. Where acceptance is indicated, the Head of the proposed Department shall identify, where necessary, all remedial courses to be taken as well as possible extension of time to complete the remedial.

(b) All relevant papers shall be collated by the Head of the proposed Department and forwarded to the Board of the College of Postgraduate Studies through the Faculty Postgraduate Committee for determination.

(c) Usually such changes can only be effected within semester for Masters and Ph.D.

(d) Candidates requesting for inter-faculty change of courses may be directed to reapply afresh for admission in the normal way to the proposed School in cases of complexities.

ii) Change of Program

Candidates requesting for a change of program within the Department must go through the department to the Faculty Postgraduate Committee and the Board within one semester of first registration.

iii) Change of Mode study

A student can only be allowed to change his/her mode of study once during his/her course of study

iv) Deferment

Upon receiving admission letter, students are permitted to differ admission by completing registration process which of course includes payment of a semesters school fees

Article 38: CLASS LOAD

Regular Semester Module/Elongated Semester Module (*for the duration of each module, see TYPES OF MODULES under GENERAL ADMISSION REQUIREMENTS*)

- i. Students on the Regular Semester Module take **100%** of the course load per semester approved for each program (usually 14 credits for PhD students and 20 credits for Masters degree students; higher for programs with unique features, requirements and demands).
- ii. Students on the Elongated Semester Module take **70%** of the course load per semester approved for each program (usually 10 credits for PhD students and 14 credits for Masters degree students, higher for programs with unique features, requirements and demands).
- iii. Students (especially those in the PhD program) are expected to complete and pass all coursework before presenting their pre-field or post-field seminars.

Article 39: ADMISSIONS OF MEMBERS OF STAFF TO POSTGRADUATE STUDIES

A full-time member of the academic, administrative or technical staff of the University may be admitted to the Postgraduate diploma or higher degree program in accordance with the regulations in force at the material time, subject to the following additional requirements:

- i) Such a member of staff willing to avail himself/herself of the opportunity to pursue postgraduate studies shall be released by an appropriate Dean of the School (upon the approval of such request by the University authority)
- ii) The Director for human resources must indicate the type of release granted (full-time, part-time or day release). Such release should be such that give the staff the required time to fulfill his/her

- deadline requirement
- iii) In releasing a member of staff for postgraduate studies, the Dean of the School/DHR shall consider the relevance of the Diploma or higher degree Program to the functions that the member of staff is expected to perform and the overall development of the Department.
- iv) Where a person who has been a student under this regulation ceases to be a member of staff of the University, he shall apply to the Board to determine the condition(s) of continuance of his studentship.
- v) The Board shall, on the recommendation of the appropriate School Postgraduate Committee, prescribe the conditions for continuance of the studentship of such candidates.

Article 40: REGISTRATION OF POSTGRADUATE STUDENTS

- i) The name of an applicant who has been admitted for postgraduate studies shall be registered in the College of Postgraduate Studies.
- ii) Each School and Department shall be required to keep an up-to-date Register of Postgraduate Students in the School or Department as appropriate.
- iii) Registration of Postgraduate students shall be on the prescribed form approved by the Board and shall normally be required at the beginning of each semester during the candidate's period of studentship, provided that:
 - (a) Only candidates with authentic letters of admission from the Board shall be eligible to be so registered.
 - (b) Candidates whose studentships have expired under the regulations shall not be entitled to registration unless they have been granted extensions as appropriate by the Board.
 - (c) the period of studentship shall include the period after the oral examination (where required) up to the time of Board approval of the results;
 - (d) late registration shall be entertained only on the fulfillment by candidates of conditions approved by the Board;
 - (e) Penalty for breaching Article 40 (iii) (a-c) above shall be the termination of studentship or the imposition of fines in cases of late registration in respect of Article 39 (iii) above.

Article 41: PROGRESS REPORTS

- i) Each School and Department shall be required to keep an annual progress report on each candidate showing dates of admission, registration for courses; completion of courses, registration of title of thesis; names of supervisors, University and External Examiners; final oral thesis examination, and award of diploma or degree.
- ii) Such progress reports on candidates shall be remitted to the Board by each Faculty at the end of each session.
- iii) The Board shall prescribe the form and design of the progress report(s) as required in Regulation 41 (i) and (ii)

Article 42: MAINTAINING POSTGRADUATE STUDENTSHIP

- i) To maintain studentship for any diploma or higher degree of the University, a student shall have been duly registered as prescribed under Article 40 (iii) (a-d).
- ii) There shall be satisfactory progress report(s) on each student in respect of the coursework or the research study on the recommendation of the supervisor(s)
- ii) Penalty for breaching Article 42 (i) and (ii) above shall be the termination of studentship and withdrawal from the University.
- iii) Non-registration for two consecutive semesters shall automatically lead to termination of studentship.

Article 43: ELIGIBILITY TO TEACH AND EXAMINE POSTGRADUATE COURSES

- i) Only the following categories of staff shall, normally, be permitted to teach postgraduate courses:
 - (a) Teachers with a doctorate degree and with a minimum of one year of teaching and research experience at the University level.
 - (b) Teachers with a Master's degree with at least five years teaching and research experience

- at the University level who are not below Lecturer I status for Masters level
- (c) Teachers who are themselves not higher degree candidates under supervision in the University.
- ii) In special circumstances, other categories of teachers approved by the Senate on the recommendation of the Board;
- iii) In accordance with Article 43 (i) above, each School Committee on the recommendation of the appropriate Department, shall submit for approval of the Board at the beginning of each academic session a list of eligible members of staff qualified to teach postgraduate courses;
- iv) The Board for just cause under Article 43 (i) – (iii) above, may
 - (a) Refuse to register candidates for courses and
 - (b) Refuse to approve courses of study, if the Board is satisfied that the available teaching staff is inadequate under the Article.

Article 44: ELIGIBILITY TO SUPERVISE POSTGRADUATE PROJECT, DISSERTATION AND THESIS

Only the following categories of staff shall, normally be permitted to supervise postgraduate projects, long essays, research dissertations and thesis:

- i) Projects, Long Essays and Dissertations shall be supervised by teachers of the rank of **Lecturer 1** and above who:
 - (a) have themselves successfully undergone postgraduate research degree program of this or any other University, and
 - (b) are themselves not higher degree candidates under supervision in this or any other University.
- ii) Ph.D. Thesis shall be supervised by teachers of the rank of **Senior Lecturer** and above who themselves are Ph.D. holders
- iii) In special cases, other categories of staff approved by the Board on the recommendation of the appropriate School Committee.

Article 45: Role and Appointment of Research Supervisors for Master's, and Doctor of Philosophy (Ph.D.) Candidates

- i) Each candidate for the Master's degree by coursework and research shall have one or more Supervisors nominated by the Departmental Postgraduate Committee and approved by the Board on the recommendation of the School Postgraduate committee. The Supervisor(s) shall guide and advise the candidate as appropriate and train him in the method of research and the writing of the thesis.
- ii) Where there is more than one supervisor, others shall be designated the co-supervisor(s). The Major supervisor shall be required to prepare, at the end of each session after completion of coursework, a report on each student upon which the Board will be able to determine the studentship of the candidate.
- iii) Every student must submit to his supervisor(s) when called upon to do so, a report outlining the progress in his research during the period.
- iv) In exceptional cases, where a student is dissatisfied with his supervisor(s) approved by the Board of College of Postgraduate Studies on behalf of Senate, the student shall report in writing to the Head of Department, who after due interaction with the supervisor(s), shall consult the Departmental Postgraduate Committee. A copy of such report shall be sent to the Chairman, Faculty Postgraduate Committee. In cases where change of Supervisor is advisable, the Department Postgraduate Committee shall recommend another supervisor (taking into cognizance the area of research of the candidate) to the School Postgraduate Committee for transmission to the Board of the Postgraduate College. The recommendation shall contain reasons for the change.

Article 46: APPROVAL OF POSTGRADUATE PROGRAMS AND/OR COURSES

- i) Approval of Postgraduate diploma and higher degree programs shall be by the Senate on the recommendation of the Board.

- ii) No Postgraduate diploma, and higher degree programs, or amendments to existing courses shall be offered in the University unless the same has been approved by Senate on the recommendation of the Board.
- iii) No Postgraduate course(s), or amendments to existing course(s), shall be offered in the University unless the same has been approved by Senate on the recommendation of the Board.
- iv) Infringement of the above article 46 (i) to (iii) shall render such programs or courses null and void and of no effect, irrespective of when the infringement is detected, for purpose of the award of the ensuing diploma or higher degree.

Article 47: ADVERTISEMENT OF POSTGRADUATE PROGRAMS AND/OR COURSES

- i) Approved Postgraduate programs and/or courses shall be advertised publicly every academic session in the manner and at the time to be prescribed from time to time, as appropriate by the Board.
- ii) The non-advertisement of an approved program or course shall not be a sufficient ground for non-consideration of admission into such a program or course for the appropriate semester.

Article 48: OFFER OF POSTGRADUATE ADMISSION

- i) There shall be admission exercise held as the need arises and on schedule in a year into postgraduate programs and/or courses at times to be prescribed in line with approved modules.
- ii) Letters of offer of admission shall normally be made to successful candidates in the month preceding the session except for late admission as voted by the relevant bodies.
- iii) Notwithstanding the admission exercise provided for in Article 48 (i) above, a School may, with the approval of the Board offer admissions as many times in a year as is approved by current regulations.
- iv) The Board may, on the recommendation of the appropriate School Committee, offer postgraduate admission to qualified candidates on fellowships, field work and research attachments.
- v) Any breach of article 46 (i-iv) shall lead to forfeiture of studentship in both programs.

Article 49: TRANSFER OF CREDIT FROM AN EXTERNAL PG PROGRAM

Students wishing to transfer to Babcock University College of Postgraduate Studies from another accredited University must fulfill the following conditions:

- i) Partial academic transcripts of studies taken elsewhere must be requested and forwarded to CPGS by the University for evaluation.
- ii) Though the accepted credits will appear on the BU CPGS transcript of record, they will not enter into the GPA calculation but they can be counted towards degree requirements.
- iii) A ***maximum of eight (8) credits*** comparable to BU CPGS courses at the graduate level (not previously used toward a graduate degree or another degree) may be transferred into a master's program.
- iv) A ***maximum of fifteen (15) credits***, satisfying the aforementioned condition may be transferred into a doctoral program.
- v) If a transfer student requests a transcript from Babcock University before he graduates, credits from previous institutions attended will not be listed on the transcript.

Article 50: GRADES EARNED FROM REMEDIAL COURSES

- i) Remedial courses taken and passed as prerequisite to any postgraduate degree programme must be listed on the student's transcript.
- ii) Grades earned from remedial courses do not count toward the requirement of the degree for which the courses are prerequisite neither are they applicable toward the computation of the student's CGPA.

Article 51: MODE OF COURSE LESSON DELIVERY

- I) *Lecture-based courses.* All non-seminar courses are considered to be lecture-based courses, in which the faculty member assumes the primary responsibility for delivery of course content. Lecture-based courses require a minimum of 15 contact hours per credit, in addition

to a period for the final examination. Students are expected to complete all non-contact course requirements (for example, readings, research, and project preparation) in the amount of a minimum of 3 hours outside of class for every contact hour.

- ii) *Seminar courses.* Seminar courses are those in which the instructor serves primarily as guide and facilitator, and the students are those primarily responsible for presenting course content, based on in-depth research. Class sessions typically consist of one or more student presentations followed by discussion and critique by members of the class, guided and moderated by the instructor. Seminar courses require a minimum of 15 contact hours per credit, in addition to a period for other culminating class activity. Students are expected to complete all non-contact course requirements (for example, readings, research, and project preparation) in the amount of a minimum of 5 hours outside of class for every contact hour.

Article 52: CAPSTONE COURSE

- i) A Capstone Course is included the curriculum for each Master's and Doctoral program to expose the graduate students to the biblical and Seventh-day Adventist philosophy and framework of education. This is done in addition to the religious GEDS courses and integration of faith and learning employed in the delivery of each course in each program.
- ii) The Capstone Stone course is positioned toward the end of course work for each program so as to cap up the essence of the program from a Christian faith-based perspective.
- iii) Harmonized across all programs, the code for the Master's capstone course is 800 (eg. ACCT 800, NRSRG 800) while the code for the Doctoral capstone course is 900 (eg. BCHM 900, ENGL 900).
- iv) The nature of the capstone course requires that it **MUST** be co-taught by a teacher from the host Department and a teacher from the Department of Religious Studies.

Article 53: SELECTION OF THE BEST GRADUATING DOCTORAL STUDENT

In view of the fact that MPhil students take the courses in the first year of the PhD curriculum as part of the requirements for graduation; in view of the fact that MPhil graduates admitted into the PhD programme move straight to the second year of the PhD curriculum; and in view of the yawning disparity between the average total number of credits earned at the completion of the PhD programme by students admitted into the PhD programme with MPhil degrees and students admitted directly into the PhD programme with Masters degrees:

- i) Only graduating doctoral students who were admitted directly into the PhD programme and who have completed the full curriculum for the PhD programme are considered in the selection of the best graduating doctoral student.
- ii) Graduating doctoral students who were admitted into the PhD programme with MPhil degrees are not considered in the selection of the best graduating doctoral student, irrespective of the CGPA obtained.

Article 54: ACADEMIC HONESTY

Babcock University has a zero tolerance for any form of academic dishonesty. Morally and spiritually, the institution is committed to scholastic integrity. Consequently, both students and staff are required to maintain high, ethical Christian levels of honesty. Transparent honest behavior is expected of every student in all spheres of life. Academic dishonesty issues include such practices as plagiarism, unauthorized use of notes or textbooks (hard or digital copies) in quizzes and examinations, copying or spying on the test paper of another student (formal or take-home), talking to another student during examinations.

- i) Teachers must explain clearly the requirements and regulations for assignments, examinations, and projects, such as "open book" or "peer collaboration". It is expected that the teacher's course outline (syllabus) should be explicit on the regulations.
- ii) Students assume responsibility to avoid plagiarism by learning the proper procedures for acknowledging borrowed wording, information, or ideas. Otherwise students might innocently misrepresent others' material as their own.
- iii) Academic dishonesty issues are referred to Senate Panel on Examination and Academic Misconduct (SPEAM) who investigates and makes recommendations to Senate. Penalties for

examination and academic misconduct are spelt out in the students' handbook and in other regulations as published from time to time.

- iv) When a teacher or examination invigilator suspects academic dishonesty in some form, such as cheating or plagiarism, the lecturer must first confront the student with the dishonesty and document the confrontation before witnesses, if available.
- v) Then the case should be referred to Senate Panel on Examination and Academic Misconduct (SPEAM), who would notify the department promptly.
- vi) Such academic matters would automatically result in a failing grade for the examination, and suspension, or outright dismissal from the University.
- vii) If a postgraduate student is found guilty of plagiarism beyond reasonable doubt at any stage of writing the Project, Dissertation or Thesis, (a) the student will be suspended for one academic year. Upon resumption, (b) the research topic/title will be changed and (c) the supervisor will be changed.
- viii) A student may appeal Senate's decision either for leniency or misjudgment.

COURSE DESCRIPTION FOR GENERAL EDUCATION DIVISION STUDIES (GEDS) COURSES

GEDS 701: RELIGION AND SOCIETY

2 Credits

The course is designed to expose students to the various scientific and philosophical thoughts, which directly and indirectly influence modern person's concept of God. It considers reasons for belief in the reality and relevance of God in contemporary society, highlighting such major areas as the concept of God, attributes of God, means of revelation of God, works of God for humanity, the problem of evil, a balanced Christian worldview, and moral decision making. It also explores the impact of religion on the various aspects of human existence and endeavor, seeking to establish Bible-based balance between desired and perceived impacts of religion on the human society.

GEDS 702: STATISTICS

2 Credits

The following topics will be studied – Measures of central tendency (mean for ungrouped and grouped data, geometric and harmonic means, median and mode of grouped and ungrouped data); Measures of variation (mean deviation, variance, standard deviation, summarizing data through the mean and standard deviation); Association (correlation and regression, methods of drawing regression curve, approximate method, least square method, interpretation of regression equation line, rank order correlation, Spearman's correlation coefficient); Test of Hypotheses and Significance (statistical decision, statistical hypothesis, Type I and Type II error, t-test, F-test, analysis of variance for one-factor and two-factor experiment, analysis of covariance, binomial distribution, probability distribution); Sampling (population sampling, sample sampling with or without replacement, sample variance, population variance, statistical inference); Estimation (biased and unbiased, point estimation, interval estimation, reliability, confidence, standard error of estimates)

GEDS 712: BIOSTATISTICS

2 Credits

Problem-solving is an important characteristics of academic scholarship, especially in designing and conducting research to solve human-related problems of development. Biostatistics is an important tool for problem-solving when engaging research at any level. This course is designed to introduce to students the principles of data collection, organization, and interpretation to facilitate meeting the need in designing and implementing research protocol. The course will enable students understand principles underpinning data analysis including inferential statistics for decision making in research, which is the basis for quantitative analysis of research findings. This course will introduce the fundamental principles of collecting, organizing, and presenting data. It will also feature important characteristics of the normal distribution of central location and variations, probability distribution, sampling, confidence intervals, test of hypotheses as defined by the t-tests, z-test, chi-squared tests, correlation analysis, simple and multiple regression analyses.

GEDS 722: STATISTICS FOR HUMANITIES

2 Credits

This course is designed to expose postgraduate diploma students in fields of study that do not require high and extensive levels of statistics to basic statistics for graduate research in their fields of study. With major emphasis on descriptive and mild aspects of inferential statistics, the following topics will be studied: Measures of central tendency (mean for ungrouped and grouped data, geometric and harmonic means, median and mode of grouped and ungrouped data); Measures of variation (mean deviation, variance, standard deviation, summarizing data through the mean and standard deviation); Association (correlation and regression, methods of drawing regression curve, approximate method, least square method, interpretation of regression equation line, rank order correlation, Spearman's correlation coefficient). *Special emphasis is placed on the use of modern and relevant statistical packages and software in analysing data for studies as well as the interpretation of analysed data in studies.* The course promotes the value of excellence and integrity in the workplace.

GEDS 801: RELIGION, FAITH AND MORALITY

2 Credits

The course is designed to provide an in-depth opportunity for the graduate students to discover the relationship between religious beliefs and morality. Selected ethical and moral issues from the perspective of social ethical theories and practices will be considered. These include how religious

faith and belief system affect one's perception of moral issues as well as the existential problem of sin and its impacts our moral judgment vis-a-vis our relationship with God. The course also examines the phenomenal technological advancement and its concomitant challenge of decline in morality. The view that the society plays a defining role in shaping human moral conduct is equally examined. The role of conscience in relation to an individual's moral life is also highlighted. Closely related to this is an assessment of human laws and their limitations. With a balanced Christian worldview as a backdrop, the student is presented with an array of ethical options and made to evaluate them as a basis for making decisions that are biblically informed as well as Christo-centric.

GEDS 802: STATISTICS

2 Credits

The course will deal with the following – Curve Fitting, regression and correlation (methods of fitting regression curve on line, best-eye fit, least square method, multiple regression, linear correlation, interpretation of regression line of curve, sampling theory or regression, sampling theory of correlation); Test of Hypothesis (the null and the alternative hypothesis, F-test, t-test, X² test, analysis of variance – one-factor experiment, two-factor experiment); Random numbers (distribution – probability distribution, binomial distribution, normal distribution, bivariate normal distribution, Beta distribution); Non parametric tests (sign test, mann-Whitney U test, Kruskal-Wallis H Test, H test corrected for ties); Use of SPSS

GEDS 812: BIOSTATISTICS

2 Credits

Problem-solving is an important characteristic of academic scholarship, especially in designing and conducting research to solve problems for national development. Biostatistics is an important tool for problem-solving when engaging research at the postgraduate level. This course is designed to provide Master students with skills for data collection, organization, and interpretation to facilitate meeting the need in designing and implementing research protocol. The course will enable students understand principles underpinning data analysis including inferential statistics for decision making in research, which is the basis for quantitative analysis of research findings. This course will expand the principles of collecting, organizing, and presenting data. It will also feature important characteristics of the normal distribution of central location and variations, probability distribution, sampling, confidence intervals, test of hypotheses as defined by the t-tests, z-test, chi-squared tests, correlation analysis, simple and multiple regression analyses. It is expected that at the completion of this course, students will acquire basic requisite skills to use at least one statistical software package relevant to their fields of interest.

GEDS 822: INTERMEDIATE STATISTICS FOR HUMANITIES

2 Credits

This course is designed to expose postgraduate students in fields of study that do not require high and extensive levels of statistics to the basic level of statistics for Masters degree research in their fields of study. With major emphasis on descriptive and moderate aspects of inferential statistics, the following topics will be studied: Measures of central tendency (mean for ungrouped and grouped data, geometric and harmonic means, median and mode of grouped and ungrouped data); Measures of variation (mean deviation, variance, standard deviation, summarizing data through the mean and standard deviation); Association (correlation and regression, methods of drawing regression curve, approximate method, least square method, interpretation of regression equation line, rank order correlation, Spearman's correlation coefficient); Test of Hypotheses and Significance (statistical decision, statistical hypothesis, Type I and Type II error, t-test, F-test, analysis of variance for one-factor and two-factor experiment, analysis of covariance, binomial distribution, probability distribution); Sampling (population sampling, sample sampling with or without replacement, sample variance, population variance, statistical inference); Estimation (biased and unbiased, point estimation, interval estimation, reliability, confidence, standard error of estimates. *Special emphasis is placed on the use of modern and relevant statistical packages and software in analysing data for studies as well as the interpretation of analysed data in studies.* The course promotes the value of excellence, diligence and integrity in the workplace.

GEDS 901: PERSONAL AND FAMILY WHOLENESS

2 Credits

The course is designed to study the creation of humanity as well as the establishment of the marriage institution by God. It also examines the theological, historical and ethical perspectives of marriage.

The biblical foundation, divine purpose as well as current theoretical assessments of the family are considered. With biblical views on human sexuality and the Fall as backdrops, issues such as the influence and challenges of personality types, polygamy, cohabitation, same-sex unions, infertility and loss of a spouse (through divorce or death) on marriage are also examined. It further explores personal spiritual development as the centre for individual and family life, guided by a balanced Christian worldview. Striking a balance between personal health, healthy family relationships and professional obligations, emphases are placed on how humans can live healthy lives and enjoy their marriages, making their homes little heavens on earth while waiting for the time when God will make all things new.

GEDS 902: ADVANCED STATISTICS

2 Credits

The course will deal with the following – Curve Fitting, regression and correlation (methods of fitting regression curve on line, best-eye fit, least square method, multiple regression, linear correlation, interpretation of regression line of curve, sampling theory or regression, sampling theory of correlation); Test of Hypothesis (the null and the alternative hypothesis, F-test, t-test, X² test, analysis of variance – one-factor experiment, two-factor experiment); Random numbers (distribution – probability distribution, binomial distribution, normal distribution, bivariate normal distribution, Beta distribution); Non parametric tests (sign test, Mann-Whitney U test, Kruskal-Wallis H Test, H test corrected for ties); Use of SPSS. The course promotes the value of excellence and integrity in the workplace.

GEDS 911: RESEARCH PROPOSAL AND WRITING

2 Credits

The course is designed to strengthen the research techniques and skills of the doctoral students and the acquisition of the necessary skills needed for the writing of research reports and of proposals for research grants and fellowships.

GEDS 912: ADVANCED RESEARCH DESIGN

2 Credits

This course is intended to teach students how to logically plan their research in consonance with their stated research purpose. This course explores the various types of research – descriptive, exploratory, explanatory, experimental, ex post facto, survey, case study, ethnographic, time series, trend studies, cohort studies, panel studies, etc., selection of appropriate techniques for specific questions, the comparative method in political science, hypothesis construction and testing, operationalisation of variables and conceptual framework, validity and reliability of research, strategies for data collection, questionnaire construction, interviewing techniques, methods of data analysis, and related topics. It is also expected that this course will address ethical considerations in the conduct of research.

GEDS 922: ADVANCED BIOSTATISTICS

2 Credits

Problem-solving is an important characteristic of doctoral scholarship, especially in designing and conducting research to solve problems for national development. Biostatistics is an important tool for problem-solving when engaging research at the doctoral level. This course is designed to provide doctoral students skills for data collection, organization, and interpretation to facilitate meeting the need in designing and implementing research protocol. The course will enable students understand principles underpinning data analysis including inferential statistics for decision making in research, which is the basis for quantitative analysis of research findings. This course will explore current and advanced principles and methods of collecting, organizing, and presenting data. It will also feature important characteristics of the normal distribution of central location and variations, probability distribution, sampling, confidence intervals, test of hypotheses as defined by the t-tests, z-test, chi-squared tests, correlation analysis, simple and multiple regression analyses. It is expected that at the completion of this course, doctoral students will acquire advanced requisite skills to use at least one statistical software package relevant to their fields of interest.

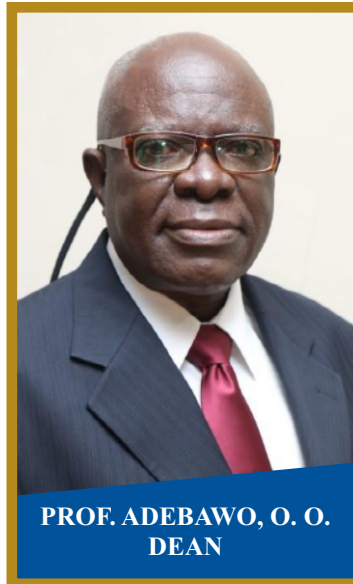
GEDS 932: ADVANCED STATISTICS FOR HUMANITIES

2 Credits

This course is designed to expose doctoral students in fields of study that do not require high and extensive levels of statistics to the basic level of statistics for doctoral research in their fields of study. With major emphasis on descriptive and moderate aspects of inferential statistics, the following topics will be studied: Measures of central tendency (mean for ungrouped and grouped data, geometric and

harmonic means, median and mode of grouped and ungrouped data); Measures of variation (mean deviation, variance, standard deviation, summarizing data through the mean and standard deviation); Association (correlation and regression, methods of drawing regression curve, approximate method, least square method, interpretation of regression equation line, rank order correlation, Spearman's correlation coefficient); Test of Hypotheses and Significance (statistical decision, statistical hypothesis, Type I and Type II error, t-test, F-test, analysis of variance for one-factor and two-factor experiment, analysis of covariance, binomial distribution, probability distribution); Sampling (population sampling, sample sampling with or without replacement, sample variance, population variance, statistical inference); Estimation (biased and unbiased, point estimation, interval estimation, reliability, confidence, standard error of estimates. *Special emphasis is placed on the use of modern and relevant statistical packages and software in analysing data for studies as well as the interpretation of analysed data in the doctoral thesis.* The course promotes the value of excellence, diligence, perseverance and integrity in the workplace.

SCHOOL OF BASIC MEDICAL SCIENCES



DEPARTMENT OF BIOCHEMISTRY

Degree in View: PGD, M.Sc., PhD

Areas of Specializaon:

1. Nutritional Biochemistry
2. Phytomedicine and Drug Discovery
3. Lipid and Membrane Biochemistry
4. Molecular Biology and Biotechnology
5. Enzymology



Vision statement

First class faith based Department that ensures the flowering of human capacities in Nigeria and the world at large.

Mission statement

The mission of the Department of Biochemistry is to provide the highest quality of scholarship to students through the integration of theoretical and high quality scientific investigation towards the exploration and understanding of the chemical basis of life processes.

POSTGRADUATE DIPLOMA (PGD) IN BIOCHEMISTRY

Preamble

Postgraduate diploma in Biochemistry is a science based program designed to prepare students from related basic sciences for advanced studies in the field of Biochemistry. 50

Objective

To provide a transition point for graduates from closely related discipline in the basic sciences to pursue advanced degree(s) in the field of Biochemistry.

Admission requirements

Candidates seeking admission into the postgraduate diploma program in Biochemistry are required to provide the following:

- i. Five credits at O'Level science based subjects including Mathematics and English Language.
- ii. Bachelor of Science degree in Biochemistry or related disciplines from a recognized University with a minimum of Third Class degree.
- iii. Higher National Diploma in Biochemistry or related discipline with a minimum of Lower Credit.

NOTE: Admission is only retained for first semester of the school year

Graduation Requirements

Candidates must pass a minimum of 40 credit units of course work including a research project of 4 credits with a minimum CGPA of 3.00 on a scale of 5.00. In addition, candidates must pass with a minimum of Credit (C) grade in all selected courses.

The highlight is as follows:

General courses	4 credits
Core credit	32 credits
Electives	4 credits
Total credits	40 units

Duration of programme

The postgraduate diploma in Biochemistry shall last for a minimum period of 2 semesters and maximum period of 4 semesters.

POSTGRADUATE DIPLOMA (PGD) IN BIOCHEMISTRY
LIST OF COURSES

Course Code	Course Title	1st Semester	2nd Semester
	GENERAL REQUIREMENT		
GEDS 701	Religion and Society	2	
GEDS 712	Biostatistics		2
	CORE COURSES		
BCHM 701	Advanced Carbohydrate Metabolism	2	
BCHM 703	Advanced Lipid Metabolism	2	
BCHM 705	Advanced Amino Acids and Protein Metabolism	2	
BCHM 707	Advanced Nucleic Acid Metabolism	2	
BCHM 711	Advances in Functional Biochemistry	2	
BCHM 713	Advanced Drug Biochemistry	2	
BCHM 723	Experimental Biochemistry and Reasoning	3	
BCHM 725	Applied Industrial Biochemistry	3	
BCHM 732	Chemistry and Function of Biological Membranes and Bioenergetics		2
BCHM 734	Enzyme Chemistry		2
BCHM 742	Principles of Nutritional and Food Biochemistry		2
BCHM 752	Regulations in Metabolism		2
BCHM 762	Advanced Molecular Biology and Biotechnology		2
BCHM ---	Electives *	2	2
BCHM 790	Research Project		4
	TOTAL = 40 Credits	22	18

** Students should choose only one elective per semester from the list of elective courses.*

ELECTIVE COURSES

BCHM 719	Advances in Neurobiochemistry	2	
BCHM 721	Advances in Virus Biochemistry	2	
BCHM 727	Advances in Bioinorganic Chemistry	2	
BCHM 744	Advances in Immunochemistry		2
BCHM 746	Hormones and Signal Transduction		2
BCHM 754	Advances in Bioinformatics		2

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 701 Religion and Society 2 Units

GEDS 712 Biostatistics

BCHM 701: Advanced Carbohydrate Metabolism **2 Units**

Carbohydrates chemistry & function. Reactions of glycolysis, tricarboxylic acid cycle, pentose phosphate pathway. Cori cycle, the Calvin pathway, gluconeogenesis, glycogenolysis, disorders in carbohydrate metabolism.

BCHM 703: Advanced Lipid Metabolism **2 Units**

Lipid chemistry & function, catabolism of lipids: digestion and absorption of lipid, β -oxidation of fatty acids, ketone body formation, hydrolysis of triacylglycerol, phospholipids and cholesterol esters, biosynthesis of fatty acids, triacylglycerol, phospholipids, cholesterol, bile acids, steroid hormones and eicosanoids. Regulation of lipid synthesis, lipoprotein classification, function and metabolism; hyperlipidemia, hyperlipoproteinemia.

BCHM 705: Advanced Amino Acids and Protein Metabolism **2 Units**

Chemistry & function of amino acids & protein, isolation, purification & characterization of proteins. Metabolism of amino acids and protein, digestion and absorption of protein, catabolism of amino acids: deamination, transamination, transport of NH_3 by glutamine and alanine, urea cycle. Pathways of amino acid degradation, fate of ketogenic and glucogenic amino acids, pathways of biosynthesis of amino acids, biosynthesis of amino acid derived compounds: porphyrins, heme, glutathione, creatine, biological amines; nitric oxide biosynthesis from arginine; in-born errors of amino acid metabolism.

BCHM 707: Advanced Nucleic Acid Metabolism **2 Units**

Structure, properties & function of nucleic acids; genome organization. Catabolism and biosynthesis of purines and pyrimidines nucleotides; some abnormalities in nucleic acid metabolism – gout, xeroderma pigmentosum and skin cancer. DNA Replication in prokaryotes and eukaryotes. DNA Damage, Repair & Genetic Recombination. DNA transcription and translation in prokaryotes and eukaryotes. Gene expression and regulation in prokaryotes and eukaryotes.

BCHM711: Advances in Functional Biochemistry **2 Units**

Biochemistry of vision, muscles, kidney, liver, blood and adipose tissue. General metabolism of the brain and neuronal biochemistry. Biochemistry of reproductive tissues. Detailed review of the nervous system and its components. Chemical and impulse transmission, action potential. Biosynthesis and release of various neurotransmitters. Inhibitory and excitatory neurotransmitters (Serotonin, GABA, Dopamine, substance P, epinephrine, norepinephrine).

BCHM 713: Advanced Drug Biochemistry **2 Units**

Xenobiotics metabolism; biotransformation reactions (phase I & II); toxicity and toxicology terms & concepts; dose-response curves; classification of metabolites; microsomal and non-microsomal enzyme systems; monooxygenases and mixed function oxidases-cytochrome P₄₅₀ family; induction and inhibition of drug metabolism; factors influencing drug metabolism; mechanisms of drug toxicity; theories of the mechanism of drug action. Drug resistance and factors affecting drug efficacy. The physiological and biochemical action of some selected drugs. Medicinal plants in the management and therapy of common ailments- malaria, sickle cell anemia, common cold, hepatitis etc.

BCHM 719: Advances in Neurobiochemistry**2 Units**

Detailed review of the nervous system, neurons and its components. Classification of neurotransmitters. Neurotransmitters receptors. Chemical and impulse transmission, biochemistry of neurotransmitters and signal transduction. Factors affecting neurotransmission (agonist and antagonist). Synthesis and release of neurotransmitters. Inhibitory and excitatory neurotransmitters (serotonin, GABA, dopamine, substance P, epinephrine, norepinephrine etc.). Action potential : gated ion channel and Na^+K^+ ATPase.

BCHM 721: Advances in Virus Biochemistry**2 Units**

Survey of structural properties of different classes of viruses. Viral multiplication mechanisms. Control of viral replication. Interferons.

BCHM 723: Experimental Biochemistry and Reasoning**3 Units**

Principles, applications and practical laboratory exercises cutting across a wide spectrum of general biochemistry methods. Principles, mode of operation and uses of the following instruments in biochemical research: pH meter, centrifuge, weighing balance, warburg manometer, colorimeters and spectrophotometers, radioisotope counters, electrophoretic apparatus, chromatographic apparatus (paper, TLC, HPLC, GC, NMR), AAS, rotary evaporator, vacuum/suction pumps, refluxing apparatus, photometers, fluorimeters, water bath, ELISA method, Kjeldahl apparatus etc. Evaluation and design of experimental biochemistry from available information and data. Analysis, interpretation and inference from biochemical research data & scientific literature. Preparation of manuscript for publications.

BCHM 725: Applied Industrial Biochemistry**3 Units**

The control and application in industrial fermentations - alcoholic, amino acids, antibiotics, and secondary metabolites. Biochemistry of microbial growth, energetics and kinetics of microbial growth. Process evaluation and development. Methods for screening and selecting microorganisms of industrial importance, induction of mutation in microorganisms and plants for the purpose of over production. Strain selection, development and enhancement. Gene dosage and its application in industrial process. Introduction to entrepreneurship with practical, theory and practice; the opportunity, forms of business, determining capital requirements. Fund raising, financial planning and management; starting a new business: feasibility studies; possible business opportunities in Nigeria and abroad.

BCHM 727: Advances in Bioinorganic Chemistry**2 Units**

Origin of bioinorganic elements, Relationship between the physico-chemical properties and biological functions of inorganic ions; classifications of metallobiomolecules. Ligand complexes and their biochemical significance; Hydrogenases, oxygenases, oxidoreductases, peroxidases and dismutases; Oxidative stress and biological oxidation; Nitrogen fixation and cycle; Sulphur cycle.

BCHM 732: Chemistry and Function of Biological Membranes and Bioenergetics
2 Units

Structure, composition and functions of biological membranes. Isolation, characterization and classification of membranes, spontaneously formed lipid structures, unit membrane hypothesis and fluid mosaic model of membranes, membrane dynamics and asymmetry; phase transition, lipid anchored membrane protein; membrane transport. Chemical thermodynamics; high-energy compounds; chemical potentials, electrochemical potentials oxidation and reduction; electron transport system and oxidative phosphorylation. Regulation of ATP production. Photosynthetic electron transport, photo phosphorylation and bioluminescence.

BCHM 734: Enzyme Chemistry**2 Units**

Classification and nomenclature of enzymes, kinetic of enzymes and inhibition. Mechanism of

enzyme-catalyzed reactions. Michaelis Menten equation. Allosteric/regulatory enzymes. Estimation of kinetic parameters-enzymes Activities, K_m , V_{max} , K_i , Zymogen activator, digestive enzymes, Enzyme production, immobilized enzymes and application, vitamins and coenzymes. Regulatory enzymes. Molecular models for allosterism. Multi-enzyme complexes, enzymes assays. Criteria for determining purity of enzymes. Enzyme reconstitution. Regulation of enzyme activity and synthesis. Downstream processing in biotechnology, immobilized enzymes.

BCHM 742: Principles of Nutritional and Food Biochemistry **2 Units**

Food nutrients; energy value of foods and energy expenditure by mammals. Nutritive value of foods – carbohydrates, fats, proteins, vitamins, mineral elements and water. Nutritional disorders, prevention and therapy. Nutritional status. Nutrients requirement in relation to physical activity and aging, diet and disease, obesity and under-nutrition. Fermentation of food, preservation, processing and storage of traditional foods – roots and stem tubers, fruit drinks, seeds and grains, greens and vegetables. Food analysis. Food poisoning and intoxication prevention and cure.

BCHM 744: Advances in Immunochemistry **2 Units**

Basic concepts of immunology, components of innate immunity, structure of antigens, antigenic determination and cellular response. Structure and activation of the T-cell antigen receptor. Humoral immunity, structure and classification of immunoglobulins and antibodies. Antigen and antibody interaction. Genetic basis of antibody diversity. The complement system in immune response. Hypersensitivity, immuno-pathology, autoimmunity, tumor and transplantation immunology. Immunochemical techniques; haemagglutination and complement fixation, precipitation reactions, immunoblotting, isolation of lymphocyte population, cytotoxic assay etc.

BCHM 746: Hormones and Signal Transduction **2 Units**

Evolution of hormones action, classes and structure of hormones, pathways for the synthesis of amino derived hormone. Amino acids derived and polypeptide and steroid hormones. Intracellular mediators of hormones. Control/regulation of hormonal secretion. Hormone receptors. Binding activity and response. Kinetics of binding. Mode of action of hormones and metabolism. cAMP as a second messenger, role of calcium and other ions. Hormone agonists, antagonists and partial agonists.

BCHM 752: Regulations in Metabolism **2 Units**

The relationship of Krebs cycle to protein, carbohydrate, lipid and nucleic acid metabolism. Integration of metabolic pathways. Turnover rates and metabolic pools. Regulation of enzymes of metabolic pathways of feedback inhibition versus enzyme synthesis. Catabolite repression, end product repression, the lactose operon and arabinose operon. Identification of different regulatory mechanisms in metabolic pathways.

BCHM 754: Advances in Bioinformatics **2 Units**

Definition and aims of bioinformatics. Description of related fields to bioinformatics. Applications of bioinformatics. Human genome project and its relationship to bioinformatics. Brief review of molecular biology basics; especially around the Central Dogma. Replication, transcription and translation as related to data handling. Introduction to Databases; Biological Databases and their Pitfalls. GenBank, EMBL, DDBJ: Databases of most known nucleotides and Protein Sequences. National Center for Biotechnology Information (NCBI). Accession Numbers: labels to identify sequences; Ways to Access DNA and Protein Sequences. Sequence Alignment.

BCHM 762: Advanced Molecular Biology and Biotechnology **2 Units**

Replication and transcription of DNA, translation of the genetic code into amino acids sequence, protein synthesis, regulation of gene expression, genomics, transcriptomics and proteomics. Genetic engineering, gene regulation, food fermentation, production/biosynthesis of enzyme & vitamins. *In vivo* labeling of DNA/RNA, Nick translation and DNA probes. Satellite DNA,

unique and repetitive sequences, DNA renaturation and polynucleotide hybridization, Northern blot, Southern blot, DNA sequencing, Restriction mapping, Recombinant DNA Technology and its application.

BCHM 790: Research Projects

4 Units

Independent research into selected areas/topics of interest. Students will be required to carry out literature survey on the topics, perform experiments under the guidance of an academic staff and produce reports. Students will be subjected to oral examination on the projects undertaken.

MASTER OF SCIENCE (MSC.) IN BIOCHEMISTRY

Admission Requirements

Direct Admission

Admission is open to holders of Bachelor's degree in Biochemistry of Babcock University or other Universities approved by Babcock University Senate, with a minimum of second class lower. Others who qualify for this admission are holders of MBBS, DVM or BMLS (with Chemical Pathology option). It is also open to candidates that completed the postgraduate diploma (PGD) program in Biochemistry of Babcock University or other Universities approved by Babcock University Senate, with a minimum of 3.00 CGPA on a scale of 5.00 CGPA. Candidates may be required to undergo a selection process, as approved by the College of Postgraduate Studies (CPGS).

Conditional Admission

Conditional admission to M.Sc. program could be granted to an applicant, with a Bachelor's degree in a related area from Babcock University or other Universities approved by Babcock University Senate, with a minimum of second class lower. Such candidate must pass some PGD Biochemistry courses within a semester (number of units and duration to be determined by the Department in consultation with the CPGS) prior to being granted provisional or regular admission to the M.Sc. program. The coursework must attain the required level of proficiency (50%) in order to qualify the applicant for admission to the M.Sc. program.

Graduation requirements

a) To obtain MSc. in Biochemistry, a candidate must take and pass with a minimum score of 45% in the GEDS courses and 50% in all the departmental courses culminating in 49 units made up as follows:

General Education course	= 4 credits
Core courses	= 33 credits
Electives	= 6 credits
Dissertation	= 6 credits

Duration of programme

The Master in Biochemistry in Biochemistry program shall last for a minimum period of 3 semesters and maximum period of 5 semesters.

Areas of Specialization

Biotechnology
Enzymology
Industrial Biochemistry
Lipid & Membrane Biochemistry
Medical Biochemistry
Molecular Biology
Nutritional Biochemistry
Phytomedicine & Drug Discovery

LIST OF COURSES FOR MSC. IN BIOCHEMISTRY

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL REQUIREMENTS			
GEDS 801	Religion, Faith and Morality	2		
GEDS 812	Biostatistics		2	
	CORE COURSES			
BCHM 800	Biblical Foundations of Biochemistry		3	
BCHM 801	Intermediary Metabolism	3		
BCHM 802	Clinical Biochemistry		3	
BCHM 807	Advanced Enzymology	3		
BCHM 809	Nutritional Biochemistry	3		
BCHM 810	Theory and Practical of Research Techniques in Biochemistry		3	
BCHM 817	ICT and Research Methods in Biochemistry	3		
BCHM 819	Molecular Biology and Genetic Engineering	3		
BCHM 824	Advances in Drug Metabolism		3	
BCHM 826	Industrial Biochemistry, Biotechnology and Entrepreneurship		3	
BCHM 870	Seminar Series		3	
BCHM 8--	Electives*	3	3	
BCHM 890	Dissertation			6
	TOTAL (49 Credit s)	20	23	6

* **ELECTIVES:** Students are to take one (1) elective course per semester for the 1st and 2nd semesters – two (2) elective courses in all.

BCHM 823	Bioinformatics	3	
BCHM 815	Membrane Biochemistry and Biophysics	3	
BCHM 816	Advanced Immunochemistry		3
BCHM 818	Bioactive Compounds		3

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 801: RELIGION, FAITH AND MORALITY 2 Units

GEDS 812: BIostatistics 2 Units

BCHM 800 BIBLICAL FOUNDATIONS OF BIOCHEMISTRY 3 Units

This course will introduce to students biblical views supporting the origin and molecular

architecture of life; molecular organization and regulations shall be explained from biblical points; biblical principles of healthy nutrition; natural products and therapy, DNA as the blueprint of God; X-ray of some biblical scientific facts, research ethics and values, metabolic in-born errors, consequences of sin and salvation. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

BCHM 801 INTERMEDIARY METABOLISM 3 Units

Review of intermediary metabolism of carbohydrates, proteins, lipids and nucleic acids. Recent advances in these areas. Regulations of metabolism; enzymatic and hormonal. Neurochemistry and neurological disorders.

BCHM 802 CLINICAL BIOCHEMISTRY 3 Units

Biochemical concept of clinical state. Fluid and electrolyte imbalance, Acid base balance; Overview of metabolic derangement in the various diseased states such as diabetes, hypertension, gout, cholera, cancer; Biochemical basis of and lesion in genetic diseases: sickle cell anaemia. Nutritional diseases: kwashiorkor; marasmus; vitaminoses. Case studies on metabolic defects e.g. phenyl-ketonuria, oroticaciduria and pseudohyper-parathyroidism. Human haemoglobin and molecular diseases e.g. sickle cell anaemia. Glucose-6- phosphate dehydrogenase deficiency. Disorders of carbohydrate and lipid metabolisms (Diabetes, plasma lipid and coronary heart disease, cholesterol partition in plasma lipoprotein). Inborn errors of metabolism. Molecular parasitology: Isolation, fractionation and culture of parasites. Comparative metabolic reactions of malaria parasite, trypanosome, and other parasites. Chemotherapy and resistance. Plasma isoenzyme profile in disease state. Plasma protein and A/G ratio Liver function test

BCHM 807 ADVANCED ENZYMOLOGY 3 Units

Characteristics of enzymes. Energy relations in enzymic reaction. Kinetics of single substrate Enzyme catalyzed reaction. Allosteric enzymes. Enzyme inhibition. Mechanism of action of enzymes; types of mechanisms, method of determining the mechanisms of enzymic activities using examples of different enzymes. Suicide substrates and their applications e.g. in medicine, Industry and Agriculture. Applications of Enzyme technology – immobilized enzymes, Recent advances in Enzyme technology. Isolation and purification of Enzymes.

BCHM 809 NUTRITIONAL BIOCHEMISTRY 3 Units

Biochemical assessment of nutritional status. Adaptive responses for management of under- and over-nutrition. Dietary essentiality of carbohydrate and lipids. Alcohol, sugar and fibre nutrition. Protein energy malnutrition (PEM), Evaluation of protein quality. Physiological function and biochemical mechanism of action of vitamins and minerals. Food sensitivity and toxicology. Micronutrients deficiency diseases. Proximate composition of foodstuff; estimation of fibre, additives, vitamins, trace minerals and amino acids in foods and drinks. Nutrition through the life cycle: pregnant and lactating women; infancy, young child, adolescent and elderly. Nutritional management of non-communicable diseases.

BCHM 810 THEORY AND PRACTICAL OF RESEARCH TECHNIQUES IN BIOCHEMISTRY 3 Units

Gradient centrifugation and ultracentrifugation, immunochemical techniques: Immunodiffusion, Radioimmunoassay and enzyme-linked immunoassay, Immuno-fluorescence etc. Isotopic techniques, electrophoresis, chromatography (Ion-exchange chromatography, gel filtration, GC, hydrophobic interaction chromatography, affinity chromatography etc.). Absorption spectrophotometry (Principles, techniques, UVVisible, fluorescence) applications to macromolecular structures.

BCHM 823 BIOINFORMATICS 3 Units

Scripting, use of computer program, installation of programs and navigation. Sequence blasting,

gene sequence alignment, primer design. Phylogenetic analysis, protein alignment. Data mining. Molecular docking and dynamics.

BCHM 815 MEMBRANE BIOCHEMISTRY AND BIOPHYSICS 3 Units

Membrane structure and function. Membrane-linked phenomena; ion transport. Morphology of membranes. Membrane biogenesis. Membrane carbohydrates and cell surface specificity/antigenic projection. Ionophoric antibiotics. Membrane dynamics. Excitable membranes. Neurotransmitters. Membrane receptors and signalling/transduction. Photobiology. Photosynthesis and Calvin cycle. Recent advances in membrane research, e.g. roles of liposomes etc.

BCHM 816 ADVANCED IMMUNOCHEMISTRY 3 Units

The Immune system. Structure and functions of primary and secondary lymphoid organs. Macrophages, leucocytes and phagocytosis. Chemistry and biological properties of Immunoglobulins. Antibody diversity. Complement physiology: inflammation and tolerance. Immune complex and disease. Abnormalities in the immune system: autoimmunity and hypersensitivity. Immuno-pathology of renal, musculoskeletal and skin disease. Immunopathology of endocrine and haematologic disease Immuno-oncology, HIV. Modulation of immune system, biological response modifiers. Immunochemical Techniques.

BCHM 817 ICT AND RESEARCH METHODOLOGY IN BIOCHEMISTRY 3 Units

This course should cover essentials of spreadsheets, internet technology, statistical packages, precision and accuracy of estimates, principles of scientific research, concepts of hypotheses formulation and testing, organization of research and report writing.

BCHM 818 BIOACTIVE COMPOUNDS 3 Units

Course examines phytochemicals in fruits and vegetables including their distribution, roles in human health promotion, biosynthesis and degradation. Phytochemicals – functional roles; assays for total antioxidant activity of ascorbic acid, organic acids, Phenolics, flavonoids, Anthocyanins; Flavonols and flavones, Tannins, Quinone Pigments, Diterpenes and gibberellins, Triterpenes and steroids; Carotenoids, Glucosinolates, Lipids and Waxes, Amines and alkaloids, sulphur amino acids, Cyanogenic glycosides and seed Storage proteins. Principles of functional foods and nutraceutical concepts, involving conventional nutrients and Phytochemicals, health claims and evidence – based potentials, toxicological implications, regulation and consumer trends.

BCHM 819 MOLECULAR BIOLOGY AND GENETIC ENGINEERING 3 Units

Bacterial and viral chromosomes. Bacterial plasmids. Replication, transcription and translation of prokaryotic genomes. Regulation of protein biosynthesis. Transposons as mobile genetic elements. Eukaryotic chromosome and its ultra-structural organization. DNA synthesis in eukaryotes. Biochemical aspect of cell division, cell cloning and cell fusion. Biochemistry of growth and differentiation in eukaryotes. Principle of PCR technique. Isolation and purification of RNA and DNA. Hybridization techniques. Recombinant DNA technology and proteomics applications (e.g. production of insulin, drugs etc). Microarray technique. Genetic engineering and its social implications. Application of genetic engineering in plant and animal production.

BCHM 824 ADVANCES IN DRUG METABOLISM 3 Units

Purpose of biotransformation of Drugs; Phase I. Metabolism, Pro-drug; Phase II metabolism, cytochrome P450. Factors affecting drug metabolism, Drug-drug interactions Drugs-Herbal Medicine interaction, Drug-food interaction. Drug toxicity. Assessment of toxicity, Resistance to drugs, Chemical carcinogens.

**BCHM 826 INDUSTRIAL BIOCHEMISTRY, BIOTECHNOLOGY AND
ENTREPRENEURSHIP 3 Units**

The biochemical industry: an overview of manufacturing and allied industries involving biochemistry at the various operation levels (viz, R, D & P, raw material processing, production, quality control/assurance, etc.). Role of biochemistry in selected manufacturing and allied industries: dairy, brewing, cosmetics, food concentrates textile, laundry, etc. (use of enzymes, natural products, etc.). Raw materials biochemistry: science/technology of large-scale (commercial) production of industrial enzymes, vitamins, food additives, natural products, antibiotics, etc. from plants, animals and microbes for the industry; export market etc. Science/technology of food concentrates, fruit juice etc. Quality control and assurance; the public analysts; analytical kits in RD&P. Production of biotechnology-related products. Biotechnology targets in food processing. Improving food quality through biotechnology. The course will also cover business environment, general management, financial management, entrepreneurship development, feasibility studies, marketing and managerial problem solving.

BCHM 870 SEMINAR SERIES 3 Units

Candidate will be required to make at least one (1) seminar presentation and produce a term paper on selected topic of interest by a supervisor. This exposes students on how to perform a literature search and improves on the communication and presentation skills of the students. Knowledge and skills acquired in the seminar series are also intended to become invaluable to the student in the process of carrying out research in relation to the Dissertation.

BCHM 890 DISSERTATION 6 Units

Independent research in selected areas of biochemistry and molecular biology under the supervision of an academic staff. Students will be required to carry out literature survey on the topic, perform experiment and produce dissertation. The submitted project report shall be defended before a panel of internal and external examiners.

MASTER OF PHILOSOPHY (MPHIL.) IN BIOCHEMISTRY

LIST OF COURSES FOR MPHIL IN BIOCHEMISTRY

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem
	GENERAL REQUIREMENTS				
GEDS 901	Personal and Family Wholeness	2			
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
GEDS 922	Advanced Biostatistics		2		
	CORE COURSES				
BCHM 911	Membrane Biochemistry	3			
BCHM 906	Advanced Molecular Biology		3		
BCHM 908	Biochemistry of Bioactive compounds from Plants		3		
BCHM 923	Advances in Experimental Biochemistry	3			
BCHM 9--	Electives*	3	3		
BCHM 880	MPhil Seminar			3	
BCHM 890	MPhil Dissertation			(8)	8
	TOTAL (37 Credits)	13	13	3	8

** **ELECTIVES:** Students (on the advice of the HOD and Departmental PG Coordinator) are to take one (1) elective course each in the 1st and 2nd semesters of Year 1, making a total of two (2) elective courses during the MPhil program.*

SEE THE LIST OF ELECTIVE COURSES UNDER THE PHD CURRICULUM

DOCTOR OF PHILOSOPHY (PHD) BIOCHEMISTRY

ADMISSION REQUIREMENT

Candidates must satisfy general admission requirements as specified by the College of Postgraduate Studies of Babcock University. In addition, candidates are to satisfy the following requirements:-

- a) **Admission requirement**
The programme is open to candidates with MPhil or MSc. degree in Biochemistry from Babcock University or any other University approved by Senate.
 - (i) Candidates must score not less than 4.00 CGPA (on 5-point scale) or 60%, which includes course work and Dissertation from a recognized University,
 - (ii) Candidates with MSc. degree from Universities approved by Senate and with 60% (B) average in their coursework are also eligible for admission.
 - (iii) Candidate must satisfy all other conditions stipulated in the regulation of the Post-graduate School.

DOCTOR OF PHILOSOPHY (PhD) DEGREE

a. Regular Admission:

A candidate with MPhil or MSc. degree in Biochemistry from Babcock University or any other University approved by Senate with not less than 4.00 CGPA (on 5-point scale) or 60%, which includes course work and dissertation and in addition satisfies all other conditions stipulated in the regulation of the College of Postgraduate Studies may be admitted.

b. Conditional Admission:

- i. Conditional admission to a PhD program could be granted to an applicant with a Master's degree in a related area. Such candidates must have not less than 4.00 CGPA (on 5-point scale) or 60% and must consequently complete remedial coursework from the MSc. (number of units and duration to be determined by the Department in agreement with the CPGS) courses prior to being granted provisional or regular admission to the doctoral program. The coursework must attain the required level of proficiency (60%) in order to qualify the applicant to be admitted to the doctoral program. No coursework may be taken which will be counted as part of the doctoral program while the student is under conditional admission.
- ii. If the MSc. level of proficiency is between 55% and 59% (or 3.50 – 3.99 CGPA on 5-point grade average), the applicant may be granted conditional admission, pending completion of a minimum of 16 additional credits (i.e., one full semester) of specified graduate coursework, in which the minimum level of proficiency (60%) must be attained. No credits earned while under this conditional admission may be counted toward the doctoral program.
- iii. If the MSc. level of proficiency is between 50% and 54% (or 3.00 – 3.49 CGPA on 5-point grade average), the applicant may be granted admission to the MPhil. program in which the minimum level of proficiency (60%) must be attained. The first year of coursework from the MPhil. program (which corresponds to the first year of coursework in the doctoral program) will be counted as the first year of the PhD program, once

the MPhil is completed satisfactorily. No portion of the second year of the MPhil program (i.e., MPhil. project and/or elective courses) will be counted toward the PhD program. Upon satisfactory completion of the corresponding MPhil. program, the applicant will be granted provisional or regular status in the PhD program and will commence with all requirements of the second year of the doctoral program.

c) Duration of program

The programme shall last for a minimum of six semesters with intensive research. **d)**

Graduation Requirements

Candidates must pass a minimum of 59 Units as stated hereunder, in the 6-semester Doctoral programme.

Course Work

General Courses	-	8 Units
Core Courses	-	15 Units
Elective Courses	-	12 Units
Seminar	-	8 Units
Thesis	-	16 Units
Total	-	59 Units

LIST OF COURSES FOR PHD IN BIOCHEMISTRY

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem
	GENERAL REQUIREMENTS						
GEDS 901	Personal and Family Wholeness	2					
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
GEDS 922	Advanced Biostatistics		2				
	CORE COURSES						
BCHM 900	Biblical Principles and Values in Biochemistry			3			
BCHM 906	Advanced Molecular Biology		3				
BCHM 908	Biochemistry of Bioactive compounds from Plants		3				
BCHM 911	Membrane Biochemistry	3					
BCHM 923	Advances in Experimental Biochemistry	3					
BCHM 970	Doctoral Research Seminar I			4			
BCHM 980	Doctoral Research Seminar II				4		
BCHM 9--	Electives*	3	3	6			
BCHM 990	Thesis			4	4	4	4
	TOTAL (59 Credits)	13	13	17	8	4	4

** **ELECTIVES:** Students (on the advice of the HOD and Departmental PG Coordinator) are to take one (1) elective course each in the 1st and 2nd semesters of Year 1, and two (2) elective courses in the 1st semester of Year 2 respectively, making a total of four (4) elective courses during the PhD program.*

ELECTIVE COURSES

	Units
BCHM 939 Advanced Nutritional Biochemistry	3
BCHM 927 Recent Advances in Enzymology	3
BCHM 916 Advances in Biochemical Toxicology	3
BCHM 934 Advanced Biotechnology and Entrepreneurship	3
BCHM 915 Advanced Cell Biology	3
BCHM 922 Advanced Protein Science	3
BCHM 929 Advanced Bioinformatics	3

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 901 PERSONAL AND FAMILY WHOLENESS **2 Units**

GEDS 911 RESEARCH PROPOSAL AND WRITING **2 Units**

GEDS 912: ADVANCED RESEARCH DESIGN **2 Units**

GEDS 922: ADVANCED BIOSTATISTICS **2 Units**

BCHM 880 MPHIL SEMINAR **3 Units**

This course is designed to teach students how to engage in critical research writing, especially bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. It also exposes students to how to write internationally acceptable articles on methodology and design as well as prepares the student toward meaningfully engaging in the process of writing the Dissertation. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

BCHM 890 MPHIL DISSERTATION **8 Units**

Independent study of a topic approved by the department under the supervision of a lecturer in the department. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the project work.

BCHM 900 BIBLICAL PRINCIPLES AND VALUES IN BIOCHEMISTRY **3 Units**

This course is designed to enable students appreciate God as the Essence and Originator of life; the creative power of God in atoms, molecules, supra-molecules, cells and life shall be explored. The concept of different parts, one body; modern view of nutrition shall be examined in line with biblical directives; research ethics and values; Relationship between health and environment; Xenobiotics and in-born errors and consequences of sin. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

BCHM 906 ADVANCED MOLECULAR BIOLOGY **3 Units**

Review of Nucleic Acid structure and chemistry. DNA as repository of genetic information. Unusual structures of DNA. 3-D structure of RNA. The Structure and Expression of Genes and Genomes. Structure and functions of bacterial chromosomes and plasmids. Viral genomes. Replication, transcription and translation of viral and prokaryotic genomes. Transposons as mobile genetic elements. Eukaryotic chromosome and its ultra structural organization. DNA synthesis in eukaryotes, RNA transcription and processing, Translation, post-translational processing and protein structure, mutagenic agents and consequences of mutation, site directed mutagenesis. Cell structure and function. Organization and diversity of cells, Anatomy of animal cells, Mitosis and meiosis, cell injury, ageing and cell death.

Principles of cell-based DNA cloning. Isolation and amplification of target DNA. Genetic modification of plasmid and bacteriophage for use as cloning vectors in bacterial cells. Use of endonucleases, exonucleases, kinases, phosphatases and DNA ligase in cell-based cloning. Transformation of the host cell with recombinant DNA. Selective purification of recombinant DNA, screening and amplifying cell clones with desired target DNA fragments. Large insert

cloning and cloning systems for producing single stranded DNA. Early exploitation of the properties of bacteriophage A for construction of large insert cloning vectors. Use of extra chromosomal low-copy number replicons for cloning large DNA fragments in bacterial cells. Bacterial artificial chromosome (BAC) and fosmid vectors. Bacteriophage P1 vectors and P1 artificial chromosomes. Yeast artificial chromosomes (YACs). Production of single-stranded DNA for use in DNA sequencing and in vitro site-specific mutagenesis. M13 vectors Phagemid vectors. Cloning systems designed for gene expression. Expression cloning in bacterial cells. Expression of eukaryotic gene in eukaryotic cell lines. Transient expression in insect cells by using baculovirus. Transient expression in mammalian cells. Stable expression in mammalian cells. Cloning DNA in vitro: The polymerase chain reaction. Use of PCR to amplify a rare target DNA selectively from within a complex DNA population. Different approaches of PCR for specific applications. Allele-specific PCR. Multiple target amplification and whole genome PCR methods. PCR mutagenesis Real-time PCR (qPCR). Hybridization. RNA and DNA hybridization techniques. Microarray technique.

BCHM 908 BIOCHEMISTRY OF BIOACTIVE COMPOUNDS FROM PLANTS Units

Biological screening methods for pharmacologically active natural products. Bioactive glycolipids, di-terpenoids, limonoids, anti-malarial natural products, antioxidative plant constituents, anti-HIV aromatic compounds from higher plants, phytotoxins, flavonoids and antitumor drugs, bioactive toxoids. Applications of modern NMR techniques, LC, UV-MS, LC-NMR in the structural elucidation of bioactive natural products.

BCHM 911 MEMBRANE BIOCHEMISTRY 3 Units

Molecular mechanisms of intracellular membrane transport. Endocytosis, calcium binding proteins, ion-channel regulation. Membrane transport systems and regulation. Membrane biogenesis Molecular biology of H⁺ - ATPases, Mobility and interactions of lipids and proteins in biological membranes, signal transduction.

BCHM 915 ADVANCED CELL BIOLOGY 3 Units

Cell motility and cytoskeleton, bio-physics and bio-physiology of membranes, protein trafficking, membrane receptors and signal transduction, cell-cell interactions, photoreception, metabolic regulation, cell physiology. Cell differentiation, cell culture. Molecular mechanism of host defence. Mammalian cell cycle, growth regulation. Intracellular vitamin regulation.

BCHM 916 ADVANCES IN BIOCHEMICAL TOXICOLOGY 3 Units

Emphasizes mechanisms of injury and clinical consequences following exposure to environmental and occupational chemicals and toxicants. Examines actions at the molecular, cellular, organ system and organismal levels. Discusses methods for detecting, evaluating, analysing and combating toxic effects.

BCHM 923 ADVANCES IN EXPERIMENTAL BIOCHEMISTRY 3 Units

Research oriented practicum with relevant industry or research institute emphasizing application of techniques in Biochemistry for a minimum of six weeks and submission of a written report.

BCHM 927 RECENT ADVANCES IN ENZYMOLOGY 3 Units

Recent advances in Enzyme Kinetics and mechanisms. Transition – state stabilization, analogs and enzyme inhibition. Catalytic antibodies, co-enzyme chemistry. Catalytic strategies – proteases, carbonic anhydrases, restriction enzymes, nucleoside monophosphate kinases, enzyme regulation.

BCHM 929 ADVANCED BIOINFORMATICS 3 Units

Scripting, use of computer program, installation of programs and navigation. Sequence blasting, gene sequence alignment, primer design. Phylogenetic analysis, protein alignment. Data mining. Molecular docking and dynamics.

BCHM 934 ADVANCED BIOTECHNOLOGY AND ENTREPRENEURSHIP 3 Units

Application of Biochemistry, molecular and cell biology and biophysics to solving human needs and problems. Recent advances in microbial fermentation, cell growth pathways. Flow charts. Nanotechnologies. Industrial enzymes. Vaccines and antibiotics productions. Marketing skills and strategies. Economics of production.

BCHM 939 ADVANCED NUTRITIONAL BIOCHEMISTRY 3 Units

Biochemical assessment of nutritional status. Adaptive responses for management of under- and over-nutrition. A review of the biochemistry of carbohydrates, fats, proteins vitamins and minerals in the context of human disease with emphasis on current knowledge of mechanisms that may explain the role of diet in the causation and or prevention of ischemic heart disease, diabetes, obesity, hypertension and cancer. Alcohol and fibre nutrition. Food sensitivity and toxicology. Micronutrients deficiency diseases. Proximate composition of foodstuff; estimation of fibre, additives, vitamins, trace minerals and amino acids in foods and drinks. Nutrition through the life cycle: pregnant and lactating women; infancy, young child, adolescent and elderly.

BCHM 970 DOCTORAL RESEARCH SEMINAR I 4 Units

Literature review on selected current techniques in biochemistry emphasizing application which will be presented in written and oral forms for assessment.

BCHM 980 DOCTORAL RESEARCH SEMINAR II 4 Units

Documentary research focusing on trends and issues in biochemistry under guidance of the instructor, to be presented to the members of the course for discussion and critique. In addition, a term paper on a topical issue in biochemistry will be submitted.

BCHM 990 THESIS 16 Units

This course focuses on proposal writing and approval which includes the topic, introduction to the study, review of the literature and research methodology. In addition, preliminary studies will also be carried out, leading to the Pre-field seminar presentation by the student. An intensive laboratory analysis is to be carried out to generate data for the writing of a thesis. Progress report will also be given by the student to the Department. The final stage involves data analysis, writing up of thesis, post-field seminar presentation, oral defence, final correction and submission of bound copies of the thesis to the College of Postgraduate Studies by the student. *The Thesis is to be registered for, over a four semester period.*

DEPARTMENT OF PHYSIOLOGY

Degree in View: M.Sc.

Areas of Specializaon:

- 1.Cell and molecular physiology
- 2.Gastrointesnal and inflammaon physiology
- 3.Endocrine physiology
- 4.Sleep and behavioral physiology



Vision statement

The MSc degree programme in Physiology is designed to provide an in-depth scientific and professional knowledge required by graduates of Physiology in particular and other biomedical sciences to meet the challenges of a constantly evolving biomedical research, practices of the healthcare and allied sectors in order to advise and create policies that impact positively on the overall quality of life while meeting global standards in this millennium. We seek understanding of God's creation to develop excellence in the whole human and inspire total commitment to God and humanity through unbiased and systematic observation, accurate documentation and interpretation of facts and phenomena.

Mission statement

The program is designed to train scientists in an atmosphere of intellectual quest and individual creativity to equip them with research skills capable of expanding the frontiers of biomedical research while ensuring wholesome contribution to the healthcare industry. The goal is to produce medical scientists who pay attention to medical sciences not only from the angle of curative research but also preventive research.

MASTER OF SCIENCE (MSC.) IN PHYSIOLOGY

Admission Requirements

Direct Admission

The criteria for admission into the Master Degree programme in Physiology will be as follows:

- (i) The programme is open to candidates with Bachelor of Science (BSc) degree in Physiology and related subjects. Candidates with professional qualification in Medicines (M.B B.S. etc.), Dentistry (B.D.S.) or Veterinary Medicine (D.V.M.) are also eligible.
- (ii) Candidates may be required to satisfy the Department in a selection process and other conditions as approved by the Babcock University College of Postgraduate Studies (CPGS).

Conditional Admission

Conditional admission to M.Sc. program could be granted to an applicant, with a Bachelor's degree in a related area from Babcock University or other Universities approved by Babcock University Senate, with a minimum of second class lower. Such candidate must pass some PGD Physiology courses within a semester (number of units and duration to be determined by the Department in consultation with the CPGS) prior to being granted provisional or regular admission to the M.Sc. program. The coursework must attain the required level of proficiency (50%) in order to qualify the applicant for admission to the M.Sc. program. No coursework may be taken which will be counted as part of the M.Sc. program while the student is under conditional admission.

Graduation requirements

a) To obtain a MSc. in Physiology, a candidate must take and pass with a minimum score of 45% in the GEDS courses and 50% in all the departmental courses culminating in 47 units made up as follows:

General Education course	= 4 credits
Core courses	= 33 credits
Electives	= 4 credits
Dissertation	= 6 credits

Duration of programme

The Master of Physiology program shall last for a minimum period of 3 semesters and maximum period of 5 semesters.

Areas of Specialization

Applied Physiology and Biotechnology
Cardiopulmonary Physiology
Endocrinology
Gastrointestinal Physiology
Medical Physiology
Molecular and Cell Physiology
Neurophysiology
Phytomedicine and Drug Discovery
Reproductive Physiology

LIST OF COURSES FOR MSc. IN PHYSIOLOGY

Course Code	Course Title	1st Sem	2nd Sem	3rd Sem
	GENERAL COURSES			
GEDS 801	Religion, Faith and Morality	2		
GEDS 812	Biostatistics		2	
	CORE COURSES			
PHGY 800	Biblical Perspectives on the Nature of Humanity		3	
PHGY 801	Responsible Conduct in Research	3		
PHGY 807	Cellular and Molecular Physiology	3		
PHGY 829	ICT and Research Methods in Physiology	3		
PHGY 839	Cardiopulmonary Physiology	3		
PHGY 851	Kidney and Electrolyte Physiology	3		
PHGY 852	Reproductive Physiology		3	
PHGY 854	Physiology of Digestion and Absorption		3	
PHGY 864	Endocrine Physiology		3	
PHGY 866	Neurophysiology		3	
PHGY 870	M.Sc. Seminar in Physiology		3	
PHGY 8---	Elective Courses	2	2	
PHGY 890	Dissertation			6
TOTAL = 47 Credits		19	22	6

ELECTIVES

Unit

PHGY 823	Immune System	2
PHGY 827	Musculoskeletal Physiology	2
PHGY 842	Nutrition Science	2
PHGY 844	Physiology in Extreme Environments	2

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 801: RELIGION, FAITH AND MORALITY

2 Units

GEDS 812: BIOSTATISTICS

2 Units

PHGY 800: Biblical Perspectives on the Nature of Humanity

3 Units

This course, being capstone in scope, explores the nature of humanity from biblical perspectives. It traces the origin and composition of humanity from the hand of God as the Creator, with emphasis on the implications of humanity being created in the image of God. It explores the impact of the Fall on the human nature as well as the concomitant changes and challenges encountered by humanity as corroborated by science, especially in the discipline of physiology. With the plan of salvation through Jesus Christ as a spring board, the course delineates God's

palliative measures in managing the warped human nature until the end of history when He makes all thing new and restores humanity to the pre-Fall state. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

PHGY 801: Responsible Conduct of Research

3 Units

Introduction to Responsible conduct of research (RCR). Overview of the ethical responsibilities of authors, criteria used to determine authorship, acknowledgement, and challenging and problematic authorship practices. Collaborative research, Conflict of Interest, different types of conflicts of interest, conflicts of commitment, and strategies that may mitigate or eliminate the impact of conflicts of interest. Ethical issues associated with data, including data acquisition, management, sharing, and ownership. Research involving human subjects, ethical and regulatory issues. Research Misconduct (fabrication, falsification, and plagiarism). Ethical and regulatory issues relating to the use of animal subjects in research. *Module involve both In-person class and Free online CITI course in RCR.*

PHGY 807: Cellular and Molecular Physiology

3 Units

The course includes synthesis, structure, and functions of biologically important macromolecules (DNA, RNA, and proteins). Regulation and control of the synthesis of RNA and proteins. Discussion of molecular biological techniques, including genetics and recombinant DNA techniques. Genome organization, mechanisms of gene regulation, and cell signaling. Genetics, DNA chemistry, Genomic DNA, Viral DNA, Nucleic acid extraction and modification, electrophoresis, southern blotting, western blotting, northern blotting, Densitometry, hybridization, amplification, detection and sequencing. Polymerase Chan Reaction (PCR), Real-Time PCR, Microarrays.

PHGY 823: Immune System

2 Units

This course is centered on the immune system, a multi-cellular system that functions to protect us from disease. It introduces concepts associated with the development and function of individual cells of the immune system (T-cells, B-cells, neutrophils, dendritic cells, macrophages), as well as their integrative roles in physiology and host defence.

PHGY 827: Musculoskeletal Physiology

2 Units

The course focuses on muscle development and growth, neuromuscular transmission, the control of human movement as well as the adaptation of skeletal muscle to interventions such as acute and long-term endurance and resistance training. Neuromuscular junction and motor end-plate, Muscle Innervation, Skeletal structure and function, Cellular structure of bone, Skeletal endocrine control, Cartilage, Ligaments, tendons, and joints.

PHGY 829: ICT and Research Methods in Physiology

3 Units

This course is intended to generate the students' interest in conducting empirical research. It is designed to prepare them to develop and conduct their own research in applied settings. Students will create, evaluate, and critique methodologically sophisticated research design by creating a research manual and a mixed-methods research prospectus throughout the semester. Students will learn the language of research and plan methodologically sound studies that have the potential to yield new insights and contribute to the existing body of literature

PHGY 839: Cardiopulmonary Physiology

3 Units

This course examines the physiology of the cardiovascular and respiratory systems during normal and pathological conditions. A closer look is directed at pathologic states such as Asthma, bronchiectasis, common infectious lung diseases, pulmonary vascular diseases, neuromuscular disorders affecting respiration and cystic fibrosis.

PHGY 842: Nutrition Science**2 Units**

This course provides an introduction to nutrition and focuses on the relationship between diet and health. Basic scientific information is presented in preparation for a discussion of applied issues such as weight loss, eating disorders, prevention of chronic disease, diet and exercise and vegetarian diets. Emphasis is placed on translation of current advice to actual food choices. Fundamental principles of human nutrition and metabolism and how exercise and sport influence nutrient needs and eating strategies. Carbohydrate loading and the efficacy of sports drinks, high fat diets and supplements. Nutrition for competition and for optimising recovery following performance. Approaches for monitoring training and competition load.

PHGY 844: Physiology in Extreme Environments**2 Units**

In this course students will study human physiological function and performance under extreme conditions. This will include altitude and acceleration physiology and the other major stresses that occur in flight, as well as hyperbaric and marine physiology.

PHGY 851: Kidney and Electrolyte Physiology**3 Units**

Course will expose students to in-depth discussion and understanding of several aspects of kidney function such as physiological control of glomerular filtration and glomerular function in health and disease; regulation of electrolyte secretion and excretion; morphology of renal transporters; renal mechanisms of acid-base balance and the renal physiologic responses to normal pregnancy.

PHGY 852: Reproductive Physiology**3 Units**

The aim of this course is to describe the causes of infertility, therapeutic approaches to restore or enhance fertility and contraceptive approaches to avoid pregnancy. A big emphasis of the course will be to provide a high quality apprenticeship in research in reproductive biology. The physiologic basis of assisted reproductive technology will be explored.

PHGY 854: Physiology of Digestion and Absorption**3 Units**

This course assesses the physiological mechanisms and current advances in GIT physiology. A brief overview of basic GIT and nutrition physiology is provided. It explores modern and current research focus in the field especially at the molecular level. A closer look is directed at pathologic states such as gut inflammation and wound healing, ulceration, intestinal bowel disease among others. An introductory foray into the concept of gut microbiome will be made.

PHGY 864: Endocrine Physiology**3 Units**

As a core area of physiology, this course looks into the amazing way in which hormones influence growth, development and function. A cursory look at nature of hormones and the mechanisms by which they exert their actions is taken. The regulatory roles of various hormones under both normal and pathological conditions is examined and how this knowledge is applied in research and treatment of diverse medical disorders such as diabetes, sleeping disorders, infertility, osteoporosis, sexual function among others.

PHGY 866: Neurophysiology**3 Units**

Describes the physiology and neurobiology of sleep and impact of sleep, sleep deprivation, and sleep disorders on immune, endocrine, cardiovascular, respiratory, and neural systems, as well as examines changes in sleep across the life span. The integrative nature of sleep and circadian rhythms in normal physiological and cognitive function and their importance in health and disease processes will be emphasized. Also examines the central and peripheral neural structures responsible for the control and coordination of human movement. Concepts in reflexive and voluntary movement control are emphasized. Correlation of the properties of ion channels and synaptic transmission with their physiological function such as learning, memory and behaviour will be treated. Other topics will include structural or functional abnormalities of the central and peripheral nervous system; lesions of the CNS and/or PNS on neurophysiological functioning.

PHGY 870: M.Sc. Seminar in Physiology**3 Units**

The aim of the research seminar is to enable students develop research, academic writing and scientific presentation skills within a specialized subject area of interest. Students will be required to make a scientific presentation on a selected project report before a panel of internal examiners.

PHGY 890**DISSERTATION****6 Units**

Independent research in selected areas of physiology under the supervision of an academic staff. Students will be required to carry out literature survey on the topic, perform experiment and produce dissertation. The submitted project report shall be defended before a panel of internal and external examiners.

SCHOOL OF COMPUTING AND ENGINEERING SCIENCES



DEPARTMENT OF COMPUTER SCIENCE

Degree in View: PGD, M.Sc., PhD

Areas of Specializaon:

- 1.Soware Engineering
- 2.Informaon Security
- 3.Arificial Intelligence
- 4.Networking and Telecommunicaon
- 5.Human Computer Interacon
- 6.Bio-Informacs
- 7.Informaon Systems
- 8.IT Project Management
- 9.Network and Cyber Security



Introduction:

The Department offers the following Postgraduate programmes:

- Postgraduate Diploma in Computer Science (PGD)
- Master of Science in Computer Science (MSc)
- Master of Philosophy in Computer Science (MPhil) Doctor of Philosophy in Computer Science (PhD)

POSTGRADUATE DIPLOMA (PGD) IN COMPUTER SCIENCE

Objectives of the PGD Program

To create opportunity for graduates of Computer Science with weak backgrounds or graduates and professionals in non-computing disciplines to make a seamless transition to Computing and

Information Technology areas to advance their quest to pursue careers that are akin to Computer Science and related areas.

Admission requirements

The Postgraduate Diploma in Computer Science is open to the following categories of candidates provided the UTME requirement of 5 Credits at O'Level (including English and Mathematics) in relevant subjects is met.

- Graduates of Computer Science and Information Technology of any recognized University with a minimum of a Third-Class Degree.
- Graduates of any field of study other than Computer Science or Information Technology of any recognized University with a minimum of a third-class degree.
- HND holders of Computer Science or Information Technology or any other closely related field of any recognized University or Polytechnic with a minimum of Upper Credit.
- HND holders of Computer Science, Information Technology of any recognized University or Polytechnic with a lower credit and at least three years post-qualification experience in the use of IT and related information systems.
- Holders of ACCA, ACA, AIB and CPE with a minimum of HND lower credit and other equivalent professional qualifications

Qualifying Examination

The candidates seeking admission shall be made to procure admission forms and may be subjected to a qualifying examination. Subject to good performance of the candidates in the qualifying examination, the Department shall recommend them to the College of Postgraduate Studies for provisional admission into the program.

Graduation Requirements

Candidates must pass the prescribed 32 units of course work and defend a research project of 4 credits. A total of 36 credits is required for the completion of the programme, with breakdown as follows:

General Courses 04	Units
Core Courses 24	Units
Elective Courses 04	Units
Research Project 04	Units
TOTAL 36 Units	

Duration of Programme

Minimum of two (2) semesters and maximum of four (4) semesters

Minimum CGPA for graduation: 3.00 on a scale of 5.00

List of Courses for PGD Computer Science

COURSE CODE	COURSE TITLE	1st Semester	2nd Semester
	GENERAL COURSES		
GEDS 701	Religion and Society	2	
GEDS 702	Statistics		2
	CORE COURSES		
COSC 701	Computing Systems	2	
COSC 702	Data Structures and Algorithms		2
COSC 703	Programming in C++	2	
COSC 707	Research Methods in Computing	2	
COSC 711	Logic and Digital Circuit Design	2	
COSC 712	Computer Architecture		2
COSC 721	Programming Techniques	2	
COSC 722	Computer Networks		2
COSC 731	Operating Systems	2	
SENG 752	Software Engineering: Concepts and Practice		2
COSC 761	Database Systems	2	
COSC 784	Introduction to Artificial Intelligence		2
COSC 7--	Elective Courses	2	2
COSC 790	Research Project		4
	TOTAL = 36 Credits	18	18

ELECTIVE COURSES*

COSC 741	Quantitative Methods	(2)	
COSC 742	Microprocessor Applications		(2)
COSC 762	Optimization Techniques		(2)
COSC 771	Internet Technologies	(2)	
COSC 772	Compiler Design		(2)
COSC 781	Computer Graphics	(2)	
COSC 782	Fundamentals of IT Project Management		(2)

* **SPECIAL NOTE:** *Students are to choose one elective course (2 units) per semester.*

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 701 RELIGION AND SOCIETY

2 Credits

GEDS 702 STATISTICS

2 Credits

COSC 701 COMPUTING SYSTEMS

2 Credits

Introduction to Computer Science, Computing Hardware, Software, Platform, Processing

Modes, and Networking. Information System Concepts. Systems Development. Information System Classes.

COSC 702 DATA STRUCTURES AND ALGORITHMS

2 Credits

Data Structures: Static data structures: pointers, vectors, stack and queue. Dynamic data structures: linked list, free storage lists, stacks and queue, dummy entries and circular chains. File organization and access techniques. Recursion and trees, Graph, network and relations. Data structures design consideration, problem analysis, abstract data types and formal specifications, divide and conquer, binary search, merge sort, quick sort and selection. Greedy method, optimal storage. Knapsack problem, job sequencing with deadlines, optimal merge patterns, minimum spanning trees.

COSC 703 PROGRAMMING IN C++

2 Credits

An introduction to program methodology using the C++ programming language including computer usage within a UNIX environment, C++ basic parts, problem solving, algorithm development, basic data types, control structures, arrays, functions, searching and sorting. Basic class concepts- constructors/destructors, operator over loads, inheritance, program style, program design, code documentation techniques, and program correctness. Procedural and object oriented programming. Other topics include File processing; Introduction to stacks and queues; and Applications.

COSC 707 RESEARCH METHODS IN COMPUTING

2 Credits

Introduction to research. Research principles and techniques. Ethical issues in research. Identifying research areas. Formulating research objectives. Research motivation. Conducting comprehensive literature review. Techniques for efficient searching and accessing of libraries, databases and repositories. Strategies for reviewing and criticizing existing literature. The course will also include independent investigation of appropriate themes and research issues in any topical current development in IT including Computer Science, Information Technology, Networking and Telecommunication, Information Systems, IT Security, Bio-informatics.

COSC 711 LOGIC AND DIGITAL CIRCUIT DESIGN

2 Credits

Computer system organization. Computer number systems and codes: Arithmetic operations on binary, hexadecimal and binary coded decimal (BCD) Digital logic and devices: inverted and non-inverted buffers, logic gates. Digital circuits: Combinational circuits (multiplexers, coders and decoders, comparators, shifters, adders and arithmetic logic unit). Sequential circuits (latches, flip-flop, registers and counters). ROM, RAM and Buses.

COSC 712 COMPUTER ARCHITECTURE

2 Credits

Overview of computer organization, register transfer sequences, operations instruction codes, control unit and; timing, Microcomputer structure and operation; memory, input/output, central processing unit, address bus, data bus and control bus. Microprocessor evolution and types (dedicated or embedded controllers, bit-slice processors and general purpose central processing units. Intel 8086 microprocessor family architecture and programming.

COSC 721 PROGRAMMING TECHNIQUES

2 Credits

Evolutionary trends of computer programming – Overview of different programming paradigms to include Structured programming, Event driven programming, multimedia (images, animation and audio) programming and Concurrent programming. Programming tools: Flowcharts, decision Table, Data Flow and Unified Modelling Language. Basic concept of Object Oriented Design (OOD) and Object Oriented Programming (OOP). Practical programming using Java to design and implement efficient software solution to problems.

COSC 722 COMPUTER NETWORKS**2 Credits**

Classification of computer network architecture, protocol hierarchies and layers design issues. Network protocols standards and controls. Network devices and media. Multimedia systems, Intra-networking and inter-networking and inter-networking. Practical issues of computer network implementation. Computer network privacy and security issues. Internet Technology and its applications such as e-mail, e-business, e-teaching and learning. World Wide Web (www), etc., www design and programming. Mobile and wireless technology and their applications in computer network environment.

COSC 731 OPERATING SYSTEMS**2 Credits**

Operating system: management of computer resources: memory, input-output devices, data and program files and processes. Privacy and security of resources. Case study of some popular operating systems such as UNIX, Microsoft Windows and LINUX.

COSC 741 QUANTITATIVE METHODS**2 Credits**

Introduction to pure and applied mathematics. Introduction to numerical analysis and computation. Elementary differential equations, Introduction to mathematical statistics. Statistical methods, Data survey, collection, verification, validation and statistical analysis using statistical packages such as SPSS and SAS.

COSC 742 MICROPROCESSOR APPLICATIONS**2 Credits**

Introduction to computer organizations, microprocessor memory devices, I/O devices and assemble language programming. Microprocessor interfacing and applications in the area of process monitoring and control.

COSC 761 DATABASE SYSTEMS**2 Credits**

Basic concepts, Motivations and objectives of data system. Architecture of centralized system and distributed database system. Introduction to database models, Logical and physical design of databases. Study of the features of a popular database management system and its use in the development, operation and maintenance of databases. Database privacy and security. Database failure and recovery. Auditing and control. Concurrency control mechanisms. Case study of database performance.

COSC 762 OPTIMIZATION TECHNIQUES**2 Credits**

Linear programming. Transportation problems, Network analysis and project scheduling. Games and strategies. Queuing theory principles and practice, Nonlinear programming. Decision support system.

COSC 771 INTERNET TECHNOLOGIES**2 Credits**

Current internet technologies and their effects. Web development – HTML, JavaScript, PHP and MySQL. Multimedia, Protocols and Server technology, Internet security, E-commerce, human interfacing and other related issues.

COSC 772 COMPILER DESIGN**2 Credits**

Programming language translator (assembler, compiler and interpreter): lexical analysis, transaction diagram regular expression, finite automata, syntax analysis, intermediate code generation and optimization. Development of a hypothetical computer programming language translator.

COSC 781 COMPUTER GRAPHICS**2 Credits**

Visual perception and representation. Cognitive psychology and emotional framework. Knowledge and mental knowledge. Computer graphics hardware devices and software packages. Two and three dimensional graphics and transformation. Viewing geometry, object modelling

and interactive processing. Multimedia: images, animation and audio.

COSC 782 FUNDAMENTALS OF IT PROJECT MANAGEMENT 2 Credits

The course is expected to cover key components of project management; nature and types of projects/project management; IT project management as special area; project management concepts, characteristics; stakeholders groups-functions, roles, responsibilities; project initiation, project charter, scope management and organization; project planning and control methodologies-Gantt Chart, CPM, PERT (cost, time, etc.), LOB; cost estimation modelscost, schedule and resource estimation techniques; investment feasibility/viability models (PBP,ROI,NPV,IRR,CBA); change control and quality management, human resource considerations, communications, risk management and procurement management.

COSC 784 INTRODUCTION TO ARTIFICIAL INTELLIGENCE 2 Credits

Expert system architecture, knowledge engineering: survey, acquisition, and representation. Tools for the development of knowledge base: Neural networks, fuzzy logic, and genetic algorithms. Inference engine: deductive reasoning (backward chaining) and inductive reasoning (forward chaining). Decision support engine: cognitive filter and emotional filter. Case study of some popular expert systems.

SENG 752 SOFTWARE ENGINEERING: CONCEPTS AND PRACTICE 2 Credits

Basic software engineering topics associated with the processes, documents and products of the entire software lifecycle. Topics include software evolution, project organization and management, feasibility studies, product definition, design, implementation and testing issues and the role of the software engineer within the lifecycle.

COSC 790 RESEARCH PROJECT 4 Credits

An independent investigation of an appropriate computer software or hardware problem carried out under the supervision of a faculty member. Before registering, the student must submit a written proposal to the supervisor for review. The proposal should give a brief outline of the project and computer resources needed. A formal written report in the form of a project report shall be submitted for oral examination by the Department Panel of Examiners.

MASTER OF SCIENCE (MSc) IN COMPUTER SCIENCE

Objectives of the Programme

To train graduate students in some specialized areas of computing, so as to prepare them for jobs in industry, business or government, and to provide support courses for students in engineering, medicine, forensics, management, mathematics and other fields requiring highlevel computational skills. The MSc in Computer Science program has seven specialization tracks, namely: Computer Science, Networking and Telecommunications, Cyber Security, Biomedical Informatics, Information Technology, Software Engineering, as well as Data Analytics and Business Intelligence. Furthermore, graduates of the MSc programme interested in advancing to the doctoral programme will be able to do so in any of the following five specializations: Computer Science, Networking and Telecommunications, Cyber Security, Biomedical Informatics, or Software Engineering.

Upon successful completion of the programme, students will be able to:

- Demonstrate a broad knowledge of Computer Science which includes design and analysis of algorithms, advanced computer programming, computer architecture and organization, algorithm design as well as research methods in computer science.
- Gain a substantial knowledge of one of the following specialties: Computer Science, Networking and Telecommunications, Cyber Security, Biomedical Informatics, Information Technology, Software Engineering, as well as Data Analytics and Business Intelligence.
- Demonstrate the ability to recognize, design and implement efficient software solutions to problems.
- Demonstrate knowledge and understanding of professional ethics as well as responsible behaviour.
- Become successful professionals able to gain employment anywhere in the world.
- Get accepted into a Computer Science PhD program or related fields, either here at Babcock or anywhere else in the world.

Admission Requirements

- a) An applicant for an MSc. degree programme in Computer Science shall normally possess not lower than Second Class Lower Division Honours degree from an approved university to be eligible for admission.
- b) An applicant for admission to a course of study leading to the award of an MSc. degree in Computer Science of the University shall be:
 - I. A graduate of Babcock University or its equivalents in Computer Science or Information Technology related discipline; or, ii. A graduate of any other tertiary institution approved by appropriate agencies of government in related disciplines.
 - iii. An applicant who holds a recognized qualification approved by senate of the University.
 - iv. A graduate of Babcock University's Postgraduate Diploma (PGD) in Computer Science with a minimum of 3.0/5.0 CGPA.

Notwithstanding the regulation in (b) above, the Department may require an applicant to undergo such tests as may be prescribed by the Postgraduate school or take such prerequisite course(s) and pass such examination as shall be prescribed.

Qualifying Examination

The candidates seeking admission shall be made to procure admission forms and subjected to a qualifying examination. Subject to good performance of the candidates in the qualifying

examination, the Department shall recommend the candidate to the College of Postgraduate Studies for provisional admission into the program.

Graduation Requirements

The MSc in Computer Science programme is designed to cover a minimum period of 3 semesters of academic work. The major modes of lecture delivery include the following: Direct classroom teacher/student contact, library assignments and material searches, seminar presentations, mini-projects, virtual classrooms & technology-enhanced learning environments, tutorials, and group assignments.

To obtain an MSc. Computer Science degree, a candidate must take and pass 49 units of courses made up as follows:

General Courses 04 Units	15 Units
Core Courses 21 Units	
Specialized Elective Courses	
Research Seminar 03 Units	
Dissertation 06 Units	
TOTAL 49 Units	

List of Courses for MSc in Computer Science

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL COURSES			
GEDS 801	Religion, Faith and Morality	2		
GEDS 802	Statistics		2	
	CORE COURSES			
COSC 800	Christian Ethics in Computing		3	
COSC 801	Advanced Computer Architecture	3		
COSC 802	Internet Systems		3	
COSC 811	Advanced Computer Networks	3		
COSC 812	Design and Analysis of Algorithms		3	
COSC 821	Advanced Programming Techniques	3		
COSC 822	Research Methods in Computer Science		3	
COSC 8--	Specialized Elective Courses*	9	6	
COSC 870	Research Seminar			3
COSC 890	Dissertation			6
	TOTAL = 49 Credits	20	20	9

* SPECIAL NOTES:

- Each student is to take five (5) elective courses during the programme broken down as follows:
 - three (3) elective courses in the first semester,
 - two (2) elective courses in the second semester.
- Each student must take three (3) of the elective courses from the track that aligns with his/her specialization. The other two (2) elective courses are to be picked from two other specialization tracks that complement the scope of the student's dissertation, as well as for crossbreeding purposes. **Consult Programme Coordinator and HOD.**
- The track from which a student selects the most elective course credits **MUST** be the specialization specified on his/her admission letter.
- It is required that the dissertation of the student should be written in line with the chosen area of specialization.

SPECIALIZATION TRACKS/ELECTIVE COURSES

Artificial Intelligence				
COSC 828	Experts Systems		(3)	
COSC 851	Introduction to Symbolic Artificial Intelligence	(3)		
COSC 863	Introduction to Robotics	(3)		
COSC 865	Computer Vision	(3)		
COSC 866	Deep Learning		(3)	
COSC 876	Machine Learning		(3)	
Biomedical Informatics				
COSC 845	Healthcare Information Systems (HIS)	(3)		
COSC 846	Decision Support Systems for Biomedical Modelling		(3)	
COSC 847	Image Processing and Visualization in Biomedical Sciences	(3)		
COSC 848	Programming for Health Informatics		(3)	
COSC 849	Healthcare Information Processing	(3)		
COSC 854	Controlled Medical Terminology		(3)	
Computer Science				
COSC 825	Operating Systems	(3)		
COSC 831	Microprocessor Systems	(3)		
COSC 832	Advanced Database Systems		(3)	
Cybersecurity				
COSC 836	Programming for System Administration		(3)	
COSC 837	Linux Systems Administration	(3)		
COSC 838	Web Application Penetration Testing		(3)	
COSC 839	Network Administration	(3)		
COSC 842	Information Security and Risk Management		(3)	
COSC 843	Infrastructure Penetration Testing	(3)		
Data Analytics & Business Intelligence				
COSC 868	Big Data Engineering		(3)	
COSC 871	Business Information Systems	(3)		
COSC 874	Strategic Information Systems		(3)	
COSC 875	Business Intelligence	(3)		
COSC 877	Data Visualization and Presentation	(3)		
Information Technology				
ITGY 855	Systems & Operations Analysis	(3)		
ITGY 856	Data Management		(3)	
ITGY 857	Cloud Computing Services & Operations	(3)		

ITGY 858	Information Technology (IT) Governance		(3)	
ITGY 859	Ethics in Information Technology	(3)		
ITGY 861	Digital Development for Business	(3)		
ITGY 884	Information Technology (IT) Project Management		(3)	
Networking & Telecommunication				
COSC 833	Data Communications and Networking	(3)		
COSC 835	Signalling System No. 7 (SS7)	(3)		
COSC 852	Electronic Signal Processing		(3)	
COSC 862	Wireless Communications		(3)	
Software Engineering				
SENG 834	Formal Methods in Software Engineering		(3)	
SENG 863	Web and Cloud Applications Development	(3)		
SENG 864	Designing and Developing Object-oriented Software		(3)	
SENG 865	Component-based Software Development	(3)		
SENG 866	Software Design: Principles, Models, and Patterns		(3)	

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 801 RELIGION, FAITH, AND MORALITY

2 Credits

GEDS 802 STATISTICS

2 Credits

COSC 800 CHRISTIAN ETHICS IN COMPUTING

3 Credits

This Course analyses from a biblical perspective the ethical and moral issues that arise for Computing Professional ethics, ethics in safeguarding Information System resources, laws in Computing, and virtual community, among others. Social issues and responses to be examined include potential conflict between religion and the application of Information Technology (IT), the effect of digitization and the social network phenomenon on the family unit, and the harmony of religion with the application of IT. Throughout, the biblical worldview will be emphasized. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

COSC 801 ADVANCED COMPUTER ARCHITECTURE

3 Credits

Structure and organization of digital computer systems. History and generation of processors and computers. Interconnection structure. Memory organization: Registers, RAM, ROM and Cache designs. Input and Output module. Operating System concepts. Instruction formats and addressing modes. Structure of the Processor and structure of the control unit.

COSC 802 INTERNET SYSTEMS

3 Credits

Overview of current Internet technologies. Internet service modelling. World Wide Web (www) technology: Web analysis and interface design issues, web programming with tools such as HTML, XHTML, Java Servlets and Java Server pages. Multimedia: images, animation and audio, Database-driven website design using PHP and MySQL. Internet Security.

COSC 811 ADVANCED COMPUTER NETWORKS

3 Credits

Computer network architecture and protocols. Cabled and wireless network technologies, Intra

Device to Device Communication: Algorithm and protocols designed for MANET; mesh and cellular networks. Content based Network Architectures: Principles of data dissemination, aggregation and caching that are applied to sensor networks; Internet of Things and other content-based paradigms. Applications: P2P, Social Networks, Cloud computing applications for IP networks and similar applications for next generation networks.

Abstraction, UML abstract data type, data type and data structure. Foundational data structures, algorithmic analysis, design patterns. Asymptotic, best case, average case analysis of algorithm; design techniques: divide and conquer, dynamic programming, greedy techniques. Amortized analysis, Complexity classes P and NP, NP-Completeness. Approximation algorithms, Parallel algorithms Cryptographic algorithms. Distributed algorithms.

Review of different programming paradigms. Evaluation of programming languages (readable, writeable, and reliable). Structured programming, Event driven programming, Concurrent programming. In depth study of Object-Oriented Programming (OOP) concepts. Program design using UML. Programming computers in OOP language environment using Java. Special applications of Java in database and web programmes. Survey of other OOP language environments such as C++, PHP, etc.

The core Modules that are covered in this Course are: Introduction to Research. Identifying Research Areas. Formulating Research Objectives. Research Ethics: Plagiarism & Attribution, Intellectual Property, Rights of Research Subjects, and Responsibilities of Researchers. Scientific Approaches to Literature Review (Thematic, Funnel / V-shaped, Chronological, Historical). Techniques for efficient searching and accessing of libraries, databases, and repositories. Strategies for reviewing and criticizing existing literature. Referencing & Citation in context. The Scientific Method, and Logical Foundations of Empiricism. Formulating Research Question(s), Hypotheses, Research Problems, and Objectives. Research Models (conceptual, theoretical, mathematical, and experimental). From Ontology to Methodology. Qualitative and Quantitative Research Methodologies (approaches, techniques, and tools). Writing Proposals for a Research Regimen. Data Gathering, Validation, and Analysis. Experimentation and Formal Approaches for Establishing Logical Arguments. Research Evaluation (simulation, performance assessment & metrics, benchmarking, statistical paradigms & analysis). Writing Research Reports (technical writing, formatting & chapterization, and presentation). The Publication Process (selecting outlets, peer-review, manuscript revision, acceptance & rejection). PostPublication (communicating research findings, academic conferences, research social networks). Recommended tool(s) for this Course include(s) *a Word Processor*, and *References / Citations Manager* (e.g. *Mendeley*, *Citation Machine*, or *Google Scholar*).

Memory and process management, Scheduling/Resource Management. Communication models, Synchronous and Asynchronous communication. File Protection and Security, File Management, and synchronization. Concurrency control, locks, lock implementation, deadlock, timestamp ordering, Atomicity in distributed transactions, Quorum consensus. Naming of systems and address binding. Virtualization and trusted computing, ParaVirtualization in Xen, Para-Virtualized x86 interface.

COSC 828 EXPERT SYSTEMS 3 Credits Knowledge Engineering. Knowledge Base design tools: neural networks, fuzzy logic, genetics algorithm, econometric models, and statistical models. Inference engine strategies: deductive reasoning (backward chaining) inductive reasoning (forward chaining). Decision support engine: cognitive and emotional frameworks. Case study of both hardware based, and software based expert systems. Contemporary issues, cases, and seminar presentations.

COSC 831 MICROPROCESSOR SYSTEMS 3 Credits
Microprocessor evolution, types and architecture. Micro-programming. Microprocessor system connections, timing, trouble shooting and interrupt. Digital interfacing. Analogue interfacing and industrial control, DMA, DRAM, Cache memories. Co-processors and EDA tools. Microprocessor system peripherals. Data communications and networks.

COSC 832 ADVANCED DATABASE SYSTEMS 3 Credits
Database conceptualization: Data abstraction, functional dependency and object-oriented modelling, Database implementation: database privacy, security, concurrency control, query optimization, Transaction processing and evaluation. Data mining and warehousing technology.

COSC 833 DATA COMMUNICATIONS AND NETWORKING 3 Credits
Network services and applications: DNS, HTTP, SMTP, peer-to-peer systems. Network transport architectures, TCP, UDP, TCP congestion control. Routing and forwarding, intradomain and inter-domain routing algorithms. Link layers and local area networks, especially Ethernet and Wi-Fi. Additionally: Multimedia communications and quality of service. Network measurement, inference, and management. Network experimentation and performance analysis. Network security. Protocol verification.

SENG 834 FORMAL METHODS IN SOFTWARE ENGINEERING 3 Credits
In this Course, students are exposed to the formal methods of software specifications by describing the software requirements precisely and thoroughly using a collection of mathematical modelling techniques, languages and tools that capture the abstract features of the system and allow us to verify and reason about the functional properties of the software before proceeding with the design and implementation. The course will include study of mathematical logic and proof techniques, discrete structures, and other mathematical topics that are used in software engineering.
Furthermore, the Course imbues learners with knowledge and skills in, and judgement about, two important styles of formal methods for reasoning about software: model checking and deductive verification. Each style will be introduced in three ways: conceptual, theoretical, and practical, using a particular tool. The course builds on skills in first-order logic and temporal logic, and shows how these formalisms can be applied, and extended, for the verification of software.
Recommended tool(s) for this Course include(s) *Concept Explorer*.

COSC 835 SIGNALLING SYSTEM NO. 7 (SS7) 3 Credits
Overview of signalling and signalling system. SS7 architecture: SP, STPs, Links, Link Sets, Routes and Route Sets. Point Codes functions and formats. Message Transfer Part (MTP) levels 1, 2 and 3. MTP error control, routing and load-sharing principles, and user identification. The ISDN User Part call control and supplementary services. Signalling Connection Control Part (SCCP) functions and services. SCCP connectionless and connection-oriented services applications. SCCP Global Title routing and segmentation function. Transaction Capabilities (TCAP) protocol stack and usage scenarios. TCAP Component Sublayer and Transaction Sublayer. Component-handling and transaction handling functions and procedures. The Dialogue Portion and application context negotiation. SS7 applications in Intelligent Networks and Mobile Networks. Introduction to SS7 over IP.

COSC 836 PROGRAMMING FOR SYSTEM ADMINISTRATION 3 Credits

This Course teaches the student how to automate day to day activities in systems and Network administration covering topics in the following: Python basics, flow control, functions, lists, dictionaries and structuring data, manipulating strings, pattern matching with regular expression, reading and writing files, organizing files, debugging, web scraping, working with excel spreadsheets, working with pdf and word documents, keeping time, scheduling tasks and launching programs, manipulating images, sending emails and text messages, and controlling keyboard and mouse operations using GUI Automation. Recommended tool(s) for this Course include(s) the *Python Programming Language*.

COSC 837 LINUX SYSTEMS ADMINISTRATION 3 Credits

This Course introduces and reinforces Linux systems administration covering topics like: Installing Linux operating systems, using essential tools, essential file management, working with text files, user and group management, configuring permissions, configuring Networking, Managing processes, Working with Virtual machines, Managing software, scheduling tasks, configuring logging, managing partitions, Basic kernel Management and Managing, and understanding and troubleshooting boot procedures.

Recommended tool(s) for this Course include(s) the *Kali-Linux Operating System*.

COSC 838 WEB APPLICATION PENETRATION TESTING 3 Credits

This Course teaches web application (in)security; core defence mechanisms; web application technologies; mapping the application; bypassing client-side controls; attacking authentication; attacking session management; attacking data stores; attacking back-end components; attacking application logic; attacking users: cross-site scripting; attacking users: other techniques; automating customized attacks; exploiting information disclosure; attacking Native compiled application; attacking application architecture; attacking the application server; finding vulnerabilities in source code; web application hacker's toolkit; and a web application hacker's methodology.

Recommended tool(s) for this Course include(s) the *Kali-Linux Operating System*.

COSC 839 NETWORK ADMINISTRATION 3 Credits

This Course teaches the following topics: Switches, VLANs, trunking, Link aggregation etc.; Routers, routing protocols (RIP, EIGRP, OSPF, BGP), redistribution etc.; Cisco devices configuration (4500, 6500 multilayer switches, 3550, 3750, etc.); Cisco Nexus discussion and configuration; MPLS; ACLs, authentication, NAT etc.; Firewalls (ASA, etc.); Wireless; VoIP; QoS; IP design; IPv4, IPv6.

Recommended tool(s) for this Course include(s) the *GNS3 Application*.

COSC 842 INFORMATION SECURITY & RISK MANAGEMENT 3 Credits

In this Course, the student is made to understand fundamental principles of information security and information risk management, covering: security definitions; control types; security frameworks; the crux of Computer crime and Laws; complexities in cybercrime; intellectual property laws; privacy; data breaches; policies, standards baselines, guidelines and procedures; risk assessment, analysis and management; risk management frameworks; business continuity and disaster recovery; personnel security; security governance; ethics; Information life cycle; classification; layers of responsibility; retention policies; protecting privacy; protecting assets and data leakage.

COSC 843 INFRASTRUCTURE PENETRATION TESTING 3 Credits

This Course introduces what students should know about penetration testing; gives a basic understanding of essential tool; passive information gathering, active information gathering; vulnerability scanning; buffer overflow, working with exploits; file transfers; privilege escalation; password attacks; port redirection and tunnelling; metasploit framework; and

bypassing antivirus software.

Recommended tool(s) for this Course include(s) the *HTB Lab*, *Kali Linux Operating Systems*, *VMWare Workstation*, and *NMap*.

COSC 845 HEALTHCARE INFORMATION SYSTEMS (HIS) 3 Credits

Here, students are introduced to a series of health/biomedical informatics applications including coding and classification, computer stored patient record systems, patient-centred information systems, methods of decision support, hospital information systems, and methodology for information systems. The Course stresses general methodology behind all methods and applications: emphasizing design, system components, and data structures and data management. Computer-based information system operation and management functions in the context of various professional settings, impact of information technology on health care management are reviewed and discussed. Particular attention is given to the importance of structuring and managing data using existing and evolving information technology.

COSC 846 DECISION SUPPORT SYSTEMS FOR BIOMEDICAL MODELLING 3 Credits

This Course will provide an overview of concepts, techniques and software pertaining to clinical decision making and decision analysis. Students will learn the application of decision trees to clinical and health care problems, estimation and revision of probabilities, artificial intelligence, expert systems, and decision-making techniques for their implementation as decision support systems in clinical and health information system settings.

Recommended tool(s) for this Course include(s) *R* | *RStudio*.

COSC 847 IMAGE PROCESSING AND VISUALIZATION IN BIOMEDICAL SCIENCES 3 Credits

Introduction to Medical Imaging Systems, is an introduction to all modalities of medical imaging. The course starts with an overview of the basic types of radiation and how those types of radiation interact with cells and tissues, then covers the basics of fluorescence and the differences between imaging patients and imaging tissue sections on slides as well as individual cells. Then the Course focuses on specific imaging modalities commonly used in clinical medicine and the biomedical sciences - how they work, their history, their uses, and their limitations. The final lecture will look at some of the latest advances in the medical imaging field, so students can be prepared for what improvements or new developments they might see in the next 5 -10 years.

Recommended tool(s) for this Course include(s) *Tableau* | *Power BI*.

COSC 848 PROGRAMMING FOR HEALTH INFORMATICS 3 Credits

Applied numerical methods will be introduced as a means for solving a wide variety of mathematical problems using MATLAB or R. The goal is to develop an inventory of standard mathematical and numerical analysis tools and a good understanding of the programming syntax within MATLAB or R to allow one to use these tools in applications pertinent to Health Informatics.

Recommended tool(s) for this Course include(s) *MATLAB* | *R*.

COSC 849 HEALTHCARE INFORMATION PROCESSING 3 Credits

Facing a fast-increasing amount of information available in electronic formats, the biopharmaceutical sector needs ways of dealing with and managing the volume of data stored and exchanged. XML's extensibility and interoperability make it an ideal format for sharing data between multiple sources. Indeed, XML and its associated technologies are going to play very essential roles in data management, information retrieval, knowledge management, and FDA submission related processes in single and multi-centre clinical trial data management. To meet this imminent need for the health informatics students to be employable in the bio-pharmaceutical sectors this course focuses on XML its setup, editing, validation and transformation for use in the

Health and the Bio-Pharmaceutical Sectors. Recommended tool(s) for this Course include(s) *Visual Studio* | *Notepad++*.

COSC 851 INTRODUCTION TO SYMBOLIC ARTIFICIAL INTELLIGENCE

3 Credits

Brief introduction to Artificial Intelligence. Search: Problem representation; Uninformed search (breadth-first, uniform cost, depth-first, Depth-limited search); Informed search (greedy BFS, A*, hill climbing, memory-bound). Planning: Introduction to classical planning; Representation languages (STRIPS, PDDL); State-space planning algorithms: forward and backward search, heuristic-based; Planning graphs; Planning tools (FF, LAMA). Causality: Modelling with structural equations and causal graphs; Determining counterfactual causes, actual causes and interventions; Measuring causality (responsibility, experts' judgment). Reasoning in logic: Foundations of logic programming: syntax and semantics (Herbrand models, Fixed point); Inference systems: SLD-resolution and SLDNF-resolution; Abduction and algorithms; Planning through abduction; SAT Solving: concepts and algorithms (DP, DPLL, CDCL); Answer set semantics for definite and normal logic programs; Answer set programming: choice rules, aggregates, weak constraints.

Recommended Tools/Applications: Clingo ASP Solver or Prolog.

COSC 852 ELECTRONIC SIGNAL PROCESSING

3 Credits

Digital Communication System: Fundamentals of digital communication, Sampling, Quantization, Random process. PSD. Gaussian processes. Modulation and detection for AWGN channels – PSK, ASK, FSK, QPSK, QAM, 16QAM, MSK, IQ Modulator, Demodulator. Spectral efficiency. Inter-symbol interference, OFDM, and equalizers. Source coding – PCM, DPCM, ADPCM; Source coding; Huffman Source coding, Lempel Ziv coding, Information and entropy. Shannon's theorem. Error Correcting Codes. Linear block codes, Cyclic codes, Convolution codes, Turbo codes. Viterbi Decoding Practical Application of coding. Various communication systems: Computer, wireless, satellite, and optical fibre communication systems. Case studies.

COSC 854 CONTROLLED MEDICAL TERMINOLOGY

3 Credits

Controlled Medical Terminologies (CMTs) are collections of concepts that can be used to unify and consolidate disparate terminologies in the medical domain. CMTs have been used to encode drugs, diagnoses, procedures, etc. They are core components of computer-based tools in the healthcare industry. CMTs play a major role in overcoming terminological differences in the design and integration of computerized healthcare information systems. They are used to reduce healthcare costs, provide better medical services, assess the quality of healthcare providers, and deliver healthcare services more efficiently. Large CMTs have been emerging as important resources for use in medical informatics applications, such as health care management systems, electronic patient record systems, expert systems, and medical information systems. In this course, several major controlled medical terminology systems, such as ICD, SNOMED, LOINC, UMLS, etc., will be introduced. Contents and structures of CMTs will be described in the course. How CMTs are used in biomedical information applications will also be discussed.

ITGY 855 SYSTEMS & OPERATIONS ANALYSIS

3 Credits

The core modules that are covered in this Course are: Specifications and Requirements Analysis. System Modelling & Methods (Waterfall, Agile, Incremental, V-shaped, Spiral, Extreme, etc.). Problem Identification & Definition. Systems Instrumentation Metrics. Systems Objectives & Scope of Operations. Object-orientation and Use Case Designs. Benchmarking Performance in Enterprise Systems. Understanding Complexity in Systems and Operations. Operations Efficiency (concepts, metrics, and models). Designing and Executing Feasibility Studies. Evaluating and Analysing User Experience. Conceptualizing Systems and Operations outcomes. Measuring Impact, Resilience, Performance, and Utility at Scale.

Recommended tool(s) for this Course include(s) the *Java Eclipse Studio*, *Navicat Data Modeller*, and *Oracle SQL Developer Data Modeller*.

ITGY 856 DATA MANAGEMENT

3 Credits

The core modules that are covered in this Course are: Introduction to Data Models (conceptual, logical, and physical). Data Types, Classes, and Applications. Database Modelling (hierarchical, relational, network, object-oriented, entity-relationship, etc.). Database Design and Implementation. Data Manipulation using Structured Query Language (SQL). Data Ethics (attribution, copyright, privacy, surveillance & profiling, civil / human rights). Data Governance & Regulation (platform liability, content management, the GDPR, regulatory compliance & assessment, data sovereignty, data centralization, fair data principles). Data-driven Innovation and Decision Support.

Recommended tool(s) for this Course include(s) *MySQL Workbench*, *Microsoft Access*, and *Oracle Database*.

ITGY 857 CLOUD COMPUTING SERVICES & OPERATIONS 3 Credits

The core modules that are covered in this Course are: Introduction to Cloud Computing (concepts, technologies, services, and utilities). Cloud Computing Platforms (vendors, and architecture). Parallel Programming in the Cloud. Distributed Storage Systems. Virtualization and Multi-tenancy (architectures, models, vendors, services, and operations). Performance and Scalability in the Cloud. Privacy and Security Issues in the Cloud. Multicore Operating Systems for Cloud Computing.

Recommended tool(s) for this Course include(s) *Hadoop*, and *Cloud Platform APIs (Amazon Web Services, Microsoft Azure, Google App Engine, etc.)*.

ITGY 858 INFORMATION TECHNOLOGY (IT) GOVERNANCE 3 Credits

In this Course, students learn how to audit the information technology assets of an organization, including how to prioritize and seamlessly integrate IT into the core business operations of the organization. The core Modules that are covered in this Course are: (a)

Why IT governance? Driving forces and challenges; Executive View of IT governance;

Who benefits and what are the value propositions? (b) Overview of Industry Best Practice Standards, Model and Guidelines covering some aspect of IT governance – PMBOK, PMMM, CMMI, ITIL, Security, select ISO standards, COBIT, Prince2, etc.; IT Governance framework and roadmap; Key Governance Processes – Planning, Execution, Performance Management, Steering Groups, etc. (c) Principles of Business/IT Alignment Excellence; Business and IT Plans, Investment/Portfolio Management Criteria; IT Engagement Model; Balanced Scorecard (d) Principles of IT Service Management and Delivery Excellence; ITIL (IT Infrastructure Library) and its value; Metrics; Work Flows; Business Rules. (e) Principles of Vendor Management and Outsourcing Excellence: Vendor Selection, Negotiations and Management. (f) Lessons Learned, Critical Success Factors, and Select Case Studies.

ITGY 859 ETHICS IN INFORMATION TECHNOLOGY

3 Credits

The core Modules that are covered in this Course are: Foundations and Theories of Information Technology Ethics. Trust in Information Technology. Ethics of Information Technology Artefacts (trust management, wikis, and information bots). Social Issues in Computer Ethics (Intellectual Property / Copyrights, Plagiarism & Ownership Attribution). New Technologies and Personal Identities (avatars, identity, social contracts, virtual boundaries & personas, digital autobiographies, privacy). Conflict, Security, and Information Technology Ethics. Gaining Advantage in Virtual Environments. Personal Values and Computer Ethics (Harassment, Child Grooming & Abuse, Gender Issues, Shaming, Hate & Disinformation, Racism, Cybercrimes, Financial Fraud). Ethical

Implications of Technology's Pervasive Role in Society. Digital Citizenship (Autonomy, Responsibility, Accountability). Social Networking and Emerging Ethical Dilemmas.

Information Technology Ethics in a Post-Truth Age.

Recommended tool(s) for this Course include(s) *a Collaborative Sharing Pin board - e.g. Canvas (for text), or Flip Grid (for videos), and an Online Bulletin Board Utility.*

ITGY 861 DIGITAL DEVELOPMENT FOR BUSINESS

3 Credits

The core modules that are covered in this Course are: Information Technology for Development (ICT4D) in a Business Environment. Digital Strategy in Practice (case studies in a business context). Agility Concepts, and Strategies for Organizational Change (the TEAL Model, and foundations of digital evolution). Modelling Business Processes / Business Process Modelling (BPM) - Concepts, Elements, Tools, and Mapping. Innovation and Disruptive Business Models (lean strategy, business canvas modelling). Disruptive Technology Trends and their Organizational Impact (Big Data, Cloud Computing, Internet of Things, Robotics, Cognizant Computing for Predictive Analytics). People Skills and Capabilities during Digital Transformations (team networks, technical support, agile workforces, and virtual teams). Frameworks for Transformation and Change Practices (communication, dimensions & approaches to change, enablers and incapacitators). Transformational Leadership for Managing Digital Development.

Recommended tool(s) for this Course include(s) the *LEANSTACK Canvas, Gantt Chart Utilities, UML Modellers (e.g. Java Eclipse Studio), Open ModelSphere, and Lucidchart.*

COSC 862 WIRELESS COMMUNICATIONS

3 Credits

Overview and History of Wireless Communication System. The Cellular Concept: Cellular mobile radio, personal communication services (PCS), Cellular system design. Radio propagation Mechanisms, Path Loss Model and Shadowing. Small Scale Fading and Multipath. Modulation Techniques: Spectrum-efficient modulation methods (GMSK, QPSK), spread-spectrum. Radio reception, receiver/transmitter. Adaptive equalization. Diversity techniques, Bit error rate and outage probability on fading channels. Multiple accesses for wireless systems: frequency, time, code, and space division multiple access. Satellite Mobile Wireless Networking (packet-reservation multiple access, switching mobility management for PCS), Wireless LAN. Wireless standards ÄMPS, IS-54, CDMA, Bluetooth, 2G, GSM and the PCS standard. Future (3G) systems, W-CDMA.

COSC 863 INTRODUCTION TO ROBOTICS

3 Credits

Brief Introduction to robotics. Applications and state of the art in mobile robotics. Case study on robotic floor cleaners. Robot Motion: wheel kinematics. Motors, gearing and PID control. 2D coordinates and rigid kinematics. Motion uncertainty. Sensors: sensor types and processing. Sensor/ motor control loops with feedback. Reactive behaviours. Motivation for probabilistic methods in robotics. Probabilistic representation of uncertain motion using particles. Monte Carlo Localisation: a full algorithm of probabilistic localisation within a known map, using odometry and sonar. Place Recognition, Occupancy Mapping and Dynamic Window planning. Introduction to Simultaneous Localisation and Mapping (SLAM). Review and Competition: all students take part in groups in a challenge race to complete a timed robotics objective. Recommended Tools/Applications:

Arduino|ESP32|Raspberry Pi.

COSC 865 COMPUTER VISION

3 Credits

Image formation. Image representation on computers. Image processing on computers for extraction of semantic information: Image filtering, Edge detection and interest point detection, Feature descriptors and Image classification. Algorithms for detecting interesting features in images: Object detection and image segmentation. Neural networks to perform natural image classification: Motion estimation. Algorithms for solving real-world problems such as hand-written digit recognition and object detection. Recommended Tools/Applications: Python|R|Matlab

COSC 866**DEEPLARNING****3 Credits**

Supervised vs unsupervised learning. Generalisation. Overfitting vs underfitting. Perceptrons: deep vs shallow models. Stochastic gradient descent and backpropagation. Convolutional Neural Networks (CNN) and underlying mathematical principles; CNN architectures and applications in image analysis. Recurrent Neural Networks (RNN). Long-Short Term Memory (LSTM). Gated Recurrent Unit (GRU). Applications of RNNs in speech analysis and machine translation. Mathematical principles of generative networks; Variational AutoEncoders (VAE); Generative Adversarial Networks (GAN); Applications of GANs in image generation; Graph Neural Networks (GNN): spectral and spatial domain methods, message passing. Recommended Tools/Applications: Python|R

SENG 863 WEB AND CLOUD APPLICATIONS DEVELOPMENT 3 Credits

In this Course, students will learn how to design and develop cloud-native applications that seamlessly integrate managed services from the Google Cloud Platform. Students will also learn how to apply best practices for application development and use the appropriate GCP storage services for object storage, relational data, caching, and analytics. Lab sessions further help to provide a hands-on experience in the Course, and learners can choose to complete these labs using their favourite programming language: Node.js, Java, or Python.

SENG 864 DESIGNING AND DEVELOPING OBJECT-ORIENTED SOFTWARE 3 Credits

This Course will focus on principles of object-oriented analysis and design utilizing UML, advanced object-oriented programming principles, design patterns, frameworks and toolkits, and Agile software design processes. It includes the development of a mid-sized programming project by students working in teams.

SENG 865 COMPONENT-BASED SOFTWARE DEVELOPMENT 3 Credits

The Course focuses on an approach to software development based on extensive use of preexisting standard (or customizable) components. It describes the principles and practices of systematically engineering software systems from components. It also illustrates how a repository of reusable candidate components can be integrated into a typical evolutionary process model. This Course will introduce various models that can be used to describe an object-oriented analysis and design models suitable for specifying Components-Based Software using Unified Modelling Language (UML). It helps learners to gain the knowledge of current component models in terms of their design, management, and related issues. The students will also be able to assess that how these models measure up to the goals of CBD. Whereas the Component-based Software Engineering process involves identifying candidate components; qualify each component interface and adapting components.

SENG 866 SOFTWARE DESIGN: PRINCIPLES, MODELS, AND PATTERNS 3 Credits

This Course is concerned with the application of software design principles to the design of applications. The Course approaches software design from three perspectives: the software engineering principles that enable development of quality software, modelling of software elements using the Unified Modelling Language (UML), and the application of design patterns as a means of reusing design models that are accepted best practices.

COSC 868 BIG DATA ENGINEERING**3 Credits**

Data engineering is core to the effective development of scalable software applications.

This Course will provide an in-depth understanding of terminologies and the core concepts behind big data problems, applications, systems, and the techniques, that underlie today big data computing technologies. It provides an introduction to some of the most common frameworks such as Apache Spark, Hadoop, MapReduce, Large scale data storage technologies such as in-

memory key/value storage systems, NoSQL distributed databases, Apache Cassandra, HBase and Big Data Streaming Platforms such as Apache Spark Streaming, Apache Kafka Streams that have made big data analysis easier and more accessible.

COSC 871 BUSINESS INFORMATION SYSTEMS

3 Credits

This Course introduces students to the foundations of how an information system (IS) can be useful in managing the processes and organization of a business, and the factors that can influence the decision to select a particular IS by a business. Students also learn how businesses use databases to collect data, the different methodologies that underlay the development of an IS, the functional composites of such a system, as well as the fundamentals of communication and networking that take place within a system and among multiple systems. In addition, students get to evaluate the impact of the Internet on the use of information systems in the business processes of organizations; while also studying the various of roles and responsibilities that feature within an IS department, including the role of management, as well as ethical considerations, and how an organization must protect itself and its business information systems against threats.

COSC 870 RESEARCH SEMINAR

3 Credits

The Course will include independent investigation of appropriate themes and research issues in any topical current development in IT including Computer Science, Networking and Telecommunications, Cyber Security, Biomedical Informatics, Information Technology, Software Engineering, as well as Data Analytics and Business Intelligence etc. The investigation is to be conducted in research interest related to the students intended area of specialization for the development of the student's thesis. Reports of the investigations are to be produced and seminar presentations made.

COSC 874 STRATEGIC INFORMATION SYSTEMS

3 Credits

This Course examines current issues, themes, and research related to the strategic use of information systems in organizations. It focuses on the use of information and information technology for competitive advantage in businesses, organizations, and non-profits. It explores the impact of an innovative environment on the design and implementation of strategic systems and explores the concept of strategic alignment between the business and information technology. It examines in detail the use of portfolio management in selecting information technology projects that provide real strategic value to the company. It explores the issue of deriving real value out of information technology investments and discusses the development of meaningful benchmarks. This Course also includes some in-depth discussions regarding the impact of IT security and government regulations on the organization.

COSC 875 BUSINESS INTELLIGENCE

3 Credits

This Course introduce students to the three types of analytics – descriptive, predictive, and prescriptive. It provides a foundation for decision making in general and computersupported decision making. Further presenting an overview of descriptive or reporting analytics, as well as predictive analytics. It finally introduces big data analytics and emerging trends in business analytics.

Recommended tool(s) for this Course include(s) *Hadoop, Python, RStudio, and Excel*.

COSC 876 MACHINE LEARNING

3 Credits

This Course covers the topics: Introduction to machine learning, linear classification, perceptron update rule; Problems, data, and tools; Visualization; Perceptron convergence, generalization; Maximum margin classification; Classification errors, logistic regression, Linear regression, estimator bias and variance, active learning; SSE; Gradient descent; Closed form; Normal equations; Non-linear predictions, kernels; Kernel regression, kernels; Support vector machine (SVM) and kernels, kernel optimization; Model selection & Model selection criteria; Description length, feature selection; Classification problems; Decision boundaries; Nearest neighbour

methods; Combining classifiers (Ensemble methods): Bagging, random forests, boosting; Margin, Overfitting, and complexity; Training, validation, and test data; Margin and generalization, mixture models; Mixtures and the expectation maximization (EM) algorithm; Regularization and Clustering (Spectral clustering); Unsupervised learning: k-means, hierarchical agglomeration; Markov models, Hidden Markov models (HMMs), Bayesian networks; Probabilistic inference; Current problems in machine learning.
Recommended tool(s) for this Course include(s) *MATLAB®*, *Python*, and *RStudio*.

COSC 877 DATA VISUALIZATION AND PRESENTATION 3 Credits

This course introduces the visual tools and techniques used in modern data science to develop and deploy data driven insights. It provides a foundation for visualization to support exploratory analysis, statistical modelling, machine learning, and presentation of results on structured and unstructured data. Here, students develop and present deep analyses for wider audiences.
Recommended tool(s) for this Course include(s) *Power BI*, *RStudio*, and *Tableau*.

ITGY 884 INFORMATION TECHNOLOGY (IT) PROJECT MANAGEMENT 3 Credits

The core modules that are covered in this Course are: Introduction to Project Management (importance, concepts, planning, structure & organization, valuation, options & alternatives). Introducing the Project Lifecycle (initiation, planning & scheduling, monitoring & control, and termination). Project Lifecycle Management. Advanced Project Case Formulation/Appraisal. Detailed Feasibility and Viability Studies. Project Management Models & Methodologies. IT Projects VS Non-IT Projects. Project Network Diagrams. Critical Path Analysis and Chain Evaluation. Project Scheduling (setting timelines, and deliverables). Resource(s) Allocation and Constraints Handling. Estimating Cost and End Value. Trade-off Analysis. Performance Measurement. Project Risk Analysis & Management. Monitoring and Control. Project Termination and Reporting. Project Management Tools for Computer-based Project Management.
Recommended tool(s) for this Course include(s) *Microsoft Project 2010 – 2016*, *Trello*, and *Hubstaff*.

COSC 890 DISSERTATION 6 Credits

An independent investigation of an appropriate computer software or hardware problem carried out under the supervision of a faculty member. Before registering, the student must submit a written proposal to the supervisor for review. The proposal should give a brief outline of the project and computer resources needed. A formal written report in the form of a thesis shall be submitted for oral examination by the Department Panel of Examiners and moderated by a University appointed External Examiner.

MASTER OF PHILOSOPHY (MPhil) IN COMPUTER SCIENCE

POLICY GOVERNING ADMISSION TO MPhil PROGRAMME

Candidates who have between 3.00 - 3.49 on a 5 point scale or 50% - 54% cumulative average in their MSc degree may be admitted into the MPhil programme. The MPhil programme shall be for two years (4 Semesters). In the first year, the MPhil candidate will be expected to complete the first year (2 Semesters) of PhD coursework. In the second year, the MPhil candidate will complete the MPhil through research and production of the MPhil dissertation. The MPhil must be completed with a minimum of 60% average score or CGPA of 4.0/5.0 for the candidate to be eligible to regular admission into the PhD in Computer Science programme. After the successful completion of all requirements for the MPhil, the candidate may directly proceed to the second year of the PhD programme.

The MPhil in Computer Science from Babcock University with a minimum proficiency level of 60% or CGPA of 4.0/5.0, will count for the first year of the PhD programme, with the student commencing the activities of the second year of the PhD programme of study.

GRADUATION REQUIREMENTS

To complete the MPhil Computer Science program the candidate must take and pass a minimum of 37 credits of PhD first year level courses and a Dissertation as follows:

General Courses 08 Units	09 Units
Core Courses 12 Units	
Specialized Elective Courses	
Research Seminar 03 Units	
Dissertation 08 Units	
TOTAL 40 Units	

Curriculum for the MPhil Computer Science Programme

		1 st Year		2 nd Year	
COURSE CODE	COURSE TITLE	1 st Sem.	2 nd Sem.	1 st Sem.	2 nd Sem.
GENERAL COURSES					
GEDS 901	Personal and Family Wholeness	2			
GEDS 902	Advanced Statistics		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
CORE COURSES					
COSC 911	Theory and Formal Models of Computation	3			
COSC 912	Advanced Design and Analysis of Algorithm		3		
COSC 915	Applied Computer Networking	3			
COSC 924	Applied Computer Architecture		3		
COSC 9--	Specialized Elective Courses*	6	3		
COSC 880	MPhil Seminar in Computing			3	
COSC 890	MPhil Dissertation			(8)	8
	TOTAL = 40 Credits	16	13	3	8

* See the Curriculum for the PhD program for the list of Specialized Elective Courses.

DOCTOR OF PHILOSOPHY (PhD) IN COMPUTER SCIENCE

PHILOSOPHY

The programmes in the department are based on the philosophy that the rate of technological development of a nation depends to a great extent on the size, quality, motivation and orientation of its science and engineering workforce. It is clear that the computer is playing a major role in technological advancement of any nation in this millennium and this will depend largely on the quality and quantity of electronic and computer scientists.

OBJECTIVES

- Further development of the inquisitiveness of candidates through training and research in an atmosphere of intellectual independence and individual creativity combined with strong sense of group participation.
- Advancement of scientific knowledge in the area of computer science.
- The programme, apart from the traditional goal of training manpower for national development, is also targeted at training Adventist Faculty. This is expected to reduce the dependence of the institution on highly skilled non-Adventist faculty members for her undergraduate programmes and to facilitate the speedy realization of her educational goals.
- To effectively prepare a generation of men and women for the challenges in the contemporary global competition driven largely by Information Technology.
- To equip graduates of the programme with necessary theoretical and practical knowledge and skills needed for hardware and software research and development.
- Graduates should be able to pioneer research activities in their area of specialization and build capacity that is capable of effective supervision doctoral candidates.

ADMISSION REQUIREMENT TO THE PHD PROGRAMME

Candidates seeking admission into the PhD programme in Computer Science are required to have an MSc degree in Computer Science or Information Technology related subject, and therein they would have obtained at least 4.0 on a 5.0 – point scale or an average of 60% score. Candidates must submit official transcript as evidence of this.

Candidates with a CGPA of 3.50 to 3.99 on a point scale of 5.0 or 55% – 59% in their MSc degree may be admitted under conditional status (provisional) to the PhD programme, provided that they successfully complete a minimum of 16 additional credits in Master's level coursework in Computer Science of Babcock University and pass with a minimum of 60% average score or CGPA of 4.0/5.0 prior to the commencing of any coursework in the PhD in Computer Science programme.

POLICIES GOVERNING ADMISSION TO A PHD PROGRAMME

- a. Regular admission to a PhD programme may be granted when the applicant presents a Master's degree in Computer Science or Information Technology related course, from a recognised university and all other admission requirements including a Bachelor's Degree in Computer Science or Information Technology related course with at least a second class lower division with a CGPA of 3.0/5.0, at least five credits including English and Mathematics at GCE ordinary level, and a student's demonstration of intellectual capacity and maturity etc.
- b. Provisional admission to a PhD programme may be granted when the applicant brings a master's degree from a recognized university with a CGPA of 3.5 to 3.99. The candidate must however complete a minimum of 16 credits at MSc level coursework in Computer Science of Babcock University and pass with a minimum of 60% average score or 4.0/5.0 CGPA before commencing any coursework in the PhD Computer Science Program.

Note

A student who has started the PhD programme in another university may transfer earned credits to the Babcock University PhD programme in Computer Science in strict compliance with the CPGS policies on transfer of credits. The Department reserves the right upon approval of the CPGS to offer or deny admission to prospective applicants based on existing faculty and staff needs, budgetary considerations, strategic needs/plans, etc.

GRADUATION REQUIREMENTS

To complete the PhD Computer Science Programme, a candidate must take and pass a minimum of 59 credits of coursework and research work:

General Courses 08 Units	12 Units
Core Courses 15 Units	
Specialized Elective Courses	
Research Seminar 08 Units	
Thesis 16 Units	
TOTAL 59 Units	

List of Courses for PhD in Computer Science

COURSE CODE	COURSE TITLE	1 st Year		2 nd Year		3 rd Year	
		1 st Sem.	2 nd Sem.	1 st Sem.	2 nd Sem.	1 st Sem.	2 nd Sem.
	GENERAL COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 902	Advanced Statistics		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
COSC 900	Ethical Perspectives in Computer Science			3			
COSC 911	Theory and Formal Models of Computation	3					
COSC 912	Advanced Design and Analysis of Algorithm		3				
COSC 915	Applied Computer Networking	3					
COSC 924	Applied Computer Architecture		3				
COSC 9--	Specialized Elective Courses*	6	3	3			
COSC 970	Research Seminar 1 (Doctoral) †			4			
COSC 980	Research Seminar 2 (Doctoral) †				4		
COSC 990	Thesis			4	4	4	4
	TOTAL = 59 Credits	16	13	14	8	4	4

*** SPECIAL NOTES ON SPECIALIZED ELECTIVE COURSES:**

- Each student is required to take four (4) elective courses in all, broken down as follows:
 - two (2) elective courses in the first semester of Year 1,
 - one (1) elective course in the second semester of Year 1, and
 - one (1) elective course in the first semester of Year 2.
- Each student must take two (2) elective courses from the track that aligns with his/her specialization. The other two (2) elective courses are to be picked from two other specialization tracks that complement the scope of the student's thesis, as well as for crossbreeding purposes.
Consult with Program Coordinator and HOD.

SPECIALIZATION TRACKS/ELECTIVE COURSES

Artificial Intelligence							
COSC 910	Experts Systems and Applied Artificial Intelligence		(3)				
COSC 928	Applied Machine Learning		(3)				
COSC 938	Advanced Robotics		(3)				
COSC 941	Knowledge Representation	(3)					
COSC 945	Reinforcement Learning	(3)					
Biomedical Informatics							
COSC 936	Molecular Imaging		(3)				
COSC 934	Clinical Trial Data Management		(3)				
COSC 935	Drug Discovery Informatics and Drug Design	(3)					
COSC 937	Translational Bioinformatics: Biomarker Discovery and Personalized Healthcare	(3)					
COSC 940	Healthcare Outcomes Management and Research		(3)				
COSC 950	Biostatistics		(3)				
Computer Science							
COSC 906	Human Computer Interaction		(3)				
COSC 927	Applied Database Systems	(3)					
COSC 944	Computational Optimization		(3)				
COSC 981	Advanced Information Technology (IT) Project Management	(3)					
Cybersecurity							
COSC 918	Security Architecture and Engineering		(3)				
COSC 919	Identity and Access Management	(3)					
COSC 925	Security Operations	(3)					
COSC 930	Security Assessment and Testing		(3)				
COSC 976	Software Development Security		(3)				
Networking and Telecommunication							
COSC 916	Wireless Sensor Networks		(3)				
COSC 920	Communication and Network Security		(3)				
COSC 923	Digital Signal Processing	(3)					
COSC 926	Network Design		(3)				
COSC 943	Advanced Wireless Communication Systems	(3)					
Software Engineering							
SENG 938	Software Architecture and Component-based Design		(3)				
SENG 941	Software Re-engineering	(3)					
SENG 942	Multi-agent Systems and Software Maintenance		(3)				

Biblical Worldview to PhD Research

The PhD thesis of students must include a chapter or section devoted to the biblical worldview or moral implication of the topic under investigation.

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 901 PERSONAL AND FAMILY WHOLENESS **2 Credits**

GEDS 902 ADVANCED STATISTICS **2 Credits**

GEDS 911 RESEARCH PROPOSAL AND WRITING **2 Credits**

GEDS 912 ADVANCED RESEARCH DESIGN **2 Credits**

COSC 880 M.PHIL SEMINAR IN COMPUTING **3 Credits**

This course is designed to teach students how to engage in critical research writing, especially bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. It also exposes students to how to write internationally acceptable articles on methodology and design as well as prepares the student toward meaningfully engaging in the process of writing the Dissertation. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

COSC 890 M.PHIL DISSERTATION **8 Credits**

This course is designed to teach students how to engage in critical research writing, especially bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. It also exposes students to how to write internationally acceptable articles on methodology and design as well as prepares the student toward meaningfully engaging in the process of writing the Dissertation. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

COSC 900 ETHICAL PERSPECTIVES IN COMPUTER SCIENCE **3 Credits**

This course analyses from a biblical perspective the ethical and moral issues that arise for Computer Science professionals. These issues include Computing Research ethics, Computing Professional ethics, ethics in safeguarding Information System resources, laws in Computing, and virtual community, among others. Social issues and responses to be examined include potential conflict between religion and the application of Information Technology (IT), the effect of digitization and the social network phenomenon on the family unit, and the harmony of religion with the application of IT. As religion interfaces with computing sciences in matters relating to ethics, the role of conscience in decision-making will be underscored. Against a variety of ethical options and philosophical standpoints, the biblical worldview will be emphasized, and this is expected to be incorporated into term papers resulting from students' research on specific topics relevant to the Course. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

COSC 906 HUMAN COMPUTER INTERACTION **3 Credits**

Importance of user Interface. Characteristics of graphical and web user interfaces. Importance of good design. Benefits of good design. Principles of good Screen design. System menus and navigation schemes. Kinds of windows. Device based controls. Screen based controls. Test and messages. Feedback, guidance, and assistance. Internationalization and Accessibility. Graphics, icons and images, colors, layout windows and pages. Interaction design and usability. Conceptualizing interaction problem space. Conceptual models. Interface metaphors. Interaction paradigms. Cognition, conceptual framework for cognition. Collaboration, communication, social mechanisms, and conceptual framework. Affective aspects. Expressive interface. User frustration agents. Process of interaction design activities characteristics. Practical issues. Life

cycle models. Design, prototyping and conceptual design. Physical design and evaluation. Framework testing. Modeling users/kinds of tests. Doing user testing. Experiments. Predictive models.

COSC 910 EXPERTS SYSTEMS AND APPLIED ARTIFICIAL INTELLIGENCE 3 Credits

This course covers an Overview of Expert Systems, and the Characteristics of AI systems; The field of AI, and how it has evolved; Capabilities and applications of Expert Systems to various domain areas; How Expert Systems work – Knowledge representation, the knowledge base, and the inference engine; Uncertainty and fuzzy logic; Expert System technologies in real life; Roles in Expert System development; Development and maintenance of Expert Systems; Expert Systems in business and organizational contexts: Benefits & challenges / limitations; Applied Artificial Intelligence for Natural language processing, Robotics, Computer vision, Computerized speech recognition, and Machine learning; and Neural Networks.

Students would get involved with practical case studies and would have an opportunity to develop a prototype Expert System for a domain or application of interest.

Recommended tool(s) for this Course include(s) the *KEE (Knowledge Engineering Environment)*, *ART (Automated Reasoning Tool)*, and *Knowledge Craft*.

COSC 911 THEORY & FORMAL MODELS OF COMPUTATION 3 Credits

This course introduces students to Automata Theory: finite state automata, push-down automata, formal grammars, and parsing. Turing machines, Universal Turing machines, Church's Thesis, solvability, and decidability. System format specification, refinement, safety, and liveness condition. Proof of correctness. Format semantics: operational, denotational, axiomatic, and algebraic.

COSC 912 ADVANCED DESIGN & ANALYSIS OF ALGORITHMS 3 Credits

This course covers asymptotic, best case, average case analysis of algorithm design techniques: divide and conquer, dynamic programming, greedy techniques, Amortized analysis, Complexity classes P and NP, NP-Completeness. Approximation algorithms, Parallel algorithms Cryptographic algorithms. Distributed algorithms.

COSC 924 APPLIED COMPUTER ARCHITECTURE 3 Credits

This course gives an overview of the requirements and the architecture of parallel computer systems, performance, reliability, and costs. Students get to understand the function, the design, and the performance modeling of parallel computer systems through technical and corporate insights into the innovative Computer Systems/Architectures (CPU, GPU, FPGA, special processors) and their real-life implementations and applications. More specifically, the Course explores the following critical questions in context, and from a research-driven perspective:

Which computer architecture allows the control of the over 1000 magnets at the Swiss Light Source (SLS)? Which architecture is behind the alarm centre of the Swiss Railway (SBB)? Which computer architectures are applied for driver assistance systems? Which computer architecture is hidden behind a professional digital audio mixing desk? How can data streams of about 30 TB/s, produced by a proton accelerator, be processed in real time? Can the weather forecast also be processed with GPUs? How can a good computer architecture be found? Which are the driving factors in successful computer architecture design?

COSC 915 APPLIED COMPUTER NETWORKING 3 Credits

This course covers: Computer network architecture and protocols. Cabled and wireless network technologies, Intra networking, inter networking and cluster computing technology. Computer network hardware and software platform, back-end and front-end. Computer network services, privacy, security, and performance evaluation. Mobile agent technology and its application in a computer network environment.

It also covers Basic networking concepts, Network modelling, Bridging / Switching and VLAN concepts, Cisco basics, IOS & network basics, Routing protocols & Network management, and Fundamentals of network security.

Recommended tool(s) for this Course include(s) *GNS* and *Cisco Packet Tracer*.

COSC 916 WIRELESS SENSOR NETWORKS

3 Credits

This course enables students develop an in-depth knowledge and understanding of wireless sensor networks. It covers: Introduction to wireless networks, architectures and technologies; Wireless sensor network platforms: Hardware and Software; Communication architecture and protocols for WSN (MAC, Link, and Routing); Energy management; Sensor data acquisition: processing and handling; Signal processing, target localization and tracking, self-organization; Modelling and Simulation of WSN; and Application case studies in healthcare, environmental monitoring, and smart homes.

COSC 976 SOFTWARE DEVELOPMENT SECURITY

3 Credits

Topics covered in this Course include: Building good code; software development life cycle; software development methodologies; capability maturity model integration; change management; security of development environments; secure coding; programming languages and concepts; distributed computing; mobile code; web security; database management; Malicious software (malware); accessing the security of acquired software.

COSC 918 SECURITY ARCHITECTURE AND ENGINEERING 3 Credits

Topics covered in this Course includes: Fundamental principles of security; control types; security frameworks; system architecture, computer architecture; operating systems; system security architecture; security models; systems evaluation; certifications vs accreditation; open vs closed systems; and system security. Client-based systems, client-server systems, distributed system, cloud computing, parallel computing, database systems, web-based systems and cyber-physical systems; maintenance hook, time of check/time of use attacks; cryptography in context; cryptography definitions and concepts; types of cipher; methods of encryption; types of symmetric systems; types of asymmetric systems; message integrity; public key infrastructure; applying cryptosystems; attacks on cryptography; site and facility security; the site planning process; and internal support systems.

COSC 919 IDENTITY AND ACCESS MANAGEMENT

3 Credits

This course covers an overview of Access controls and security principles, including: Identification, authentication, authorization and accountability; Integrating Identity as a service; access control mechanisms; access control techniques and technologies; managing the identity and access provisioning Life cycle; controlling physical and logical access; access control practices; access control monitoring; and threats to access control.

COSC 923 DIGITAL SIGNAL PROCESSING

3 Credits

Most signals exist in the natural form of analog signals. However, a large proportion of signal processing is nowadays done on digital processors (including smartphones). This requires a conversion of the real-world signals to digital form and then conversion back to the analog form following the processing. Thus, this Course covers: Sampling, aliasing and the relationship between discrete and continuous signals; Review of Fourier transforms, the Z-transform, FIR and IIR filters, and oscillators; Filter implementation techniques, structures and numerical round-off effects, and Filter design techniques; Auto-correlation, cross-correlation, and power spectrum estimation techniques; Linear prediction, Wiener filters, LMS adaptive filters, and applications; Multi-rate signal processing and sub-band transforms; Time-frequency analysis, the short time Fourier transform, and wavelet transforms.

COSC 926 NETWORK DESIGN**3 Credits**

This course exposes students to the intricacies of designing and managing various aspects of organizational networks. It covers: Analyzing Business Goals and Constraints; Characterizing the Existing Internetwork; Designing a Network Topology; Designing Models for Addressing and Numbering; Selecting Switching and Routing Protocols; Developing Network Security Strategies; Developing Network Management Strategies; Physical Network Design: Selecting Technologies and Devices for Campus Networks; Selecting Technologies and Devices for Enterprise Networks; Testing Network Design; and Optimizing Network Design.

COSC 925 SECURITY OPERATIONS**3 Credits**

This course covers the role of the operations department; Administrative management; physical security; secure resource provisioning; Network and resource availability; preventing and detecting; the incident management process; investigations. Computer forensics and proper collection of evidence, motive opportunity and means, computer criminal and behaviour, incident investigators, types of investigations, the forensic investigation process what is admissible in court, surveillance, search and seizure; Disaster recovery; liability and its ramifications, Insurance; implementing disaster recovery; and personal safety concerns.

COSC 927 APPLIED DATABASE SYSTEMS**3 Credits**

This course provides an application-driven perspective into Database conceptualization; Data abstraction, functional dependency and object-oriented modelling, Database implementation: database privacy, security, concurrency control, query optimization, Transaction processing and evaluation. Data mining and warehousing technology. Recommended tool(s) for this Course include(s) *Microsoft Access, Oracle DBMS, Rapid Miner, and PostgreSQL*.

COSC 928 APPLIED MACHINE LEARNING**3 Credits**

This course introduces machine learning techniques and theory, with a focus on its use in practical applications. During this course, a selection of topics will be covered in supervised learning, such as linear models for regression and classification, or nonlinear models such as neural networks, and in unsupervised learning such as clustering. The use cases and limitations of these algorithms will be discussed, and their implementation will be investigated in programming assignments. Methodological questions pertaining to the evaluation of machine learning systems will also be discussed, as well as some of the ethical questions that can arise when applying machine learning technologies.

There will be a strong emphasis on the real-world context in which machine learning systems are used. The use of machine learning components in practical applications will be exemplified, and realistic scenarios will be studied in application areas such as e-commerce, business intelligence, natural language processing, image processing, and bioinformatics. The importance of the design and selection of features, and their reliability, will be also discussed.

Recommended tool(s) for this Course include(s) *Python* and *R*.

COSC 936 MOLECULAR IMAGING**3 Credits**

This course will provide an overview of basic concepts of molecular imaging, digital image analysis, processing and visualization techniques that facilitate the understanding of the information contained in images obtained through various imaging modalities that are used for clinical diagnosis, clinical decision making, health science education, and medical teaching systems.

COSC 934 CLINICAL TRIAL DATA MANAGEMENT**3 Credits**

In this course, students will learn the various concepts, issues and techniques employed in the efficient management of clinical trial data. Covering the Drug development process; Clinical trials and case reporting; Managing clinical trial projects; and Best practices for designing, implementing, deploying, and reporting clinical trials.

COSC 935 DRUG DISCOVERY INFORMATICS AND DRUG DESIGN 3 Credits

In this course, representative samples of computational problems in computer assisted drug design are discussed with an emphasis on obtaining the deeper understanding of the computational methods and algorithms used to solve these problems. Students are encouraged to examine the implementation of the algorithms they learn. Didactic materials covered in lectures are expanded upon and reinforced by group discussions and the use of available computational resources, and students are expected to complete a semester project that focuses upon either implementation or development of drug design algorithms available in the literature or the advanced use of the computational resources to the specific problems in drug design.

**COSC 937 TRANSLATIONAL BIOINFORMATICS: BIOMARKER
DISCOVERY AND PERSONALIZED HEALTHCARE 3 Credits**

This course is focused on computational techniques and statistical analysis of genomics, transcriptomics, and proteomics data in application for drug discovery and translational research. The course seeks to provide students with the fundamental knowledge and skills to approach and solve problems in genome, transcriptome and proteome analysis from a computational perspective using available databases and software. Such analysis is the foundation of biomarkers used in personalized medicine and healthcare.

COSC 938 ADVANCED ROBOTICS 3 Credits

The course addresses topics of advanced robotics. Real-time state estimation and mapping. Application of robotics research to drones, augmented and virtual reality. 6D motion estimation and control, focusing on the camera as a core sensor. Problem Formulation. Representations and Sensors. Kinematics and Temporal Models. The Extended Kalman Filter in Practice. Feedback Control. Nonlinear Least Squares. Vision-Based Simultaneous Localisation and Mapping.

COSC 941 KNOWLEDGE REPRESENTATION 3 Credits

Knowledge representation and reasoning are essential components of an intelligent system and are at the core of Artificial Intelligence research. Logic Programming: Definite logic programs; Intro to negation & stratified logic programs. Answer Set Semantics: normal logic programs; stable model & answer set semantics; and integrity constraints & choice. Defeasible reasoning in ASP. Modelling and solving problems in ASP: Hamiltonian circuits; navigating mazes; fault diagnosis using abduction, generating haiku, understanding conversational implicature using abduction. Modelling preferences in ASP. Reasoning about actions and change: causal reasoning; the action language C+; Action description languages and ASP; Plan verification: regression, progression; Planning with incomplete information; Explaining observations through action occurrences; Diagnosis - repairing plans. Nonmonotonic consequence relations; Desirable properties of non-monotonic logics; Different formalisms for non-monotonic reasoning. The satisfaction by ASP, action languages.

COSC 944 COMPUTATIONAL OPTIMIZATION 3 Credits

Numerical methods for the solution of non-linear optimization problems; application of optimization in engineering (e.g., the design of energy efficient chemical processes), machine learning (e.g., learning classifiers from data), and finance (e.g., optimal portfolio allocation); use of analytical techniques and numerical algorithms to solve constrained and unconstrained problems. Course content should address: Introduction to Computational Finance; Mathematical Preliminaries; The Basic Theory of Interest; Fixed-Income Securities; Mean Variance Portfolio Theory; The Capital Asset Pricing Model (CAPM); Pricing and Risk; Asset Price Dynamics and Options Theory.

COSC 945 REINFORCEMENT LEARNING 3 Credits

The course provides both basic and advanced knowledge in reinforcement learning across three core skills: theory, implementation, and evaluation. Introduction to Reinforcement Learning and

its Mathematical Foundations. The Markov Decision Process Framework: Markov Reward Processes; the Policy and Markov Decision Processes. Dynamic Programming. Model-Free Learning and Control: Monte-Carlo Learning and Temporal Difference Learning. Motivation for function approximation: High-dimensional state and action spaces; and Continuous state and action spaces. Deep Q-learning: Q update through back propagation, Experience replay buffer and Target and Q networks. Policy gradients: The REINFORCE algorithm; Policy update through back propagation; and Proximal Policy Optimization. Advanced topics: Soft Actor Critic; Learning from demonstration; and Modelbased reinforcement learning.

SENG 938 SOFTWARE ARCHITECTURE AND COMPONENT-BASED DESIGN 3 Credits

This Course will provide students with a working knowledge of the terms, principles and methods of Software Architecture and Component-Based Design, exposing students to a wide variety of processes and alternatives that can be deployed in creating and/or evaluating software architectures and designs. A number of case studies of working software architectures will be studied and the student will acquire an appreciation of the role that software architecture and design activities play in the acquisition and/or development of complex software-intensive systems.

COSC 920 COMMUNICATION AND NETWORK SECURITY 3 Credits

This course covers the following topics: Principles of network architectures; OSI Model; TCP/IP Model; Transmission media; wireless networks; networking foundations; network protocols and services, Network components; intranets and extranets, MAN, WAN; remote access; network encryption; network attacks.

SENG 941 SOFTWARE RE-ENGINEERING 3 Credits

Evolving a software system, to ensure its continued integration and usefulness, is complex, human-intensive, costly, and an error-prone process. This Course presents the skill-set that is required to get to grips with legacy systems that are difficult to maintain and update. It teaches students how to reverse-engineer and appraise complex, unwieldy systems by implementing source code and execution analysis techniques. It also presents a range of strategies that can be used to adapt and reengineer such systems to improve their quality and viability. The course will also discuss the main drivers that lead to software deterioration, along with a practical understanding of how poor design manifests itself, including "code smells" and "anti-patterns."

SENG 942 MULTI-AGENT SYSTEMS AND SOFTWARE MAINTENANCE 3 Credits

This course will discuss systems with multiple agents or units that mutually depend on each other's behaviours to evaluate own or collective system performance. The course will cover theory for strategic interaction between self-interested agents as well as more altruistic agents working explicitly together in complex distributed environments. The Course will also discuss forms of maintenance, reverse engineering, maintenance models, and maintenance personnel.

COSC 943 ADVANCED WIRELESS COMMUNICATION SYSTEMS 3 Credits

This course covers Cellular mobile radio, personal communication services (PCS), Cellular systems design, Radio propagation, Signal design principles: spectrum-efficient modulation methods (GMSK, QPSK), spread-spectrum modulation techniques (direct-sequencing and frequency-hopping). Radio reception, receiver/transmitter. Adaptive equalization, diversity techniques Bit error rate and outage probability on fading channels. Multiple accesses for wireless systems: frequency, time code and space division multiple access. Satellite Mobile Wireless networking (packet-reservation multiple access, switching, mobility management for PCS), Wireless LAN, Wireless standards: AMPS, IS-54, CDMA, Bluetooth, 2G, GSM, GPRS and the

PCS standards. Future (3G) systems, W-CDMA.

It further covers advanced topics such as fading, diversity techniques (e.g., time, space, and frequency), interference, error control coding and power control, multicarrier modulation, spread spectrum, antenna arrays, smart antenna techniques, and multiple-input / multiple-output communications systems.

COSC 930 SECURITY ASSESSMENT AND TESTING 3 Credits

This course covers Assessment, test and audit strategies in the context of security, auditing technical controls; auditing administrative controls; reporting; management review and approval.

COSC 940 HEALTHCARE OUTCOMES MANAGEMENT AND RESEARCH 3 Credits

This course covers the utilization of data for outcomes-based patient management in order to improve patient and outcomes management, enhance outcomes and reduce costs. Process and techniques of data mining and data warehousing, with a focus on machine learning algorithms and knowledge discovery methods. An overview of public health outcomes measures and research, including epidemiological and quality improvement measurement factors, and statistical methods. Clinical outcomes applications including subjective and objective outcomes assessment tools. Current outcomes initiative and trends. Risk adjustment, severity validity and reliability.

COSC 950 BIOSTATISTICS 3 Credits

This course is designed to cover fundamentals of Analytical Techniques In Medical Diagnosis and Biostatistics. An in-depth and comprehensive view of Analytical Techniques In Medical Diagnosis and Biostatistics will be provided through (1) in-depth examination of mathematical foundations of Biostatistics, (2) practice of real-world exercises, and (3) writing a grant application involving the acquired knowledge. Recommended tool(s) for this Course include(s) the *R Studio* | *R*.

SENG 960 SOFTWARE DEVELOPMENT STUDIO 3 Credits

This course addresses a range of software development skills, cutting edge research topics in software engineering and builds an understanding of technical and software engineering concepts and techniques. Students will work on a variety of industry relevant group projects (one or two) which address a range of topics in software development and computer science. The course will teach teamwork skills, professional practice skills, and communication skills in the context of software development. Topics may include Databases, Networking, Cybersecurity, HCI, Mobile Apps, and web applications, cyber physical systems, etc.

COSC 981 ADVANCED INFORMATION TECHNOLOGY (IT) PROJECT MANAGEMENT 3 Credits

This course covers contemporary issues in project management: HSE (health, safety and environment); globalization and international projects (multi-lateral/national/cultural settings and standards); project work models (functional, matrix, projectized); virtual teams; project classification models; projects, programs vs portfolios; contracts-principles, types, standard forms and clauses, nature of contract, concept of bargain classification, formation of contract: offer, acceptance, consideration, intention to create legal relations, contents of contract: terms, representations, excluding and limiting terms and fundamental breach of terms, capacity, roles/obligations of parties, breaches and remedies; project contract administration/stakeholder management, relevant legislations; contemporary procurement models (outsourcing, partnering, PPPs,) etc.; advanced project planning using software; resource scheduling/smoothing; projects in national development planning, sustainability, capacity building, national peace/security, critical infrastructure, etc.; emergency/disaster management projects; project performance

metrics; seminars/cases (Co-teaching between Law, Built Environment/Public Health and Project Management faculty prescribed)

COSC 970 RESEARCH SEMINAR I (DOCTORAL)

4 Credits

This is an independent investigation of appropriate themes and research issues in any topical current development in any of the following five specializations: Computer Science, Networking and Telecommunications, Cyber Security, Biomedical Informatics, or Software Engineering.

The investigation is to be conducted in the area of research interest related to the student's area of specialization for the development of his/her PhD thesis. A report of investigation is to be produced and a seminar presentation made.

The seminar is required to satisfy the following criteria:

- a) It should be related to the student's PhD Research and should cover the Literature phase of the dissertation which encompasses gap analysis and idea generation.
- b) It must be related to the current issues in the candidate's field of study.
- c) It must include the Integration of Faith and Learning with particular reference to the Bible. That is, the student must be capable of integrating scriptural truths into the topical issue.
- d) The topic and presentations must be publishable in a refereed Journal of international standard.
- e) It must be ORIGINAL in form and presentation.

COSC 980 RESEARCH SEMINAR II (DOCTORAL)

4 Credits

This is an independent investigation of appropriate themes and research issues in any topical current development in any of the following five specializations: Computer Science, Networking and Telecommunications, Cyber Security, Biomedical Informatics, or Software Engineering.

The investigation is to be conducted around the research interest related to the student's area of specialization for the development of the candidate's PhD dissertation. A report of investigation is to be produced and a seminar presentation made. It should be related to the student's PhD research and should cover the Proposal phase of the dissertation which extends the activities of Seminar I but with particular emphasis on integrating methodology and design of the research work.

This seminar may be on the same topic used for Seminar I or can be on a different topic that satisfies the same criteria as in Seminar I. The candidate is expected to make presentations with article publication in mind.

COSC 990 THESIS

16 Credits

An independent investigation of an appropriate computer software or hardware problem carried out under the supervision of a team of three (3) faculty members. Before registering, the student must submit a written proposal to the supervisor for review. The proposal should give a brief outline of the project and computer resources needed. A formal written report in the form of a thesis shall be submitted for oral examination by the Department Panel of Examiners and moderated by University appointed External and Internal Examiners. *The Thesis is to be registered for, over a four semester period.*

SCHOOL OF EDUCATION AND HUMANITIES



DEPARTMENT OF EDUCATION

Programme:

- 1.Guidance and Counseling
 - 2.Educaonal Planning and Administraon
- Degree in View: M.Ed.



M.Ed GUIDANCE AND COUNSELLING

ADMISSION REQUIREMENT

Since Guidance and Counselling Psychology is a multidisciplinary course, candidates seeking entry to the M.Ed. degree in Guidance and Counselling Psychology should hold a Bachelor's Degree (Second Class lower Honours or above) in any course from any accredited university. In addition the candidate must have five credits in 5 SSCE subject including English and any other four subjects or grade II certificate.

AIMS/OBJECTIVES

Having regard to its philosophy of education on balanced and harmonious development of the whole man in his physical, social, and spiritual environment, the specific objectives of the programmes are as follows:

Upon completion of the program, the graduate should be able to:

- Demonstrate broad based knowledge and skills in counselling
- Knowledge that will enable them function as competent Counselling psychologist within and outside the country.
- Apply efficiently the acquired professional skills, techniques, and principles that dominate the act of counseling psychologist.
- Conduct conducive counseling session/ process that will produce positive behavioral change among the clients
- Organize positive result oriented counseling services that will help resolve the challenges of clients.
- Render counseling services in various section of human establishment
- Understand counseling policies and the related laws that guide the teaching and practice of counseling psychology.
- Develop, manage and effectively use counseling strategies, sources and services to serve clients.
- Develop competence in the conduct of research in the profession, and be able to interpret and apply research results in practice.

COURSE CONTENT

M.Ed. GUIDANCE AND COUNSELLING

COURSE CODE	COURSE TITLE	First Semester	Second Semester	Third Semester
	GENERAL REQUIREMENT COURSES			
GEDS 801	Religion Faith and Morality	2		
GEDS 802	Statistics		2	
	CORE COURSES			
EDUC 800	Biblical Principles for Educational Studies		3	
GCPY 803	Advanced Techniques, Organization and Administration of Guidance and Counselling	3		
GCPY 806	Psychology of Learning		3	
GCPY 810	PRACTICUM			3
EDUC 801	Advanced Research Methods in Education	3		
EDUC 803	Test, Measurement and Evaluation	3		
EDUC 870	Seminar in Education		3	
GCPY 8--	Required Specialization Courses	8	8	
EDUC 890	Dissertation			6
	TOTAL = 47 Credits	19	19	9

Counselling Psychology

GCPY 804	Advanced Psychology of Abnormal Behaviour		3
GCPY 807	Developmental Psychology	3	
GCPY 808	Advanced Theories of Counselling and Psychotherapy		3
GCPY 813	Advanced Psychological Testing	3	
GCPY 815	Personality Theories and Adjustments	2	
GCPY 814	Techniques of Behaviour Modification		3
	<i>SUB TOTAL</i>	8	8

Developmental Psychology

GCPY 804	Advanced Psychology of Abnormal Behaviour		3
GCPY 807	Developmental Psychology	3	
GCPY 813	Advanced Psychological Testing	3	
GCPY 815	Personality Theories and Adjustments	2	
GCPY 812	Introduction to Social Psychology		2
GCPY 814	Techniques of Behaviour Modification		3
	<i>SUB TOTAL</i>	8	8

Test and Measurement

GCPY 824	Measurement of Interest		3
GCPY 821	Measurement of Aptitude and Intelligence	3	
GCPY 813	Advanced Psychological Testing	3	
GCPY 826	Achievement Test and Testing		2
GCPY 817	Personality Theories and Assessment	2	
GCPY 814	Techniques of Behaviour Modification		3
	<i>SUB TOTAL</i>	8	8

Educational Psychology

GCPY 844	Advanced Educational Psychology		3
GCPY 807	Developmental Psychology	3	
GCPY 813	Advanced Psychological Testing	3	
GCPY 826	Achievement Test and Testing		2
GCPY 815	Personality Theories and Adjustments	2	
GCPY 814	Techniques of Behaviour Modification		3
	<i>SUB TOTAL</i>	8	8

COURSE DESCRIPTION

See pages 35-36 for the Description of GEDS Courses.

GEDS 801: Religion, Faith and Morality 2 CREDITS

GEDS 802: Statistics 2 CREDITS

EDUC 800 BIBLICAL PRINCIPLES FOR EDUCATION STUDIES 3 CREDITS

This course explores the biblical principles undergirding teaching and learning. Students are taught the principles in the Bible that guide teaching and learning, following Jesus methods of teaching. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

EDUC 803 TEST, MEASUREMENT AND EVALUATION 3 CREDITS

This course is designed to expose students to the theory, concepts and practices of learning measurement and evaluation in instructional settings. Course topics include: test construction, administration analysis and interpreter, test, testing, measurement, assessment and evaluation principles of testing evaluation, measurements context.

GCPY 803 ADVANCED TECHNIQUES, ORGANISATION AND ADMINISTRATION OF GUIDANCE AND COUNSELLING 3 CREDITS

This course deals with the underlying principles for the development of guidance programmes in schools, social welfare centre, industries, prisons etc. It takes a close look at the organization and implementation of such programmes, highlighting associated problems and the evaluation of outcomes of programmes.

GCPY 804 ADVANCED PSYCHOLOGY OF ABNORMAL BEHAVIOUR 3 CREDITS

This course exposes students to the various psychological disorders, as well as theoretical, clinical, and experimental perspectives of the study of psychopathology. Placing emphasis on terminology, classification, etiology, assessment, and treatment of the major disorders as well as distinguishing between normal and abnormal behavior patterns.

GCPY 806 PSYCHOLOGY OF LEARNING 3 CREDITS

Concept and theories of learning (Behaviourists, Gestaltalist and Information processing models); The Processes of extinction, discrimination and generalization; Programmed learning, probability learning, self-instructional learning, concepts; Types and the schedules of reinforcement, escape, avoidance and punishment, modeling and social learning. Encoding and remembering; Short term memory, Long term memory, Sensory memory, Iconic memory, Echoic memory: Organization and Mnemonic techniques to improve memory; Theories of forgetting: decay, interference and retrieval failure: Meta-memory; Amnesia: Anterograde and retrograde.

GCPY 808 ADVANCED THEORIES OF COUNSELLING AND PSYCHOTHERAPY

This course is designed to provide student with knowledge and experiences in counseling theories and psychotherapies. This covers the three basic classifications of counseling theories: psychoanalytic, humanistic and cognitive-behavior theories. It also include Theories of Career Development and Choice, Theories of Content: Trait & Factor Theory (Parson) Vocational Personality (Holland)- Work Adjustment Person-Environment Correspondence Theory (Dawis & Lafquist); Developmental theory (Ginsberg et al), Life Space & Life Span Theory (Super), Adult Development Theory (Nancy Schlossberg's), Circumscription & Compromise (Gottfredson); Social Learning Career Theory (Mitchell & Krumboltz), Social Cognitive Career theory (Lent et al, Albert Bandura). The course will present the various theorists view on human nature, the techniques and implications on human behavior as well as incorporating the Biblical perspective of dealing with human behaviour.

GCPY 810 PRACTICUM 3 CREDITS

An application of principles and techniques of guidance and counseling in a clinical setting. Skill in observation, interviewing and cumulative record-keeping. Visits and interviews with personnel in various counseling setting such as elementary, secondary and tertiary schools, juvenile courts, remand homes, and welfare offices to be carried out.

GCPY 807 DEVELOPMENTAL PSYCHOLOGY 3 CREDITS

This course is designed to help the student gain an understanding of the physical, cognitive, emotional, social and moral development of children and adolescents. Basic theories of child and adolescent development will be studied to assist the student in the practice of understanding humans.

GCPY 812 INTRODUCTION TO SOCIAL PSYCHOLOGY 3 CREDITS

The course will make an in-depth review of the concept of man as a social being,, taking into consideration social formations, social organizations, inter/intra-personal relationship focusing on factors influencing social addiction and concepts.

GCPY 813: ADVANCED PSYCHOLOGICAL TESTING 3 CREDITS

Foundations of psychological testing. Types of tests, administration and, scoring of test. Ethics of test administration and writing test report and counseling. Psychometric properties of tests, norms and interpretation of test scores.

GCPY 814 TECHNIQUES OF BEHAVIOUR MODIFICATION 2 CREDITS

This takes a look at the principles and techniques underlying the process of behavior modification.

GCPY815 PERSONALITY THEORIES AND ADJUSTMENTS 2 CREDITS

This course highlights the various theories of personality and personality development vis-à-vis adjustment and adjustment mechanisms in the changing world.

GCPY817 PERSONALITY THEORIES AND ASSESSMENT 2 CREDITS

A review of some well-known theories of personalities – Freud, Jung, Adler, Allport, Maslow, etc. Also the techniques and instruments available to measure temperament, interests and attitudes are critically reviewed.

GCPY819 PRINCIPLES OF MEASUREMENT AND EVALUATION 2 CREDITS

The course focuses on the psychometric techniques, theory and guidelines required for the construction of test of different types. Constructing non-test instruments of evaluation test validity and reliability.

GCPY821 MEASUREMENT OF APTITUDE AND INTELLIGENCE 2 CREDITS

Aptitudes and intelligence – meaning, concept, types and measurement. Principles of aptitude test construction. Constructing intelligence tests. Aptitude and intelligences – advances in these areas.

GCPY824 MEASUREMENT OF INTEREST 3 CREDITS

Meaning, concepts, dimension and types of interests. Measuring interest and career orientation. Interest inventories advance in interest measurement evaluating outcomes through interests.

GCPY826 ACHIEVEMENT TEST AND TESTING 2 CREDITS

A review of use of appropriate modes and techniques of achievement testings in the school system. Advancement test construction principles. It takes a look at the use of appropriate test and guidelines in the administration of achievement tests

GCPY844 ADVANCED EDUCATIONAL PSYCHOLOGY 3 CREDITS

This course focuses on the principles of psychology covering the social and environmental factors that hinder full development of the child in the classroom and various theories of development that are associated with the field of educational psychology such as Psychoanalytic, cognitive and behavioural theories and how these could be applied in explaining human behavior generally and in particular, human variability and individual differences as observed in the classroom.

EDUC 870 SEMINAR IN EDUCATION 3 CREDITS

This course is designed to teach students how to write articles bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. Presentations and discussions also focus on current economic trends and issues that are relevant to the field of research. Topics to be covered would be varied.

EDUC 890: DISSERTATION 6 CREDITS

The dissertation must deal with a research problem chosen from the Candidate's area of specialization. It must show familiarity with existing Literature and a mastery of research methodology.

COURSE CONTENT OF MPhil GUIDANCE AND COUNSELLING

COURSE CODE	COURSE TITLE	1 st Year		2 ND Year	
		1 ST SEM	2 ND SEM	1 ST SEM	2 ND SEM
	GENERAL COURSES				
GEDS 901	Personal and Family Wholeness	2			
GEDS 902	Advanced Statistics		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
GCPY 912	Advanced Psychology of Learning		2		
EDUC 902	Advanced Research Methodology		3		
GCPY ---	Required Specialization Courses †	6	5		
EDUC 880	MPhil Seminar in Education			3	
EDUC 890	MPhil Dissertation			(8)	8
	TOTAL = 35 Credits	10	14	3	8

† See the list of specialization courses under the PhD Curriculum.

PhD GUIDANCE AND COUNSELLING

Admission Requirements

Candidates seeking admission into the PhD programme in Guidance and Counselling of the Department of Education must satisfy the general requirements stipulated by the School of Postgraduate Studies of Babcock University. Specifically, admission to PhD in Applied Psychology is limited to the holders of the following qualifications:

- (i) WASC O' Level with credit passes in 5 subjects at a sitting or 6 subjects at two sittings which must include **English Language, and any other four related subjects.**
- (ii) A Bachelor of Science Degree in Guidance and Counselling/Counselling Psychology from Babcock University or any other University accredited by the NUC with at least Second Class Upper Division.
- (iii) M.Ed Counselling Psychology/ Guidance and Counselling degree of Babcock University or any other university recognized by National Universities Commission. Candidates must have obtained at least a three and a half (3.5) points grading on a four point (4) Grading scale or 60% Overall Average on a percentage grading scale OR at least a four points(4.0) on a five point(5.0) Grading scale or 60% Overall Average on a percentage grading scale. Except that students who are deficient in some core course from the evaluation of transcripts may be required to take and pass some remedial courses at the Master Level but such will not count as part of the graduation minimum requirement.
- (iv) Master of Philosophy (M.Phil) in Guidance and Counselling or any related course with at least three points (3.0) on a four points (4.0) Grading scale or three and a half(3.5) points on a five point (5.0) Grading scale or 55 - 59% on a percentage grading scale, from Babcock University or any other university recognized by National Universities Commission.
- (v) In addition, applicants may be required to sit for qualifying examinations and/

- attend an oral interview session to determine eligibility.
- (vi) All applicants for the PhD Guidance and Counselling shall be required to submit a Synopsis/Proposal on topical area of interest and shall discuss with the Departmental Board who will determine sufficient background in the area and identify Lecturers relevant to the selected area. Candidate can be required to change if it is discovered that there is no senior academic to handle such.

COURSE CONTENTS: Area of Specialisation

- a. Counselling Psychology
- b. Educational Psychology
- c. Personnel Psychology
- d. Test and Measurement

COURSE CONTENT OF PhD GUIDANCE AND COUNSELLING

COURSE CODE	COURSE TITLE	1 st Year		2 ND Year		3 RD Year	
		1 ST SEM	2 ND SEM	1 ST SEM	2 ND SEM	1 ST SEM	2 ND SEM
	GENERAL COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 902	Advanced Statistics		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
EDUC 900	Biblical Applications to Educational Studies			3			
EDUC 902	Advanced Research Methodology		3				
EDUC 903	Advanced Test, Measurement and Evaluation			3			
GCPY 912	Advanced Psychology of Learning		2				
GCPY 950	Advanced Practicum /Industrial Attachment				3		
EDUC 970	Seminar in Education – I			4			
EDUC 980	Seminar in Education – II				4		
GCPY ---	Required Specialization Courses	6	5				
EDUC 990	Thesis			4	4	4	4
	TOTAL = 57 Credits	10	14	14	11	4	4

REQUIRED SPECIALIZATION COURSES:

COUNSELLING PSYCHOLOGY

GCPY 902	Psychology of Development		3
GCPY 911	Theories of Counseling and Psychotherapy	3	
GCPY 941	Principles of Behaviour Modification	3	
GCPY 952	Careers/vocational Choices and Development		2
	Total = 11	6	5

EDUCATIONAL PSYCHOLOGY

GCPY 902	Psychology of Development		3
GCPY 932	Psychology of Creativity		2
GCPY 961	Psychology of Adolescents	3	
GCPY 969	Techniques of Achievement Analysis	3	
	Total = 11	6	5

PERSONNEL PSYCHOLOGY

GCPY 917	Techniques of Personnel Development, Selection and Classification	3	
GCPY 932	Psychology of Creativity		2
GCPY 971	Social Psychology	3	
GCPY 982	Psychology of Conflict Resolution		3
	Total = 11	6	5

TEST AND MEASUREMENT

GCPY 919	Theory and Practice of Test Construction	3	
GCPY 922	Element of Test Theory		3
GCPY 923	Test and Appraisal Techniques	3	
GCPY 928	Personality Assessment		2
	Total = 11	6	5

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 901: PERSONAL AND FAMILY WHOLENESS 2 Credits

GEDS 902: ADVANCED STATISTICS 2 Credits

GEDS 911: RESEARCH PROPOSAL AND WRITING 2 Credits

GEDS 912: ADVANCED RESEARCH DESIGN 2 Credits

EDUC 880: MPhil SEMINAR IN EDUCATION (3 Credits)

One seminar would be provided to the students at beginning of the research. MPhil Seminar topics are to be selected in consultation with the student's supervisor. The seminar is aimed at exposing students to information gathering and analysis. The seminars would be assessed by all lecturers.

EDUC 890: MPhil DISSERTATION (8 credits)

The MPhil programme culminates in a dissertation, consisting of an original based on the student's interest and supervised by a member of faculty. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies.

EDUC 900 BIBLICAL APPLICATIONS TO EDUCATIONAL STUDIES 3 UNITS

This course exposes the link between biblical principles with teaching and learning. Students are taught the principles in the bible that guide human behavior in the allocation of scarce resources, which have alternative uses. This course exposes students to: the ills of self-allocation of public resources (the Zacchaeus explanation); the “neighbor principle” and welfare improvement; Policy making based on biblical teachings; The role of Jesus' teachings in poverty alleviation; The need for biblical principles in corruption curbing and Achieving efficiency and equity using biblical guides. What the bible says about leadership in the public and private sector. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

GCPY 902 PSYCHOLOGY OF DEVELOPMENT 2 Credits

An in-depth study of human development and growth forms birth through old age. The study will also include the transitional patterns of growth and likely behaviors that may manifest. It also surveys the theoretical approaches to development which include: prenatal, physical, intellectual, emotional and personality development.

EDUC 903 ADVANCED TEST, MEASUREMENT AND EVALUATION 3 Credits

Nature and importance of measurement, techniques and principle of achievement test development and guidelines in the administration of achievement test. Review of various assessment terms such as: testing, evaluation appraisal, aptitude and intelligence tests, achievement and personality tests.

GCPY 911 THEORIES OF COUNSELING AND PSYCHOTHERAPY 3 Credits

This course discusses various theories of counseling and Psychotherapy such as Psychoanalytic, behavioral, and Phenomenological etc.

GCPY 912 ADVANCED PSYCHOLOGY OF LEARNING 2 Credits

Theories and conditions of learning, teaching with emphasis on individual differences; motivation, retention and transfer of learning will be explored.

GCPY 917 TECHNIQUES OF PERSONNEL DEVELOPMENT, SELECTION AND CLASSIFICATION 3 Credits

This is the application of psychological principles and techniques, the appraisal, selection, training and utilization of personnel work in various settings, factors affecting efficiency, motivation and conduct at work. Job analysis, decision models for personnel selection, issues of test fairness, development of test and evaluation for job placement in any organization.

GCPY 919 THEORY AND PRACTICE OF TEST CONSTRUCTION 3 Credits

This course focuses on theory and practice of test construction, which include skills on how to build and evaluate educational tests and how to effectively and appropriately construct and interpret test results. Students will also learn about the advantages and disadvantages of different assessment formats such as selected response items, performance assessments, and computer-based testing.

GCPY 923 TEST AND APPRAISAL TECHNIQUES 3 Credits

This course is designed to provide the students with knowledge and techniques of psychometric concepts (i.e., reliability, validity, norm and criterion referenced evaluation, etc.), the principles of appraisal techniques, instrumentation, implementation and application. It is designed to familiarize students with the general classes of psychological measuring devices and their characteristics.

GCPY928**PERSONALITY ASSESSMENT****2 Credits**

This course introduces students to the construction and evaluation of objective assessment measures of personality and psychopathology. It covers the rationale, administration, scoring, and interpretation of common objective measures of personality. It also includes appropriate application of personality tests and the ethical considerations regarding their use in clinical and non-clinical settings. Psychometric issues such as norms, reliability, and validity, will be reinforced, and confirmatory factor analysis will be introduced to help students evaluate objective tests. Students will critically examine the appropriateness of item selection in terms of language, gender and cultural bias through in-class instruction and practical application.

GCPY922**ELEMENT OF TEST THEORY****3 Credits**

This course focuses the core concepts and techniques of item response theory (IRT) which underlie current test design strategies, psychometric analyses, and evaluation of assessment instruments. The course includes the following topics: Item Characteristic Curves, Item and Test Information, Item fit and Person fit, Item Banking (Scaling and Linking) and Multidimensional IRT.

GCPY941**PRINCIPLES OF BEHAVIOUR MODIFICATION****2 Credits**

The study of psychological techniques of shaping behaviors, applying principles of successive approximation, schedules of reinforcements to desired specific behavioral goals.

GCPY950 ADVANCED PRACTICUM/INDUSTRIAL ATTACHMENT**3 Credits**

The counseling and educational psychology students are to go for 3 months intensive practice in the diagnosis and treatment of vocational, educational and personal psychological problem in any educational/health/or correctional institution while Personnel Psychology students go for 3 months supervised practice in any business or industrial organization.

GCPY952 CAREERS/VOCATIONAL CHOICES AND DEVELOPMENT**2 Credits**

The study is designed to meet the needs of every human being in their various demographical settings. A successful career or vocation choice cannot be overemphasized. A successful person is a happy person, a happy church and society. Theories and models of career decision-making, concept of occupational counseling and objectives of providing occupational information

GCPY961**PSYCHOLOGY OF ADOLESCENTS****2 Credits**

This course covers all aspect of adolescents' physical and mental functions, conduct, personality and social adjustment.

GCPY932**PSYCHOLOGY OF CREATIVITY****2 Credits**

This course is designed to expose students to creative activities including the cognitive (reasoning, judging, problem solving and understanding), motivational, personality, and assessment characteristics and methods of fostering initiative, originality and creativity in children.

GCPY969**TECHNIQUES OF ACHIEVEMENT ANALYSIS****3 Credits**

This course focuses on the analysis of societal, school, family and student factors associated with poor academic performance, and survey of remedial approaches to analyzing achievements.

GCPY971 SOCIAL PSYCHOLOGY**2 Credits**

Students are introduced to theories, method, research findings and application in social psychology.

GCPY982 PSYCHOLOGY OF CONFLICT RESOLUTION**3 Credits**

The study has to do with the dynamics of cooperation and competitions, trust and suspicion, bargaining and negotiation as they relate to the resolution of conflicts in various contexts

EDUC 970 SEMINAR IN EDUCATION - I**4 Credits**

This course is designed to teach students how to write articles bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest.

EDUC 980 SEMINAR IN EDUCATION - II**4 Credits**

This course is designed to teach students how to write internationally acceptable articles on methodology and design. The article will be presented in class for discussion and critiquing.

EDUC 990: THESIS**16 Credits**

An application of the research methods to field experience. Students select suitable topics and collect data to produce board researched reports on the selected topics. *The Thesis is to be registered for, over a four semester period.*

M.Ed EDUCATIONAL ADMINISTRATION AND PLANNING***Admission Requirements***

Candidates seeking admission into the programme must satisfy the general requirements stipulated by the College of Postgraduate Studies of Babcock University. Specifically, admission to M.Ed Educational Planning and Administration is limited to the holders of the following qualifications:

- (vii) WASC O' Level with credit passes in 5 subjects at a maximum of two sittings which must include **English Language and other four subjects**.
- (viii) Any Bachelor Degree in Education/ B.Sc (Ed.) Educational Planning and Administration or related field from Babcock University or any other University accredited with at least Second Class lower Division.

AIMS/OBJECTIVES

Having regard to its philosophy of education on balanced and harmonious development of the whole man in his physical, social, and spiritual environment, the specific objectives of the programmes are as follows:

Upon completion of the program, the graduate should be able to:

- Have a broad-based professional/scholastic education that is relevant and functional, reflecting a Christian orientation.
- Understand the processes associated with the challenges and contemporary issues in education administration.
- Understand the general principles, values and ethical standards underlying the planning and administration of education.
- Be familiar with educational policies and the related laws that guide the planning and administration of education.
- Critically analyze and evaluate professional issues and problems in an appropriate operational or historical context.
- Be able to plan, develop, and manage primary and secondary educational system effectively.
- Understand the role of research in the profession, and be able to interpret and apply research results in practice.
- Be familiar with the functions of management in organizations, and be able to apply management.

COURSE CONTENT

COURSE CODE	COURSE TITLE	1 st Sem	2 nd Sem	3 rd Sem
	GENERAL COURSES			
GEDS 801	Religion Faith and Morality	2		
GEDS 802	Statistics		2	
	CORE COURSES			
EDUC 800	Biblical Principles for Educational Studies		3	
EDUC 803	Test, Measurement and Evaluation	3		
EDUC 801	Advanced Research Methods in Education	3		
EDPA 801	Fundamentals of Educational Administration and Planning	3		
EDPA 860	Practicum in Educational Administration and Planning			3
EDPA 805	Budgeting and Financial Management	3		
EDPA 804	Economics of Education		3	
EDPA 806	Educational Planning Analysis		3	
EDPA 816	School community relation		3	
EDPA 811	Educational Supervision	3		
EDPA 803	Laws and the Administration of Education in Nigeria	3		
EDUC 870	Seminar in Education		3	
EDPA 8--	Electives*	2	2	
EDUC 890	Dissertation			6
	TOTAL = 50 Credits	22	19	9

** Students, guided by the HOD and PG Co-ordinator, are to choose any one of the following elective courses, offered at 2 Credits each in the 1st and 2nd Semester of Year 1.*

ELECTIVE COURSES:

EDPA 807	Governance in Higher Education Institutions	(2)		
EDPA 813	Primary and Secondary School Administration	(2)		
EDPA 814	Educational Administration and organization behavior		(2)	
EDPA 810	Personnel Management in Education		(2)	

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 801: RELIGION, FAITH AND MORALITY 2 CREDITS

GEDS 802: STATISTICS 2 CREDITS

EDUC 800 BIBLICAL PRINCIPLES FOR EDUCATIONAL STUDIES 3 CREDITS

This course explores the biblical principles undergirding teaching and learning. Students are taught the principles in the Bible that guide teaching and learning, following Jesus methods of teaching. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

EDUC 801: ADVANCED RESEARCH METHODS IN EDUCATION 3 CREDITS

The course will deal with the following –Curve Fitting, regression and correlation (methods of fitting regression curve on line, best - eye fit, least square method, multiple regression, linear correlation, interpretation of regression line of curve, sampling theory or regression, sampling theory of correlation); Test of Hypothesis (the null and the alternative hypothesis, Ftest, t-test, X^2 test, analysis of variance –one- factor experiment, two -factor experiment); Random numbers (distribution –probability distribution, binomial distribution, normal distribution, bivariate normal distribution, Beta distribution); Non parametric tests (sign test, Mann-Whitney U test, Kreskas-Wallis H Test, H test corrected for ties); Use of SPSS The course focuses on: 1) definition of a researchable problem; 2) techniques of conducting and writing a literature review, 3) formulating a study design, sampling plan and methods of data collection; 4) understanding measurement concepts, instrument construction and scaling methods. The role of statistics, cautions in using statistics, steps involved in statistical analysis, analyzing the data - descriptive statistics, inferential statistics, testing the hypothesis, Computer-Aided Statistical Analysis. Emphasis is placed on the role of research practice in contributing to the knowledge base in ways that will advance social and economic justice. The importance of ethical issues and cultural sensitivity at each phase of the research endeavor is stressed.

EDPA 801: FUNDAMENTALS OF EDUCATIONAL ADMINISTRATION AND PLANNING 3 CREDITS

Theory and the basis of educational administration; importance and uses of theories in education; A cursory look at the various organizational theories; Elements and characteristics of organizations; concept of organization and administration; School and classroom organization; discipline; Interpersonal relations; school community relations; organizational roles; relationships among formalization and decentralization in Organizations; power conflict, leadership and communication in organizations.

EDPA 803 LAWS AND THE ADMINISTRATION OF EDUCATION IN NIGERIA 3 CREDITS)

The legal basis for education; An analysis of Education laws from colonial times to the present; the constitution and Education; Provisions relating to staff and students in educational setting, Impact of various educational laws on educational development and planning, Development of the Nigerian education system in historical perspectives; the emergence of British colonial education policy and Lugard's contributions, Trends and changes in the' pattern of administering and controlling education at federal and state levels; administration and control of education from the Second Republic. Recent trends in the federal, state and local responsibilities for education.

EDPA 804: ECONOMICS OF EDUCATION (3 CREDITS)

Concept of -Economics of Education, private and social costs of education as investment and

consumption, Cost analysis in education and economic growth Cost-benefit and costeffectiveness analysis; economic returns from educational investment to individual and society; costing educational plans, human resources development.

EDPA 805 BUDGETING AND FINANCIAL MANAGEMENT 3 Credits

This course focused on the national and state budgets in relation to education, government and private financing of primary, secondary, post-secondary, university and non-formal education; principles and practices in school budgeting and salary scheduling; the budget as a tool for School Management and performance in education.

EDPA 806 EDUCATIONAL PLANNING ANALYSIS 3 Credits

The course focuses on the educational planning from an international and comparative perspective. It contains theoretical perspectives as well as examples of what planning means in practice at both national and local levels. The course covers strategic planning, analysis of education systems which includes the analysis of different measures taken, school mapping, questions about leadership and management at school and sub-system levels and the follow up and evaluation of quality-related issues and financing.

EDPA 807: GOVERNANCE OF HIGHER EDUCATION INSTITUTIONS 3 CREDITS)

The roles and functions of 'Vice-Chancellors and Registrars-..Organizational structure of universities and other higher institutions.Functional relationship among credits in higher education institutions.Relationship between the NUC and Governing Councils. Others connected with governance of higher institution e.g. Visitor, Pro-Chancellor.

EDPA 810 PERSONNEL MANAGEMENT IN EDUCATION (2 CREDITS)

The nature and emergence of personnel management; job analysis and design; administration of teaching and non-teaching staff, staff management concepts; staff personnel policies; staff recruitment, selection and conditions. of service; staff development and utilization; staff evaluation and appraisal, Organisation/ union interferences, staff turnover; administration of student personnel services.

EDPA 811 EDUCATIONAL SUPERVISION (3 CREDITS)

A survey of the major phases of elementary and secondary school supervision. Principles and practices in school supervision. Theories as applied to the analysis of the purposes, functions and methods of school supervision, discussion of the current issues in the supervision of schools. Techniques and goals of supervision.

EDAP813: PRIMARY AND SECONDARY SCHOOL ADMINISTRATION (2CREDITS)

Current administrative and organizational structure in the management of Nigerian primary and secondary schools Sports Authority and function of Ministry of Education, Local and State School Boards, Principal and teachers; The influence of PTA's and Board of Governors. Area of school management for potential reform. The instructional programmed, staff recruitment, selection, orientation, assignment, improvement and evaluation of teachers; The school administrator and the students, fiscal resources and decision-making role; decisionmaking competencies of the Principal

EDPA 814: EDUCATIONAL ADMINISTRATION AND ORGANIZATIONAL BEHAVIORS (2CREDITS)

Organizational behavior in schools; The school as a bureaucratic organization. The school as a socio-political system, open system theory, contingency theory and schools.Management information system and the school organizational leadership and the school

administration. Educational change at various levels of education.

EDPA 816: SCHOOL COMMUNITY RELATIONS

(3CREDIT)

The school as a community. The relationship between the school and the immediate community. The role of public relations in effective administration of schools

**EDPA 860 PRACTICUM IN EDUCATIONAL AND
ADMINISTRATION PLANNING**

(3CREDITS)

Attachment to educational organizations (University, Polytechnic, College of Education, Ministry of Education, Secondary School, etc.) for practical training. This course is intended to give students practical training in the art of problem solving in education. Emphasis will be focused on a detailed discussion of various administrative and organisational theories in relation to education in order to give students the theoretical background. Techniques of writing and analyzing cases and the actual practice in cases writing. Students will be expected to present and analyze hypothetical cases used on the various aspects of Educational Planning and Administration. In addition, they will be attached to bodies where they will understudy, collect and analyse actual cases and present reports.

EDUC 890: DISSERTATION

6 CREDITS

The thesis must deal with a research problem chosen from the Candidate's area of specialization. It must show familiarity with existing Literature and a mastery of research methodology.

**COURSE CONTENT FOR MPhil IN EDUCATIONAL
PLANNING AND ADMINISTRATION**

Course Code	Course Title	1 st YEAR		2 nd YEAR	
		1 st Sem	2 nd Sem	1 st Sem	2 nd Sem
	GENERAL COURSES				
GEDS 901	Personal and Family Wholeness	2			
GEDS 902	Advanced Statistics		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
EDUC 902	Advanced Research Methodology		3		
EDPA 921	Conflict and Crisis Management in Education	3			
EDPA 9--	Required Specialization Courses †	6	6		
EDUC 880	MPhil Seminar in Education			3	
EDUC 890	MPhil Dissertation			(8)	8
	TOTAL = 37 Credits	13	13	3	8

† See the list of Specialization Courses under the PhD Curriculum

DOCTOR OF PHILOSOPHY (PhD) IN EDUCATIONAL ADMINISTRATION AND PLANNING

ADMISSION REQUIREMENTS

The Ph.D Educational Administration Programme of Babcock University is open to the following:

- Holders of First Master degree in Education of Babcock University or from any other recognized University with First or Second class Honours.
- Master of Philosophy (M.Phil) in Educational Administration and Planning with at least three points (3.0) on a four points (4.0) Grading scale or three and a half (3.5) points on a five point (5.0) Grading scale or 55 - 59% on a percentage grading scale, from Babcock University or any other university recognized by National Universities Commission.
- ✓ A candidate with a Degree lower than second class Honours may be eligible if:
 - (i) He/she has a good relevant Post-Graduate Diploma in Education.
 - (ii) In addition the candidate must have five credits in 5 SSCE subject including English and any other four subject or grade II certificate.

COURSE CONTENTS: **PhD Educational Planning and Administration**

COURSE CODE	COURSE TITLE	1 st YEAR		2 nd YEAR		3 rd YEAR	
		1 st Sem	2 nd Sem	1 st Sem	2 nd Sem	1 st Sem	2 nd Sem
	GENERAL COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 902	Advanced Statistics		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
EDUC 900	Biblical Applications to Educational Studies			3			
EDUC 902	Advanced Research Methodology		3				
EDUC 903	Advanced Test, Measurement and Evaluation			3			
EDPA 921	Conflict and Crisis Management in Education	3					
EDPA 942	Industrial Attachment				3		
EDUC 970	Seminar in Education – I			4			
EDUC 980	Seminar in Education – II				4		
EDPA 9--	Required Specialization Courses	6	6				
EDUC 990	Thesis			4	4	4	4
	TOTAL = 59 Credits	13	13	14	11	4	4

SPECIALIZATION COURSES

ECONOMICS OF EDUCATION

EDEE 932	Analysis of Cost and Efficiency in Education		3
EDEE 912	Economic Theories and Methods		3
EDEE 901	Educational Cost and Finance	3	
EDEE 911	Economics of Education	3	
	<i>Sub Total = 12</i>	6	6

EDUCATIONAL POLICY AND PLANNING

EDPP 901	Analytic Approach to Educational Planning	3	
EDPP 912	Policy Formulation, Analysis and Implementation		3
EDPP 922	Resources Allocation and Model Building in Educational Planning		3
EDPP 921	Topical Issues in Educational Planning	3	
	Total = 12	6	6

HUMAN RESOURCES MANAGEMENT IN EDUCATION

EDHR 902	Case Studies in Human Resources Management in Education		3
EDHR 921	Management Techniques in Education	3	
EDHR 911	Organizational Theory in Education	3	
EDHR 912	Personnel Administration in Education		3
	Total = 12	6	6

INSTITUTIONAL ADMINISTRATION

EDIA 911	Cost, Financing and Accountability in Education	3	
EDIA 921	School Business Administration	3	
EDIA 912	Organizational Behavior		3
EDIA 922	Topical Issues in Educational Administration		3
	Total = 12	6	6

MANAGEMENT OF HIGHER EDUCATION

EDHE 901	Development of Higher Education in Nigeria	3	
EDHE 912	Financing Higher Education		3
EDHE 911	Policy Formulation and Planning in Higher Education in Nigeria	3	
EDHE 942	The Administration of the Higher Education System		3
	Total = 12	6	6

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 901: PERSONAL AND FAMILY WHOLENESS 2 UNITS

GEDS 902: ADVANCED STATISTICS 2 UNITS

GEDS 911: RESEARCH PROPOSAL AND WRITING 2 UNITS

GEDS 912: ADVANCED RESEARCH DESIGN 2 UNITS

EDUC 880: MPhil SEMINAR IN EDUCATION (3 Credits)

One seminar would be provided to the students at beginning of the research. MPhil Seminar topics are to be selected in consultation with the student's supervisor. The seminar is aimed at exposing students to information gathering and analysis. The seminars would be assessed by all lecturers.

EDUC 890: MPhil DISSERTATION (8 credits)

The MPhil programme culminates in a dissertation, consisting of an original based on the student's interest and supervised by a member of faculty. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies.

EDUC 900 BIBLICAL APPLICATIONS TO EDUCATIONAL STUDIES 3 UNITS

This course exposes the link between biblical principles with teaching and learning. Students are taught the principles in the bible that guide human behavior in the allocation of scarce resources, which have alternative uses. This course exposes students to: the ills of self-allocation of public resources (the Zacchaeus explanation); the "neighbor principle" and welfare improvement; Policy making based on biblical teachings; The role of Jesus' teachings in poverty alleviation; The need for biblical principles in corruption curbing and Achieving efficiency and equity using biblical guides. What the bible says about leadership in the public and private sector. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

EDUC 901: ADVANCED STATISTICS IN EDUCATION 3 UNITS

The course will deal with the following –Curve Fitting, regression and correlation (methods of fitting regression curve on line, best - eye fit, least square method, multiple regression, linear correlation, interpretation of regression line of curve, sampling theory or regression, sampling theory of correlation); Test of Hypothesis (the null and the alternative hypothesis, Ftest, t-test, X^2 test, analysis of variance –one- factor experiment, two -factor experiment); Random numbers (distribution –probability distribution, binomial distribution, normal distribution, bivariate normal distribution, Beta distribution); Non parametric tests (sign test, Mann-Whitney U test, Kreskas-Wallis H Test, H test corrected for ties); Use of SPSS

EDUC 902: ADVANCED RESEARCH METHODS IN EDUCATION 3 UNITS

The course focuses on: 1) definition of a researchable problem; 2) techniques of conducting and writing a literature review, 3) formulating a study design, sampling plan and methods of data collection; 4) understanding measurement concepts, instrument construction and scaling methods. The role of statistics, cautions in using statistics, steps involved in statistical analysis, analyzing the data - descriptive statistics, inferential statistics, testing the hypothesis, Computer-Aided Statistical Analysis. Emphasis is placed on the role of research practice in contributing to

the knowledge base in ways that will advance social and economic justice. The importance of ethical issues and cultural sensitivity at each phase of the research endeavor is stressed.

EDUC 904 COMPUTER APPLICATION IN EDUCATION 3 UNITS

The nature and use of generic software (word processor, databases, spreadsheets) in educational management, integrated systems, record systems, time-tabling and scheduling, accounting and resources management using computerized methods.

EDPA 921 CONFLICT AND CRISIS MANAGEMENT IN EDUCATION 3 UNITS

Sources, causes and nature of conflicts in organization, conflict management, methods of handling conflicts in organizations.

EDPA 922 HUMAN RESOURCES MANAGEMENT 3 UNITS

Approaches to personnel management, personnel policies, management techniques, line and staff organizational structure. Planning and forecasting manpower, job analysis, job description, and specifications, job enlargement and enrichment, motivation, compensation, job evaluation, recruitment, training development, industrial relations, and record management.

EDPA 942 INDUSTRIAL ATTACHMENT 3 UNITS

Attachment to educational organizations (University, Polytechnic, College of Education, Ministry of Education, Secondary School, etc.) for practical training. This course is intended to give students practical training in the art of problem solving in education. Emphasis will be focused on a detailed discussion of various administrative and organisational theories in relation to education in order to give students the theoretical background. Techniques of writing and analyzing cases and the actual practice in cases writing. Students will be expected to present and analyze hypothetical cases used on the various aspects of Educational Planning and Administration. In addition, they will be attached to bodies where they will understudy, collect and analyse actual cases and present reports.

EDEE 932 ANALYSIS OF COST AND EFFICIENCY IN EDUCATION 3 UNITS

The study of cost-quality relationship, the costing of education. Measurements of efficiency of education, productivity in education.

EDPP 901 ANALYTIC APPROACH TO EDUCATIONAL PLANNING 3 UNITS

Distinction between structuralist and behaviouralist approaches in model building, the role of models in educational planning process, principles for the design and use of models, educational preliminaries, linear models, the lowry model, models for forecasting flows, optimization models, decision theory models etc.

**EDHR 902 CASE STUDIES IN HUMAN RESOURCES
MANAGEMENT IN EDUCATION 3 UNITS**

Practical training in the art of problem-solving as related to human resources management in education.

EDHR 921 MANAGEMENT TECHNIQUES IN EDUCATION 3 UNITS

This course deals with the application of management techniques in education. Problems of allocation in the whole system. Effective decision and control in respect of programmes and project such as model building, PPBS, PERT, etc.

EDHE 901 DEVELOPMENT OF HIGHER EDUCATION IN NIGERIA 3 UNITS

The genesis of the Nigerian higher education system, the contribution of certain commissions, the commission on higher education in West Africa, the commission on higher education in the colonies, the commission on post –school certificate and higher education in Nigeria and the commission on the review of higher education in Nigeria. The growth of institutions of higher

learning: colleges of education, polytechnics, and universities since to date.

EDEE 912 ECONOMIC THEORIES AND METHODS 3 UNITS

Analysis of time series, problems of identification, aggregation, multicollinearity, simultaneous relationships, the two various distributed lags and dynamic models.

EDEE 901 EDUCATIONAL COST AND FINANCE 3 UNITS

Financial analysis of the educational system, unit cost concepts, the use of educational cost models in planning. Financial implications of educational policies, educational cost evaluation, international aid to education, sources of educational financing in Nigeria.

EDHE 912 FINANCING HIGHER EDUCATION 3 UNITS

Educational funding in Nigeria, sources of financing, the role of government and other agencies, finance theories, nature and importance of budgeting and principle and practices of budgeting in financing educational institution, financial accounting and administration safeguarding institutional fund, problems and issues in financing higher education.

EDIA 911 Cost, Financing and Accountability in Education 3 UNITS

The purpose of instruction, evaluation, and accountability in education. The basic principles and techniques involved. The constraints militating against effective instruction, evaluation and accountability.

EDIA 912 Organizational Behavior 3 UNITS

Individual behaviour and differences. Motivation, content theories and application, evaluating, rewarding and punishing; stress and individual group behaviour. Power and politics, leadership theories, models and concepts.

EDEE 911 Economics of Education 3 UNITS

Application of economics tools of analysis, cost-benefit, productivity trends and programme budgeting analysis to the educational industry with special reference to the Nigerian educational system.

EDPP 912 Policy Formulation, Analysis and Implementation 3 UNITS

This course focuses on the role of education in national development, evolution of education in Nigeria, Policy formulation in education, policy analysis, policy implementation and evaluation, policy appraisals and feedback.

EDPP 921 TOPICAL ISSUES IN EDUCATIONAL PLANNING 3 UNITS

This course examines some current issues in educational planning at federal, state and local government and private institutions in Nigeria. A critical appraisal of target setting, plan preparation, implementation, achievement and evaluation.

EDHR 911 Organizational Theory in Education 3 UNITS

The study of human behaviour within the context of complex organizations. Application of concepts from organizational theory and research to the diagnosis of administrative problems in educational organizations.

EDHR 912 PERSONNEL ADMINISTRATION IN EDUCATION 3 UNITS

The basic principles, policies and practices in personnel administration. Their application into and implications for the educational industry.

EDHE 911 Policy Formulation and Planning in Higher Education in Nigeria 3 UNITS

The roles of statutory boards, National Universities Commission, National Boards for Technical

Education and National Commission for Colleges of Education. The role of the different organs at the institutional level.

**EDPP922 RESOURCES ALLOCATION AND MODEL BUILDING IN
EDUCATIONAL PLANNING 3 UNITS**

A review of resources and budgets in education at all level, educational data systems, contemporary resource allocation models in education, cost analysis and the operation and planning of education at all levels.

EDIA921 SCHOOL BUSINESS ADMINISTRATION 3 UNITS

A critical look at the organization and administration of institutions of learning. Modern practices and likely future trends.

EDHE 942 ADMINISTRATION OF THE HIGHER EDUCATION SYSTEM 3 UNITS

General administration: the statutory bodies responsible for the administration of higher education systems, the Federal Ministry of Education and Youth Development, the National Universities Commission, the National Board for Technical Education, the National Commission for Colleges of Education, Joint Admission Matriculation Board, National Youth Service Corp Directorate. Other bodies that are non-statutory are Committee of Vice Chancellors of Nigerian Universities, Committee of Registrars of Nigerian Universities, Committee of Heads of Technical Institutions, Committee of Provosts of Higher Colleges of Education, Committee of University Librarians of Nigerian Universities. Internal Administration: the University System, the Principal Officers, the Council, the Senate, the Congregation, the Convocation. The Polytechnic System, the Council and the Academic Board. The College of Education System, the Council and the Academic Board.

EDIA922 TOPICAL ISSUES IN EDUCATIONAL PLANNING 3 UNITS

This is geared towards exposing students to burning issues of educational organizations, problem areas in various parts of the country, the role of scholars of educational management in finding solutions through research. Momentous and landmark decisions in Nigerian education and their consequences in the future, the relevance of developmentalism in Nigerian education.

EDUC 970 SEMINAR IN EDUCATION – I 4 UNITS

This course is designed to teach students how to write as well as review articles with special emphasis on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest.

EDUC 980 SEMINAR IN EDUCATION - II 4 Credits

This course is designed to teach students how to write as well as review internationally acceptable articles with special emphasis on methodology and design. The article will be presented in class for discussion and critiquing.

EDUC 990: THESIS 16 UNITS

The thesis must deal with a research problem chosen from the Candidate's area of specialization. It must show familiarity with existing Literature and a mastery of research methodology. *The Thesis is to be registered for, over a four semester period.*

DEPARTMENT OF HISTORY AND INTERNATIONAL STUDIES

Programme: Diplomatic Studies

Degree in View: MDS Areas of Specialization:

1. International Organizations
2. Peace, Conflict and Strategic Studies

Programme: History

Degree in View: M.A., PhD Areas of Specialization:

1. Economic History
2. Diplomatic History
3. African History
4. African Diaspora History
5. Strategic Studies



MASTER OF DIPLOMATIC STUDIES (MDS)

The Course, Master of Diplomatic Studies is designed to train and produce men and women well versed in the intricacies of International Relations and especially in the ethics and norms of Diplomatic practices. Therefore the course is targeted at those engaged in foreign and security services of their countries or those that have these careers in view and those who want to take an academic career in the discipline of International Relations.

a) Admission Requirements

Candidates must be graduates in History and International Studies of Babcock University or any other recognized institution by the University Senate, with at least a second class (lower division) degree. Candidates who are graduates in related discipline could also be considered for admission.

Candidates seeking admission into this programme may be required to pass a qualifying examination which will be a written test conducted by the department/faculty.

Prerequisite Course

Candidates for this programme must have taken a course in Theories and Practice of Diplomacy at the undergraduate level.

b) Graduating Requirement

To obtain a Master degree in Diplomatic Studies, a candidate must take and pass a minimum of 40 units of course made up as follows:

- (i) 4 units of General Education requirements
- (ii) 24 units of compulsory courses from the 800 level courses available in the department
- (iii) 6 additional units from the optional courses or the inter-departmental courses available.
- (iv) Candidates must also successfully complete and defend a dissertation of 6 credit units.
- (v) Candidates must have spent a minimum of three (3) regular semesters and earn a minimum of 3.00 CGPA

COURSE CONTENT FOR MDS

COURSE CODE	COURSE TITLE	1ST SEM	2ND SEM	3RD SEM
	GENERAL COURSES			
GEDS 801	Religion Faith and Morality	2		
GEDS 822	Intermediate Statistics for Humanities		2	
	CORE COURSES			
MDST 800	Biblical Principles in Diplomatic Practices		3	
MDST 801	Theories and concepts of International Relations	3		
MDST 802	Trends in World Diplomacy		3	
MDST 811	Nigeria and the External World	3		
MDST 821	International Economic Relations	3		
MDST 822	Arms control and Disarmament		3	
MDST 835	Advanced Theories and Practice of Diplomacy	3		
MDST 870	Seminar		3	
MDST 8--	Electives*	3	3	
MDST 890	Dissertation			6
	TOTAL = 40	17	17	6

** Each student is expected to offer one elective course each during the first and second semester, guided by the HOD and PG Coordinator.*

ELECTIVES

MDST 843	Advanced Studies in Foreign Policies of the World Powers	3		
MDST 848	Introduction to Strategic Thought		3	
MDST 852	Congress and Summits in the Contemporary International Relations		3	
MDST 856	Contemporary History of the Middle East		3	
MDST 863	Law of Armed Conflicts	3		
MDST 865	International Organisations and World Peace	3		
MDST 871	The Third World: Problems of Development	3		
MDST 874	The Emergence of China as a World Power		3	
MDST 875	International Peace Keeping	3		

COURSE DESCRIPTION

See pages 35-36 for the description of GEDS courses.

GEDS 801: Religion Faith and Morality

2 Credits

GEDS 822: Intermediate Statistics for Humanities

2 Credits

MDST 800: BIBLICAL PRINCIPLES IN DIPLOMATIC PRACTICES 3 Credits

The course examines the Biblical foundations of God's intervention in human relations. This course is designed to bring coherence to the students' previous study of Diplomacy by requiring them to reflect on the fundamental principles of the discipline and ethical responsibility in Diplomatic practices. A biblical worldview becomes an interpretive tool in understanding the discipline. Readings and discussion are focused on using Biblical world view in the interpretation and understanding of state diplomatic interactions in our contemporary world. The belief that God is the source of all inter-state relations and that he plays an active role in human affairs will be examined. The course also encourages students to apply Christian principles in their day-to-day living. *This Capstone Course MUST be cotaught by a host teacher and a teacher from the Department of Religious Studies.*

MDST 801: THEORIES AND CONCEPTS OF INTERNATIONAL RELATIONS

3 Credits

The course examines the emergence and organization of the development of the modern state system, variants of nationalism, the development of modern interstate relations and the characteristics of the international community. It also discusses the interactions in the international community such as functional collaboration, alliances, the principles of sovereignty in inter-state relations and current trends. The external needs of states and goals of state activities, political realism, and systematic theory of international relations will also be discussed

MDST 802: TRENDS IN WORLD DIPLOMACY

3 Credits

The course traces the evolution of contemporary world Diplomacy from the Congress of Vienna to the present. Principles and issues like Balance of Power, Continentalism, European Imperialism and Colonization are discussed. It also looks at American policy of isolationism and non-interference by external powers in America's continental affairs. The failure of the League of Nations and collective security, the Second World War and America's involvement in the war; the principles of self-determination and the Atlantic Charter, the Cold War/East West relations, the collapse of the Soviet Union, the New World Order and Globalisation are other issues that come

under focus.

MDST 811: NIGERIA AND THE EXTERNAL WORLD

3 Credits

The course deals with the function of foreign policy; Nigeria's relations with her neighbours from 1960 to date, Nigerian roles in the O.A.U and A.U. Nigeria's relations with western Europe, Eastern Block and Asian countries, Nigeria in international organizations, the U.N., Commonwealth and the Non-Aligned movement.

MDST 821: INTERNATIONAL ECONOMIC RELATIONS

3 Credits

The course examines issues like; the world economy since the establishment of the Bretonwoods institutions; theoretical background of some current international economic problems; international trade and development; theory and practice of international trade GATT, W.T.O and UNCTAD. It also deals with other issues such as the efforts of the various regions of the world toward achieving economic integration, the new international economic order, northsouth dialogue; activities of transnational corporation; FDI, external debts and capital flight.

MDST 822: ARMS CONTROL AND DISARMAMENT

3 Credits

The course looks at the theoretical basis of arms control and disarmament as a means of ensuring stability and limiting hostility in the global arena. It examines factors which led to arms control and disarmament efforts, nuclear deterrence, Limited Test Ban Treaty (LTBT), SALT I & II and arms control in post-Cold War era.

MDST 835: ADVANCED THEORIES AND PRACTICE OF DIPLOMACY

3 Credits

The course looks at the function of diplomacy, origins of diplomacy; the machinery of diplomacy, functions of diplomatic missions, classification of diplomatic agents, accreditation of ambassadors, diplomatic corps; diplomatic immunities and privileges, personal non-grata; breach of diplomatic relations, consular relations, multilateral diplomacy.

**MDST 843: ADVANCED STUDIES IN FOREIGN POLICIES
OF MAJOR WORLD POWERS**

3 Credits

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

MDST 848: INTRODUCTION TO STRATEGIC THOUGHT

3 Credits

This course looks at the origins and nature of modern warfare from the renaissance to the first world war, the impart of science, transition from dynastic to national wars, Napoleonic campaigns and strategies, the economic foundations of military power, colonial warfare, strategy in the age of nationalism and industrialization. The various concepts of war; nuclear warfare, block and alliance systems, guerilla warfare from Mao to Guevara revolutionary movements, national liberation movements.

**MDST 852: CONGRESS AND SUMMITS IN MODERN
INTERNATIONAL RELATIONS**

3 Credits

This is a study of selected Congresses and/or Summits in the 19th century and their impact on international relations. It will consider what is just and equitable through the biblical worldview.

MDST 856: CONTEMPORARY HISTORY OF THE MIDDLE EAST

3 Credits

The course discusses the major issues and crisis in the Middle East since the European colonization of the area; the Arab-Israel conflict; Relations among the Arab nations; the politics of oil; the Palestinian questions; the Gulf crisis and the contemporary American invasion of Iraq and Iraqi war.

MDST 863: LAW OF ARMED CONFLICT**3 Credits**

The course deals with the concept and forms of armed conflict, types of war, the evolution of the law of armed conflict, the principles of the law, when the law applies, types of weapons prohibited in arms conflict, the relationship between the law and human rights.

**MDST 865: INTERNATIONAL ORGANISATIONS AND
WORLD PEACE****3 Credits**

The course deals with the nature and functioning of international organization; theory of collective security; origins of the league of nations, collective security under the league of nations and united nations, structure, purposes and principles of United Nations, various approaches to world peace and security under the UN collective security disarmament, functional cooperation and pacific settlement of disputes.

**MDST 871: THE THIRD WORLD: PROBLEMS
OF DEVELOPMENTS****3 Credits**

The course exposes the student to the problems of development on a global scale with illustrations from Africa, Asia and Latin America. It examines the internal causes of underdevelopment, and the structure and modes of operation of number of internal organizations reinforcing underdevelopment. The remedies being adopted for overcoming poverty, particularly in the light of the phenomenon of globalization will be examined as well.

**MDST 874: THE EMERGENCE OF CHINA
AS A WORLD POWER****3Credits**

This is a study in the transformation of china from the centrally controlled and isolated economy to an economy that is opened to foreign trade and investment. It discusses how this free market reform has resulted in a phenomenal economic growth which is about the world's highest in recent times.

MDST 875: INTERNATIONAL PEACE-KEEPING**3 Credits**

This course looks at the theory and practice of international peacekeeping. It examines issues such as the legal basis and control over peace-keeping operations and the studies of peacekeeping efforts under the aegis of the U.N. and A.U. Case studies will include peace keeping efforts in the Middle East, Africa, Asia and the Caribbean.

MDST 870: SEMINAR

The Seminar paper is a work of original research that helps the students to further develop research, analytical and communication skills. This will be done primarily through the presentation of a major research paper on any of the courses taught in the semester.

MDST 890: DISSERTATION**6 Credits**

The Master in Diplomatic Studies culminates in a Dissertation based on an original research topic chosen from any aspect of diplomatic relations and approved by the Departmental Postgraduate Board. The Dissertation, which must be written in accordance with the standard prescribed by the College of Postgraduate Studies would be subjected to oral defense by the students.

MASTER OF ARTS IN HISTORY (M.A. HISTORY)

The course, Master of Arts in History is an academic degree designed to train and produce scholars in the field of History. The program is needed by young Nigerians who would like to have further training in the discipline. The program inculcates values such as faith in God and His intervention or role in history as part of the interpretive skills in understanding the discipline. Special attention is given to the philosophy of history, historical research methodology and historical movements and forces with a view to produce men and women who will have the option of proceeding to a doctoral program.

a) **ADMISSION REQUIREMENTS**

Candidates must be graduates in History and International Studies of Babcock University or any other recognized institution by the University Senate, with at least a Second Class Lower degree. Candidates who are graduates in a related discipline could also be considered for admission provided they commit to and take remedial work in the History undergraduate program.

b) **GRADUATION REQUIREMENTS**

- i. Number of credit hours to be earned for graduation: 40 Credit Hour
- ii. Minimum number of years for graduation: Three (3) regular semesters
- iii. Minimum CGPA for graduation: 3.00

COURSE CONTENT FOR M.A. HISTORY

COURSE CODE	COURSE TITLE	1 ST SEM	2 ND SEM	3 RD SEM
		Unit	Unit	Unit
	GENERAL COURSES			
GEDS 801	Religion Faith and Morality	2		
GEDS 822	Intermediate Statistics for Humanities		2	
	CORE COURSES			
HIST 800	Biblical Principles in Historical Methodology		3	
HIST 801	Theories and Concepts of History	3		
HIST 803	Historical Research Methodology	3		
HIST 804	Nigeria-Problems of Nation Building		3	
HIST 810	Regional Approach to Development		3	
HIST 815	African Traditional Government	3		
HIST 823	The Far East in the World Political History	3		
HIST 870	Seminar		3	
HIST 8--	Electives*	3	3	
HIST 890	Dissertation			6
	TOTAL = 40	17	17	6

** Every student is expected to offer one elective course each in the first semester and second semesters, guided by the HOD and PG Coordinator.*

ELECTIVE COURSES

HIST 831	Economic Development in Pre-Colonial Nigeria	3	
HIST 832	Pre-Colonial Nigeria Political Institutions and Government		3
HIST 841	Inter African Diplomacy	3	
HIST 842	Economic History of West Africa 1750-1960		3
HIST 857	The Evolution of Nigerian Foreign Policy	3	
HIST 853	Colonialism, Nationalism and Independence in Africa	3	
HIST 872	International Economic Relations		3
HIST 873	Comparative History of the Asian Tigers	3	
HIST 874	Comparative Industrial Growth		3
MDST 852	Congress and Summit in Modern International Relations		3

COURSE DESCRIPTION

See pages 35-36 for the description of GEDS courses

GEDS 801: RELIGION, FAITH AND MORALITY **2 Credits**

GEDS 822: INTERMEDIATE STATISTICS FOR HUMANITIES **2Credits**

HIST 800: BIBLICAL PRINCIPLES IN HISTORICAL METHODOLOGY **3 Credits**

The course examines the biblical foundations of God's intervention in History. This course is designed to bring coherence to the students' previous study of History by requiring them to reflect on the fundamental principles of the discipline and ethical responsibility in the practice of History. A biblical worldview becomes an interpretive tool in understanding the discipline. Readings and discussion are focused on developing an appreciation of the importance of historical knowledge for understanding our contemporary world. The belief that God is the Source of all History and that he plays an active role in human affairs will be examined. Students will be encouraged to apply Christian principles in their day-to-day living. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

HIST 801 THEORIES AND CONCEPTS OF HISTORY **3 Credits**

This is a study of Historiography of Africa and sources of African history with special emphasis on non-written sources. Oral traditions will be examined within the context of African beliefs in God and the biblical worldview of God as the source of all history

HIST 802 NIGERIA-PROBLEMS OF NATION BUILDING **3 Credits**

This course is designed to examine the problems of nation building in Nigeria since 1914. These problems which include multi-nationalities, differing language and culture, unequal economic, socio and educational developments, the nature and organization of party politics and so on, are to be studied with their historical context, such that while focusing on the problem, students will also deepen their general knowledge of this period of Nigerian history and attempt an integration of faith and morality in learning in order to impact the society positively.

HIST 803 HISTORICAL RESEARCH METHODOLOGY **3 Credits**

This is a detailed discussion of available sources of information, the method of collecting,

analyzing and evaluating historical data. Issues to be examined in the course also include a critical analysis of historical source materials and various methods and approaches of exposition. Hence, the course includes a practical exposure of the students to the library, the archives and field work for the collection of oral tradition. Biblical historiography will also be included to give a more robust exposure to the student.

HIST 804 NIGERIA-PROBLEMS OF NATION BUILDING 3 Credits

This course is designed to examine the problems of nation building in Nigeria since 1914. These problems which include multi-nationalities, differing language and culture, unequal economic, socio and educational developments, the nature and organization of party politics and so on, are to be studied with their historical context, such that while focusing on the problem, students will also deepen their general knowledge of this period of Nigerian history and attempt an integration of faith and morality in learning in order to impact the society positively.

HIST 810 REGIONAL APPROACH TO DEVELOPMENT 3 Credits

This is to examine four (4) regional organizations: ECOWAS, SARDIS, WAFIA, ASEAN and to determine their effectiveness as organs of cooperative development in the light instruments establishing them as well as investigating the ethics underpinning their association.

HIST 815 AFRICAN TRADITIONAL GOVERNMENT 3 Credits

The course examines various aspects of the structures of African traditional government with specific historical illustrations from west, central and southern Africa: the exercise of authority, check and balances, legislative procedure, constitutionalism and elements of traditional jurisprudence. The course will also examine factors that have influenced changes in structures of government over time, particularly in the 19th and 20th centuries, and the impact of such factors on African states. Such approach will be weighed with similar structures in the Bible.

HIST 823 THE FAR EAST IN WORLD POLITICAL HISTORY 3 Credits

The course examines the History of the Far East after encounters with the western powers; Britain, Russian, France and United States in Hawaii after the end of the First World War in 1918. It further traces the root and rise of the Japanese Economic power and domination in the region leading to the Manchurian crisis of 1931-1933 and how this affected other Far Eastern countries like China, Hong Kong, North and South Korea and others. The League of Nations intervention in the crisis and its failure to checkmate Japan's assault on will also be examined in the course. Moreover, the course dovetails into the Second World War, the Allies and Axis powers in contention, and the destruction of Hiroshima and Nagasaki in August 1945 with the Atomic bomb.

**HIST 831 ECONOMIC DEVELOPMENT IN
PRE-COLONIAL NIGERIA 3 Credits**

The course deals with the economic development of pre-colonial Nigeria, tracing among others, the issues involved in the infamous slave trade. It also highlights the economic activities of the various ethnic groups that make up the Nigerian area. The colonial economy with emphasis on the development of the metropole through exportation of cash crops is also examined as this culminated in a dependent economy at the independence of Nigeria.

**HIST 832 PRE-COLONIAL NIGERIA: POLITICAL
INSTITUTION AND GOVERNMENT 3 Credits**

This course examines in details the types of political institutions which emerged in selected Nigerian societies how they were used for the purposes of government. It is also concerned with a thorough investigation of how the aims and purposes of government were achieved and the relations between government functionaries and the wider society. Ethics and morality of such relations are examined.

HIST 841 INTER AFRICAN DIPLOMACY**3****Credits**

A study in inter-African Relations since 1960: the role of ideologies, the pull of the external factors, the birth of the Organization of African Unity and its transformation to the African Union. It will also examine the African Union and its mediatory role in conflict resolution in Africa as well as its coordinating efforts towards the achievement of cooperative economic development in Africa. Conflicts are examined in light of biblical eschatological prophecies.

HIST 842 ECONOMIC HISTORY OF WEST AFRICA 1750-1960**3****Credits**

This is a study in the structure and characteristics of West African pre-colonial economies. It will cover the following themes: rise of the exchange market, local, regional, inter-regional and external trade in all commodities including slaves, the introduction of Christianity and its impact on legitimate trade, the rise of the West African merchant class, its nature and characteristics, the impact of world trade on West African domestic economy during the 19th century, economic causes of the colonial partition, the colonial economy and its effects on agriculture, export trade, banking and finance, and mining and industries as well as the introduction of wage labor.

HIST 853 COLONIALISM, NATIONALISM AND INDEPENDENCE IN AFRICA**3 Credits**

This course covers: the advent of colonialism and its impact in Africa; colonial administration, the different approaches to colonial administration particularly, by Britain and France, African nationalism; the philosophy of African nationalist leaders like Kwame Nkrumah, Herbert Macaulay, Ahmed Ben Bella, Gamal Abdel Nasser; Houphouet-Boigny; nationalism in settler and non-settler colonies and the attainment of independence by African countries.

HIST 857 THE EVOLUTION OF NIGERIAN FOREIGN POLICY 3 Credits

The course exposes students to the thrust and dynamics of Nigerian foreign policy since 1960. It also addresses major issues that determine the basis of Nigeria's foreign policy and how these have affected the development of Nigeria as a nation over the years.

HIST 870 SEMINAR**3 Credits**

The Seminar paper is a work of original research that helps the students to further develop research, analytical and communication skills. This will be done primarily through the presentation of a major research paper on any of the courses taught in the semester.

HIST 872 INTERNATIONAL ECONOMIC RELATIONS 3 Credits

This course examines the growing importance of international cooperative economic relations in today's world with the evolution of the European Union as a case study. Instances of the same phenomenon in other parts of the world would be discussed, as well as the role of some agencies of the United Nations in promoting it. The biblical worldview as it relates to relations among nations will also be considered.

HIST 873: COMPARATIVE HISTORY OF THE ASIAN TIGERS 3 Credits

The course compares the different experiences of the countries known as Asian Tigers which include: South Korea, Singapore, Hong Kong and Taiwan since World War II. It highlights the process of institutional reforms and economic development which transformed the four countries from nations formerly noted for poverty and low GDP into globally recognized financial centers and manufacturers of auto-mobile and electronics components. The course also deals with the lessons which the developing countries, particularly in Africa, can learn from the experiences of the Asian Tigers.

HIST 874: COMPARATIVE INDUSTRIAL GROWTH**3Credits**

The course examines the different backgrounds and settings which motivated the major industrial powers to attain their current status /levels of developments. The transformation of certain structures towards improvements in social and economic conditions of such countries is given a thorough attention to determine patterns that could overtime be emulated by other developing economies to attain industrialization. Since such patterns are not exactly the same in these industrialized countries, given that their economic resources and technological advancement differ, it is expected that a comparative analysis of these circumstances and the nature of growth in each peculiarity will enable the students to attain knowledgeable paradigms and frameworks that would enable them to apply the knowledge gained to the various industrial sectors in their nations for the purpose of industrial growth in their countries as a whole. The selected countries for the multi-dimensional comparative study approach include Great Britain, United States of America (USA), Russia, Japan, China and France.

HIST 890 DISSERTATION**6 Credits**

The Master of Arts in History programme culminates in a Dissertation based on an original research topic chosen from any aspect of historical studies and approved by the Departmental Postgraduate Board. Preferably, the dissertation topic should be on an issue of contemporary relevance such that can make a significant contribution to the existing body of knowledge. The Dissertation, which must be written in accordance with the standard prescribed by the College of Postgraduate Studies would be subjected to oral defense by the students.

MASTER OF PHILOSOPHY (M.PHIL) IN HISTORY

COURSE CODE	COURSE TITLE	Year 1		Year 2	
		1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES				
GEDS 901	Personal and Family Wholeness	2			
GEDS 932	Advanced Statistics for Humanities		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
HIST 911	Advanced Historiography	3			
HIST 922	Africa and the World Economic Order		3		
HIST 923	History of the Seventh-day Adventist Church in Africa	3			
HIST 926	Neo-Colonialism in Africa		3		
HIST 942	Research Methods and Techniques		3		
HIST 9--	Specialization Courses*	3	3		
HIST 880	MPhil Seminar			3	
HIST 890	MPhil Dissertation			(8)	8
	TOTAL = 40 Credits	13	16	3	8

** Each MPhil student is required to select one elective each during the first and second semester of the first year from the list of elective courses available under the PhD Curriculum.*

DOCTOR OF PHILOSOPHY (PhD) IN HISTORY

PHILOSOPHY OF THE PROGRAMME

The Doctor of philosophy (Ph.D) in History is designed to train and produce scholars who need academic doctoral degree in the field of History. The programme is meant to inculcate in the students, the value of history and the interpretive skills in understanding the discipline, especially as History is gradually emerging from the limbo of irrelevance into limelight in Nigeria. It is a popular belief that common experience and common aspiration define a nation and these can be easily found and most fully understood through a study of the nation's history. The knowledge of the history of a nation contributes a lot to the making of patriotic citizenry. The unparalleled role which history plays in the overall development of a nation makes the well-meaning nations of the world to accord it a position of prominence in their quest for greatness and progress. According to George Santayana, "Progress, far from consisting in change, depends on retentiveness. When experience is not retained as among the savages, infancy is perpetual; those who cannot remember the past are condemned to repeat it". Therefore, the PhD program in History at Babcock University is meant to deepen the students' knowledge and enhance their competence in History so as to enable them to make an original contribution to historical scholarship and encourage them to further romanticize the importance of History in national development as well.

The programme gives a special attention to the philosophy of History, historical research methodology and historical movement and forces, with a view to produce men and women of competence in various areas of specialisations in History. Moreover, the programme inculcates in the students values such as faith in God and His intervention/role in human history.

AIMS/OBJECTIVES

The aims of the programme are the following:-

1. To enable students enhance their competence in History
2. To enable students make a major original contribution to historical scholarship.
3. Make students acquire skills in information selection, organization and writing of historical research.
3. To inculcate in the students, a critical awareness and understanding of problems and prospects of historiography, research methods in history and the various interpretive approaches to the discipline.
4. To build in students, values such as faith in God and His intervention in History as part of the interpretive skills in understanding the discipline.

GENERAL ADMISSION REQUIREMENT

(i) Doctor of Philosophy (PhD) Degree

A candidate with a good Masters Degree in History with not less than a CGPA of 4.0 (on a 5.0 scale) or 60% average score, which include course work and research dissertation from a recognized university may be admitted.

(ii) In addition, candidates seeking admission into the PhD programme in History may be subjected to an oral interview session to determine their eligibility.

(iii) All applicants for the PhD in History shall be required to submit a proposal on a topical area of interest which may eventually constitute their Thesis. This would be tabled before the Departmental Postgraduate Board who will determine the candidate's sufficient background knowledge in the area.

General Graduation Requirement

A student is required to have taken a minimum of 62 credits including a research thesis of 16 credits, over a minimum period of six semesters, before graduation.

AREAS OF SPECIALIZATION

- i. Economic History
- ii. Diplomatic History
- iii. African History
- iv. Social/Political History

COURSE CONTENT FOR PHD IN HISTORY

COURSE CODE	COURSE TITLE	YEAR 1		YEAR 2		YEAR 3	
		1 st Sem	2 nd Sem	1 st Sem	2 nd Sem	1 st Sem	2 nd Sem
	GENERAL COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 932	Advanced Statistics for Humanities		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
HIST 900	Biblical Perspectives on Historical Discourse			3			
HIST 911	Advanced Historiography	3					
HIST 922	Africa and the World Economic Order		3				
HIST 923	History of the Seventh-day Adventist Church in Africa	3					
HIST 926	Neo-Colonialism in Africa		3				
HIST 941	Themes in Social and Political History of Africa since Independence			3			
HIST 942	Research Methods and Techniques		3				
HIST 970	Doctoral Seminar 1			4			
HIST 980	Doctoral Seminar 2				4		
HIST 9--	Specialization Courses*	3	3	3			
HIST 990	Thesis			4	4	4	4
	Total = 62 Credits	13	16	17	8	4	4

* Every student is required to select one elective course each in first semester and second semester of the First year and one elective course during the first semester of the Second year.

SPECIALIZATION COURSES – offered at 3 credits each

Economic History

HIST 933: Advanced Studies in Economic History of Nigeria in the 20 th Century	3
HIST 965: Economic Reforms in Africa since 1980s	3
HIST 974: International Economic Relations	3
HIST 979: Land and Labour in Africa	3
HIST 982: Comparative Industrial Growth	3
HIST 987: Socio-political and Economic Reforms and Democratic Rule in Nigeria	3

Diplomatic History

HIST 964: Advanced Studies in Foreign Policy of Major World powers	3
HIST 968: Advanced Studies in International Relations	3
HIST 973: Advanced Studies in Trends in World Diplomacy	3
HIST 975: African and European Imperialism	3
HIST 985: Principles and Practice of Diplomacy	3

African History

HIST 963: War and Peace in Africa	3
HIST 967: Modern African Political Thought	3

HIST 972: Nationalism and Nation Building in Africa	3	
HIST 975: Africa and European Imperialism		3
HIST 978: Africa and the Wider World		3

Social/Political History

HIST 969: Faith Based NGOs and Socio-Economic Development in Africa	3	
HIST 972: Nationalism and Nation Building in Africa		3
HIST 975: Africa and European Imperialism		3
HIST 983: Post Independent African Government and Politics		3
HIST 986: Religion and the State		3
HIST 987: Socio-political and Economic Reforms and Democratic Rule in Nigeria		3

COURSE DESCRIPTION

See pages 35-36 for the description of GEDS courses.

GEDS 901: PERSONAL AND FAMILY WHOLENESS **2 Credits**

GEDS 932: ADVANCED STATISTICS FOR HUMANITIES **2 Credits**

GEDS 911: RESEARCH PROPOSAL AND WRITING **2 Credits**

GEDS 912: ADVANCED RESEARCH DESIGN **2 Credits**

HIST 880: MPhil SEMINAR **3 CREDITS**

The seminar is designed to teach students how to engage in critical research writing, hence it borders on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. Presentations and discussions also focus on germane historical trends and various topical issues that are relevant to the field of research. The main essence of the course is to inculcate in the students the skill required in the process of writing acceptable articles as well as prepare them towards writing a standard Dissertation.

HIST 890: MPhil DISSERTATION **3 CREDITS**

The dissertation is an independent study of a topic which must deal with a research problem chosen from the Candidate's area of specialization. It must show familiarity with existing Literature and a mastery of research methodology. The completion of the dissertation culminates in an oral examination (defense) before a panel of examiners consisting of at least the following: the supervisor, an External Examiner, and the Head of Department who chairs the panel as the Chief Examiner.

HIST 900: BIBLICAL PERSPECTIVES ON HISTORICAL DISCOURSE **3 CREDITS**

This course focuses on the exploration of Biblical perspective on Historical study and reveals History as the closest discipline to the Bible. It presents historical discourse as the study of the past events in relation to the present so as to plan for the future just as the Bible which is the record of God's intervention in human affairs in the past is also applied to the present in order to prepare for the future which is eternal salvation of man. It also stresses the fact that as History may repeat itself if its lessons are not learnt, the judgment of God recorded in the Bible would be applied to man again if humans would not learn their lessons. The course therefore encourages the students to see the Bible as true source of History because historical events/facts emerge from God's intervention in the affairs of humans, hence, any knowledge of history acquired is expected to lead the student to God who is the author of History. The course thus, prepares 'would-be' graduates of

History to become complete, transformed and well-rounded in all ramifications of personal and professional growth as they engage in faithful service to God and humanity. It also teaches the students to imbibe the culture of integrity, accountability, team spirit and servant leadership as admonished by the Bible in their personal and professional life. The application of these values in the fear of God would always imbue them with the ability to separate the shaft from the wheat in their professional life and make them Historians of distinct character. *This Capstone Course MUST be cotaught by a host teacher and a teacher from the Department of Religious Studies.*

HIST 911: ADVANCED HISTORIOGRAPHY

3 Credits

The course examines the problems of historiography at the higher level. It emphasizes the practical and theoretical challenges which confront the contemporary Historians. The course also examines the trends in Historical scholarship in Africa and the contributions of ancillary disciplines to African historiography. The course winds up by looking at the historiographical challenges of Nigerian History. The main themes in Nigeria historiography such as the state formation and intergroup relations would be studied.

HIST 922: AFRICA AND THE WORLD ECONOMIC ORDER

3 Credits

The course examines African economies in the global context. The slave trade, legitimate trade, colonization and unequal economic relations of Africa and the imperial powers. It will also discuss the relevance of Dependency theory, the World Bank, IMF and African economies. Foreign borrowing and foreign debt in the economic development of Africa will also be analysed in the course.

HIST 923: HISTORY OF THE SEVENTH-DAY ADVENTIST CHURCH IN AFRICA

3 Credits

The course begins with a brief discussion of the three waves of the incursion of Christianity in Africa. The third wave is examined within the context of the Great Awakening of the 19th century that led to the founding of the Church Missionary Society and other religious bodies. The course dovetails into the rise, growth and development of the Seventh-day Adventist Church as well as its missionary enterprise in Africa. It also examines the uniqueness of the Seventh-day Adventist philosophy of education and its goal of building a holistic man. In addition, themes around some fundamental Bible doctrines, values and practices are interrogated in the course with a view to establish their historicity.

HIST 926: NEO-COLONIALISM IN AFRICA

3 Credits

The course examines the origin, dimension and implications of neo-colonialism in Africa. It focuses on the roles of the colonial state, multinational corporations and the African elite in establishing the institutional framework for the exploitation and plunder of the African economy. The course also looks at the steps taken by the independent African countries to curb the menace.

HIST 933: ADVANCED STUDIES IN ECONOMIC HISTORY OF NIGERIA IN THE 20TH CENTURY

3 Credits

The course will examine the nature and pattern of external influences on Nigeria's economy and political development, the major trends and changes in the monetary and banking sectors of the economy. Moreover, mining and manufacturing industrialization sector, agriculture, Nigerian oil sector, indigenization, commercialization, deregulation and privatization policies of the government would all be discussed in the course.

HIST 941: THEMES IN SOCIAL AND POLITICAL HISTORY OF AFRICA SINCE INDEPENDENCE

3 Credits

The course examines topics such as: political instability in Africa since independence; military rule; one party system; ethnic conflict and hegemony; minority rule; struggle for democracy in the

1980s and 1990s. The course also deals with the effect of the Third wave of democracy on Africa and the challenges of democratic consolidation in the region.

HIST 942: RESEARCH METHODS AND TECHNIQUES **3Credits**

The course is designed to strengthen the research techniques and skills of the Doctoral students and the acquisition of the necessary skills needed for the writing of good research in History.

HIST 963: WAR AND PEACE IN AFRICA **3 Credits**

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, disarmament and arms control; the role of international organizations in peace initiatives, etc.

**HIST 964: ADVANCED STUDIES IN FOREIGN
POLICIES OF MAJOR WORLD POWERS** **3 Credits**

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.

HIST 965: ECONOMIC REFORMS IN AFRICA SINCE 1980s **3credits**

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.

HIST 967: MODERN AFRICAN POLITICAL THOUGHT **3 Credits**

The Course will examine the political ideas of selected African leaders across the continent. The origin of their ideas (including African traditional political thought), the impact of colonialism on their political ideas, the ideologies of the examined political leaders and the extent to which these have influenced the political organization of African states. The course would be concluded by juxtaposing African Political thought with Christian religious worldview of leadership and governance.

HIST 968: ADVANCED STUDIES IN INTERNATIONAL RELATIONS **3 Credits**

This course equips the students with a better understanding of interaction among nations in the international environment. It focuses on bilateral and multilateral 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.

**HIST 969: FAITH-BASED NGOS AND SOCIO-ECONOMIC
DEVELOPMENT IN AFRICA** **3 Credits**

The course examines the humanitarian interventions of the faith-based Non-Governmental Organisations (NGOs) to palliate human suffering in the conflict ravaged and disaster atrophied regions in Africa. It takes a cursory look at the involvement of religious organisations in the provision of social services and economic livelihood to the displaced and vulnerable people as an immense prop to the government which has the traditional role of guaranteeing the welfare of the citizenry. The course gives special attention to the Adventist Development and Relief Agency (ADRA) and its intervention programmes in various African countries in order to encourage sustainable development among the vulnerable communities.

HIST 972: NATIONALISM AND NATION-BUILDING IN AFRICA **3Credits**

The course examines the variants and dynamics of nationalists' movements in Africa and the

processes and challenges of nation-building since the late 1950s. The course is set in a global context.

**HIST 973: ADVANCED STUDIES IN TRENDS IN WORLD DIPLOMACY:
FROM THE 19TH CENTURY TO PRESENT**

3 Credits

The course traces the evolution of contemporary world diplomacy from the Congress of Vienna to the present. Principles and issues like balance of power, continentalism, European imperialism, globalization, American policy of isolationism and foreign non-interference in their affairs, the failure of the league of Nations and Collective Security; The Second World War and American involvement in the war; the principle of self-determination; The Atlantic Charter; The Cold War; East/West relations; the collapse of the Soviet Union (USSR); The New World Order and Globalization are all discussed.

HIST 974: INTERNATIONAL ECONOMIC RELATIONS

3Credits

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 and under development; the politics of the new International Economic Order.

HIST 975: AFRICA AND EUROPEAN IMPERIALISM

3Credits

This course examines European imperialism in Africa. It explores the scramble for Africa and the partition of Africa by the European imperialists and the colonial rule. It also highlights the key themes and events associated with them. Some of the major issues which the course discusses include the background to European imperialism, the internal and external developments and dynamics that were involved in European imperialism. The theories of imperialism proposed by renowned thinkers like Antonio Gramscie and W. Lenin will also be examined.

HIST 978: AFRICA AND THE WIDER WORLD

3Credits

The course examines political and economic development within Africa as well as international relations between the African countries. It will also look at the economic challenges of Africa within the context of the North-South dialogue and the role of Africa as a bloc at the United Nations. Finally, it will look at the problem of the issue of globalization as it affects African countries.

HIST 979: LAND AND LABOUR IN AFRICA

3 Credits

The course discusses and analyses land and labour as factors of production in the economies of African societies since the advent of Europeans with their commercial and imperial interests in Africa. Land tenure systems, plantation agriculture versus peasant-based agricultural economy, colonial policies on land and labour and Africa reactions to such policies will also be examined. Post independent development on land, labour and related issues will also be considered.

**HIST 982: COMPARATIVE INDUSTRIAL
GROWTH OF THE USA AND BRITAIN**

3Credits

The course examines different approaches adopted by industrial countries of the world with particular reference to Britain and USA against their different backgrounds and settings to achieve industrial development. This will be contrasted with the dismal record of the Third World countries.

**HIST 983: POST-INDEPENDENT AFRICAN
GOVERNMENT AND POLITICS.**

3Credits

The course deals with the process of decolonization in post-independent Africa and the emergence of political parties which engage in mass mobilization, competitive modernization and semblance of ideological orientation. The endemic tendencies towards one-party structure,

military intervention in African politics and the political instability which swept across the region, particularly in the 1970s and 1980s would be discussed.

HIST 985: PRINCIPLES AND PRACTICE OF DIPLOMACY 3 Credits

The course traces the evolution of contemporary world diplomacy from the Treaty of Westphalia through the Congress of Vienna to the formation of the UNO with principles and issues like balance of power, sovereignty, power politics and the policy of non-interference in the internal affairs of sovereign states. It will also consider national interest as a tool for foreign policy formation, international moral obligation to fight crimes against humanity and to oppose illegitimate rulers vis-à-vis the principle of non-interference.

HIST 986: RELIGION AND THE STATE IN AFRICAN HISTORY 3 Credits

The course deals with the issue of religion and the state in Africa in time perspective. It examines the indigenous religious, traditions and beliefs. However, Islam and Christianity are the major religions to be examined. Emphasis will be placed on how religious communities play important social and cultural roles in the state and the role which the government should play regarding religion.

HIST 987: SOCIO-POLITICAL AND ECONOMIC REFORMS AND DEMOCRATIC RULE IN NIGERIA 3 Credits

The course deals with the major socio-political and economic developments in Nigeria since the return to civil rule in Nigeria. Topic to be treated in the course include: constitutional Debate, Revenue Allocation, Relations among the three tiers (Federal-State- Local) or arms (Executive-Legislature-Judiciary) of government, labour and industrial management, educational and health matters and the external relations of democratic Nigeria. The challenges of systemic corruption and economic reforms in the nation will also be examined.

HIST 970: DOCTORAL SEMINAR 1 4 Credits

The Seminar paper is a work of original research that helps the students to further develop research, analytical and communication skills. This will be done primarily through the presentation of a major research paper on any of the courses taught in the semester.

HIST 980: DOCTORAL SEMINAR 2 4 Credits

The Seminar paper is a work of original research that helps the students to further develop research, analytical and communication skills. This will be done primarily through the presentation of a major research paper on any of the courses taught in the semester.

HIST 990: THESIS 16 Credits

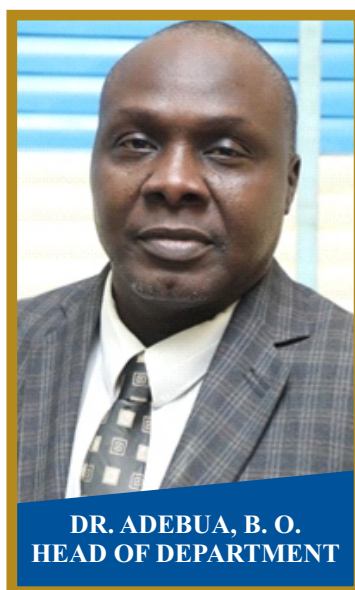
The doctoral thesis to be written by the student should address pertinent issues relating to the degree to be awarded. It must be on an issue of contemporary concern or relevance; must be carried out under the academic supervision of qualified academic staff in the department; and must conform to expected academic standards in structure, methodological rigor and style. It is also expected that the thesis completed at Babcock University should incorporate, as far as possible a section/chapter, or append some supporting document on the Christian and Biblical worldview as it applies to the subject matter of the thesis, as well as to the moral and ethical issues arising from the thesis. Finally, the thesis must be original. *The Thesis must be registered for, over a period of four semesters.*

DEPARTMENT OF LANGUAGES AND LITERARY STUDIES

Degree in View: M.A, PhD

Areas of Specialization:

- 1.Language
- 2.Literature



MASTER OF ARTS (MA) IN ENGLISH (LANGUAGE & LITERATURE OPTIONS)

Objectives of the programme

The M.A. programme is targeted at training highly skilled manpower in English language and literature in order to achieve excellence in teaching, research programme and service delivery. Furthermore, the programme will equip students with creative skills and requisite knowledge to enrich global language and literary studies with the African indigenous culture and oral literature.

Admission Requirements

Candidates for admission into the MA English degree programme of the department of languages and literary studies should possess.

A bachelor's degree in English of Babcock University or any other university or institution of higher learning approved by the senate of Babcock University with a minimum of second class lower division **or**

A bachelor's degree in related disciplines such as Linguistics, Language arts Communication Arts may be considered for admission.

Candidates may be required to write and pass a qualifying examination before admission.

Graduation Requirements

To obtain M.A. in English, a candidate must take and pass a minimum of 49 units of courses made up as follows:

GEDS	4 Credits
Core Courses	30 Credits
Elective Courses	9 Credits
Dissertation	6 Credits
TOTAL	49 Credits

Programme Duration- Minimum of Three Semesters

COURSE CONTENT FOR M.A. ENGLISH (LANGUAGE)

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL COURSES			
GEDS 801	Religion, Faith and Morality	2		
GEDS 822	Intermediate Statistics for Humanities		2	
	CORE COURSES			
ENGL 800	Biblical Foundations of Language Studies		3	
ENGL 801	Advanced English Phonetics & Phonology	3		
ENGL 848	Studies in Nigerian English		3	
ENGL 812	Advanced Discourse Analysis		3	
ENGL 821	Advanced English Semantics & Lexicology	3		
ENGL 822	Advanced English Syntax and The Morphology Present day English		3	
ENGL 831	Advanced Stylistics	3		
ENGL 861	Advanced Research Methods and Analytical Techniques	3		
ENGL 804	Contrastive Linguistics		3	
ENGL 870	Master's Seminar		3	
ENGL/EGLT	Electives*	6	3	
ENGL 890	Dissertation			6
	TOTAL = 49 Credits	20	23	6

** Candidates are to choose one Language and one Literature elective course in the 1st Semester and one other Language elective course in the 2nd Semester with the guidance of the Departmental PG Coordinator and HOD.*

ELECTIVE COURSES *(offered at 3 Credits each)*

ENGL 809	Advanced Sociolinguistics	3
ENGL 846	Pragmatics	3
ENGL 803	Bilingualism and Multilingualism	3
ENGL 834	Advanced Varieties of English	3
ENGL 807	Translation	3
ENGL 802	Psycholinguistics	3
ENGL 806	English as a Second Language	3
EGLT ____	Elective in Literature	3

AREAS OF RESEARCH IN ENGLISH LANGUAGE

- a. Phonetics/Phonology
- b. Syntax
- c. Stylistics
- d. Semantics/Pragmatics
- e. Discourse Analysis
- f. Sociolinguistics
- g. Text Linguistics
- h. Applied (English) Linguistics
- i. Nigerian English
- j. English Morphology and Lexis
- k. Pidgin and Creoles
- l. English as Second Language
- m. Contrastive Analysis

COURSE DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

(GEDS 801) RELIGION, FAITH AND MORALITY **2 Credits**

(GEDS 822) INTERMEDIATE STATISTICS FOR HUMANITIES **2 Credits**

(ENGL 800) BIBLICAL FOUNDATION OF LANGUAGE STUDIES **3 Credits**

The biblical origin of language evolution finds expression in the confusion of human language at Babel by God. Language therefore becomes a potent instrument in establishing deep communication with God as well as ensuring interpersonal communication with man. Effective use of language becomes the hallmark of communication through literature and in the propagation of the gospel. Literature across the genres reflects the social reality of a given people and language is the medium of expression. Language and literature then become a veritable fuse to be channelled towards achieving a worthwhile goal of integrating faith with the student's chosen field or areas of specialisation. Group assignments, seminars, and term papers will be carefully channelled towards achieving this desired goal of a holistic education expressed through honesty, integrity and fear of God. *This Capstone Course MUST be cotaught by a host teacher and a teacher from the Department of Religious Studies.*

**(ENGL 801) ADVANCED ENGLISH PHONETICS
AND PHONOLOGY**

3 Credits

A study of the phonological concepts and principles of general phonetics with emphasis on the development of the phoneme, theories of segmental and supra-segmental phonology, exemplifying vowels, consonants, diphthongs, syllables, rhythm, stress, intonation, etc. Theories of phonological analysis: generative phonology, phonetic theory and prosodic theory, and discourse intonation.

(ENGL 848) STUDIES IN NIGERIAN ENGLISH

3 Credits

Theories of contrastive analysis and error analysis. Mother tongue interference and other sources of error. The significance of error. Deviant usages in Nigerian English, including graphological errors, phrase-structure errors, and those in single-base and double-base transformations. Lexical errors and deviant forms of idioms and idiomatic expressions. Areas of English phonology posing special difficulties for Nigerian students as learners and users of English as a second language. A study of the phonological differences between English and the main languages of Nigeria (with special attention to segmental and supra-segmental phonemes, syllabic structures, stress and intonation).

(ENGL 812) ADVANCED DISCOURSE ANALYSIS**3 Credits**

A study of current models of analyzing texts, discourse, and 'what is beyond the sentence'. Topics to be covered include cohesion, turn taking, exchange, speech acts, pragmatics, ethnography of communication, interaction, sociolinguistics, conversation analysis, variation analysis, forensic discourse analysis, critical discourse analysis, thematic approach to sentence structure, etc.

**(ENGL 821) ADVANCED ENGLISH SEMANTICS
AND LEXICOLOGY****3 Credits**

A study of semantic theories, approaches, and various aspects of meaning in language, including such notions as sense and reference, semantic fields, componential analysis, lexical meaning relations, ambiguity and vagueness, presupposition, entailment, propositional calculus, truth values and truth conditions, speech acts, pragmatics (principles and mechanics, knowledge of the world and shared knowledge), etc.

**(ENGL 822) ADVANCED ENGLISH SYNTAX AND THE
MORPHOLOGY OF PRESENT DAY ENGLISH****3 Credits**

A study of current trends in the description of English Syntax – Transformational Syntax. Transformational Generative Grammar, Generalized Phrase Structure Grammar, functional Grammar: (Hallidayan Grammar, Systemic Grammar, etc), Chomskyian Linguistics, (Minimalist Theory, Standard theory, Extended Standard Theory, Revised Extended Standard theory), etc. The course consists of detailed studies of new trend and various aspects of the grammar of English. The different models of grammar, with emphasis on the nature of the semantic component and transformations should be examined. Morphophonemics and an advanced study of the word form, lexeme and the morphological processes of English should also receive emphasis.

(ENGL 831) ADVANCED STYLISTICS**3 Credits**

The concept of style, stylistics, theories and approaches to the study of style, the use of linguistic tools in analyzing literary texts, register: language of law, language of religion newspaper, reporting, advertising, language of bureaucracy, technical/scientific writing, etc.

(ENGL 809) ADVANCED SOCIOLINGUISTICS**3 Credits**

A study of language in society covering language and culture, speech community, bi/multilingualism, interference, variations, code-switching, code-mixing, language and gender, pidginisation and creolisation, language policy and national integration, language conflict, language attitudes, global language, etc.

**(ENGL 861) ADVANCED RESEARCH METHODS &
ANALYTICAL TECHNIQUES****3 Credits**

A course on current research methods and bibliographic studies – the concept of hypothesis, types of research, research format, data collection and analysis, statistical quotations, notes, references, bibliography, etc.

(ENGL 804) CONTRASTIVE LINGUISTICS**3 Credits**

This course pays attention to inter-language studies with particular reference to Error and Contrastive Analyses within the purview of English as a second language. The course combines aspects of Semiotics and Sociolinguistics that affect national development, especially as language is the most effective means of human communication. Also, language is very important for human participation in national development.

(ENGL 846) PRAGMATICS**3 Credits**

The course focuses on conversational implicatures with emphasis on deixis, speech acts, presupposition and discourse structure. It previews the constraints users of English language

encounter in their various social interactions and their effects.

(ENGL 803) BILINGUALISM AND MULTILINGUALISM

3 Credits

This is a study of 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. It also considers effects of globalization, modernization and hybridization on language use in a bilingual/multilingual community.

(ENGL 802) PSYCHOLINGUISTICS

3 Credits

This is an advanced study of the English Language and the relationship between language and the brain/mind thought. This should include language performance, behaviour, comprehension and some aspects of neurolinguistics manifesting in speech impairment in English usage. Literacy problems and development in multi-media in contemporary language teaching are also studied.

(ENGL 834) ADVANCED VARIETIES OF ENGLISH

3 Credits

This course critically presents diversities and dynamics of English Language usage in Nigeria. It extends the exploration of the varieties of English Language as obtained in the Nigerian context in relation to the English usage by the native speakers. Focus is on the interference level in the Nigerian varieties of English especially in the areas of phonology, syntax, lexis and semantics.

(ENGL 806) ENGLISH AS A SECOND LANGUAGE

3 Credits

The course examines English as a Second Language (ESL) in Nigeria. It focuses on the origin and emergence of English language in Nigeria. Emphasis is placed on the various difficulties encountered by the Nigerian L₂ speakers due to initial exposure to Mother Tongue (MT) and First Language (L₁).

(ENGL 807) TRANSLATION

3 Credits

The course focuses on the advanced translation skills in the area of bilingual and multilingual studies. It also seeks to equip the students with advanced techniques in traditional stylistics, norm and deviation and the use of stylistics in the teaching of language. Emphasis is placed on the lexical, morphological, phonological, syntactic and semantic rudiments required in translating from one language to another.

(ENGL 870) MASTER'S SEMINAR

Masters Seminar is an evaluated presentation by the student in a Master's degree programme which he/she proposes the topic of the research to be undertaken in his/her dissertation, the background of the work, the theoretical framework, literature review, and the aims and objectives for the proposed work. It is also intended to enable the student specify in detail the research methodology, the specific approach(es) to be adopted for the analysis of the data which serve(s) as the basis for the work and the different tasks or actions which are involved to prove and or elucidate the argument of the dissertation.

(ENGL 890) DISSERTATION

6 Credits

A project of a suitable length involving the student's original research on a topic approved by the Department and under the supervision of a lecturer.

COURSE CONTENT FOR M.A. ENGLISH (LITERATURE)

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL COURSES			
GEDS 801	Religion, Faith and Morality	2		
GEDS 822	Intermediate Statistics for Humanities		2	
	CORE COURSES			
EGLT 801	Bibliographic Methods & Research Studies	3		
EGLT 802	Studies in African Fiction		3	
EGLT 804	Comparative Literature		3	
EGLT 811	Literary History, Theory & Criticism	3		
EGLT 812	Studies in African Drama		3	
EGLT 821	Studies in African Poetry	3		
EGLT 841	Advanced Studies in Oral Literature	3		
EGLT 854	Literature of Black Diaspora: African-American & Caribbean			
EGLT 800	Literary Studies in the Bible		3	
EGLT 870	Master's Seminar		3	
EGLT/ENGL	Electives*	6	3	
EGLT 890	Dissertation			6
	TOTAL = 49 Credits	20	23	6

* Candidates are to choose one Literature and one Language elective course in the 1st Semester and one other Literature elective course in the 2nd Semester with the guidance of the Departmental PG Coordinator and HOD.

ELECTIVE COURSES (offered at 3 Credits each)

EGLT 822	Theory of Fiction	3
EGLT 831	Theory of Drama	3
EGLT 833	Advanced Gender Studies	3
EGLT 842	Cultural Studies	3
EGLT 852	Advanced Studies in Creative Writing	3
EGLT 861	Literature and the Media	3
ENGL ____	Elective in Language	3

AREAS OF RESEARCH EMPHASIS IN M.A. ENGLISH LITERATURE

Literary Theory and Criticism

Dramatic Literature

Fiction

Poetry

Oral Literature

Creative Writing

Comparative Literature

Gender Studies

COURSE DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

(GEDS 801) RELIGION, FAITH AND MORALITY **2 Credits**

(GEDS 822) INTERMEDIATE STATISTICS FOR HUMANITIES **2 Credits**

EGLT 800 – LITERARY STUDIES IN THE BIBLE **3 Credits**

This course is designed to establish a dynamic synergy between literary consciousness and Christ-like disposition. The synergy stems from the very idea of creation, where God is established as the super embodiment of creativity expressed in the three genres of literature. It also recognizes the potency of literature in analysing the socio-political and economic dynamics of the society, while establishing deep communication with God as well as ensuring interpersonal communication with man. The books of Proverbs, Psalms and the various parables are shining instances of creative word smithing for the delectation of the hearers and for didactic impact and these will be extensively explored. Through such instances drawn from the Holy Book, a formidable synergy will be established with literature. Postgraduate students are to imbibe the spirit behind this synergy in the various assignments, seminars and workshops pertaining to this course with a view to concretising the consciousness of God in all human endeavours. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

(EGLT 801) BIBLIOGRAPHIC METHODS & RESEARCH STUDIES **3 Credits**

A course on current research methods and bibliographic studies – types of research, research format, quotations, notes, references, bibliography etc.

(EGLT 802) STUDIES IN AFRICAN FICTION **3 Credits**

An intensive study of the novel in Africa with emphasis on the African heritage of the novel, the novel in the age of transition, contexts of the African novel, the negritude ideology and the African novel, the novel as a tale retold, the novel of armed resistance, exile and estrangement, fiction and the feminist consciousness.

(EGLT 804) COMPARATIVE LITERATURE **3 Credits**

The concept and scope of comparative literature, dimension of comparativism and separativism in literary studies, as well as factors that must be of central focus in bringing together authors and texts for comparison. It is important that the response of writers to ideas, socio-political developments, and the literary tastes that go into the shaping of literature be highlighted in the course of teaching.

(EGLT 811) LITERARY HISTORY, THEORY AND CRITICISM **3 Credits**

A course on aspects of specific theoretical approaches to the study of literature. A critical survey of the development of ideas about the form and function of literature. The course is taught with special reference to the theories of the major literary critics such as Plato, Aristotle, Philip Sydney, Jean Dryden, Leo Tolstoy, Jean Paul Satre, F.R. Leavis, T.S. Eliot and I.A. Richards. Meta-critical issues, hermeneutics.

(EGLT 812) STUDIES IN AFRICAN DRAMA **3 Credits**

An intensive study of African Drama, both traditional and contemporary. The evolution of drama from rituals, functions of drama in society. The contribution of African dramatics with a variety of texts by writers from different regions of Africa will be studied. Dramatic forms are examined in their cultural context. A wide range, from a highly 'literary' type of drama to more 'popular' forms, is covered.

(EGLT 821) STUDIES IN AFRICAN POETRY**3 Credits**

An intensive study of African poetry both traditional and contemporary. A critical examination of the place of incantation and the muse factor in African poetry. Focus will also be on Negritudism and other related concepts.

(EGLT 822) THEORY OF FICTION**3 Credits**

A study of forms, themes and trends in prose fiction, especially the novel of the last quarter of the 19th century in English when a heightened interest in form and craftsmanship in the English novel began with Henry James, James Joyce, Virginia Woolf, Joseph Conrad, etc. Theories of narrative art explicated by literary critics such as Wayne Booth, Philip Stevick, Norman Freidmann, Maurine Shroederm, Northrop Frye, Robert Scholes and Robert Kellogg.

(EGLT 831) THEORY OF DRAMA**3 Credits**

A study of forms, themes and trends in drama from classical times to the present. For a broader view of the theory of tragedy, emphasis will be placed on the Aristotelian, Senecan, and Elizabethan definitions of tragedy and the critiques of these definitions.

(EGLT 833) ADVANCED GENDER STUDIES**3 Credits**

This course will focus on the various approaches to literary criticism that attempt to examine the ways in which literature has been shaped by gender issues. The course will emphasize the influence of gender on literary works in all the major genres of literature. Emphasis will be placed on the construction or deconstruction of the female world-view, themes, use of language, etc in the interpretation of selected texts.

(EGLT 842) CULTURAL STUDIES**3 Credits**

This course focuses on culture as a sensitive trajectory of power relations that has important consequences for the individual, the state, form of social and economic productions, and institutional policy determinations. With particular reference to its contemporary 'globalized' realization, the course shall examine the influences of cultural forms such as the postcolonial, post modernism, feminist, deconstructionist, post-structuralist, etc on present day human societies and their consequences on peoples, time and freedom.

(EGLT 841) ADVANCED STUDIES IN ORAL LITERATURE**3 Credits**

Definition of oral literature, techniques of study, scope of oral literature, forms of oral literature: praise songs, myths, legends, folk tales, dirges, proverb, the epic, ritual drama, oral poetry, narratives, their literary resources and contexts. The course also underscores the performative essence and relevance of oral literature to the corpus of African literature.

(EGLT 854) LITERATURE OF BLACK DIASPORA:**AFRICAN-AMERICAN AND CARIBBEAN****3 Credits**

Studies in the writings of black authors from North America. Selected works of the major poets (e.g. Wheatley, Dunbar, Hughes, McKay, Hayden, and Baraka,); novelists (e.g. Chesnutt, Bontemps, Wright, Ellison, and Baldwin); dramatists (e.g. Baldwin and Baraka); essayists (e.g. Killens and Baldwin) will be examined in the context of the quest of Blacks for cultural roots in America, and as far as possible, in the context of such movements as the Harlem Renaissance and Black Aesthetic.

(EGLT 852) ADVANCED STUDIES IN CREATIVE WRITING**3 Credits**

This course is designed to equip students with the tools for interpreting their environment in the language that is most expressive through writing, with a great consideration for story, idea development, themes, plot, diction, character, situation, conflicts, suspense, points of view, structure, style symbols, etc. various approaches to creative writing will be explored with the fundamentals of prewriting, writing proper and post writing. Students who have original creative

works may submit them as part of the course requirements. The flexibility of the course however, allows it to accommodate students with a diverse range of goals, interest, and backgrounds.

(EGLT 861) LITERATURE AND THE MASS MEDIA

3 Credits

This course is an interface between literary studies and the mass media in a way that draws some form of divergence and convergence between the two media. The mass media include, but not exhaustively. Radio, Television, and Film while the three genres of literature will be all encompassing, measuring how adaptation alters the aesthetics of each. There is also a practical angle which opens up the business-commercial potentials of the course in a manner that enables students look forward to the possibilities of becoming self-employable when necessary. It will also treat the adaptation of classic literary works in celluloid or other filmic forms, television and radio; the creative writing and presentation of literary works, biographic book reviews in newspapers, on radio and TV, and public presentation of books.

(EGLT 870) MASTER'S SEMINAR

Masters Seminar is an evaluated presentation by the student in a Master's degree programme which he/she proposes the topic of the research to be undertaken in his/her dissertation, the background of the work, the theoretical framework, literature review, and the aims and objectives for the proposed work. It is also intended to enable the student specify in detail the research methodology, the specific approach(es) to be adopted for the analysis of the data which serve(s) as the basis for the work and the different tasks or actions which are involved to prove and or elucidate the argument of the dissertation.

(EGLT 890) DISSERTATION

6 Credits

A project of a suitable length involving the student's original research on a topic approved by the Department and under the supervision of a faculty member in the Department.

MASTER OF PHILOSOPHY (MPhil) IN ENGLISH (LANGUAGE & LITERATURE OPTIONS)

Graduation Requirement

MPhil students are expected to complete the following course requirement:

GEDS	8 Credits
Core Courses	12 Credits
Elective Courses	8 Credits
Dissertation	8 credits
TOTAL	36 Credits

COURSE CONTENT FOR MPhil ENGLISH

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES				
GEDS 901	Personal and Family Wholeness	2			
GEDS 932	Advanced Statistics for Humanities		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
ENGL 913	Advanced Linguistic Theory and Present Day English	(3)			
ENGL 981	Pidgins/Creoles and Decreolization in English Language	(3)			
ENGL 984	Applied Linguistics in English		(3)		
EGLT 932	Literature and Philosophical Ideas		(3)		
EGLT 951	World Literary Classics	(3)			
EGLT 983	Methods and Techniques of Critical Discourse	(3)			
ENGL/EGLT 9--	Electives*	4	4		
ENGL/EGLT 880	MPhil Seminar			3	
ENGL/EGLT 890	MPhil Dissertation			(8)	8
	TOTAL = 36 Credits	14	11	3	8

LIST OF ELECTIVE COURSES

* See the List of Electives under PhD Programme below.

DOCTOR OF PHILOSOPHY (PhD) IN ENGLISH (LANGUAGE & LITERATURE OPTIONS)

Admission Requirements

Candidates seeking admission into the PhD in English degree programme are required to possess:

- i. An M.A. Degree in English Language or English literature with not less than a CGPA of 4.0 (on a 5.0 scale) or an average score of 60% or its equivalent from Babcock University or other duly and accredited institutions. Applicants with less than 3.00 CGPA or its equivalent may be considered for the (Master of Philosophy) in English.
- ii. Any other M.A. degree which will be evaluated to determine the level of courses to be taken as remedial in order to qualify for the PhD in English programme.
- iii. An M.Phil in English Language or English Literature with a pass mark of 50%. Such candidates will commence with the 2nd year of the PhD programme.

NOTE: iv. Given the academic nature of this programme, no credit is given for professional expert.

- v. All categories of applicants may however be required to go through a postgraduate selection process.

Graduation Requirements

Students are expected to complete a total of 58 Credit units including the successful completion and defense of a dissertation with a minimum of 50% pass mark in all courses.

Duration

A minimum of 6 Semesters

COURSE CONTENT FOR PH.D. IN ENGLISH (LANGUAGE & LITERATURE OPTIONS)

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem
	GENERAL COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 932	Advanced Statistics for Humanities		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
ENGL 900	Biblical Principles in Language Studies			(3)			
ENGL 913	Advanced Linguistic Theory and Present Day English	(3)					
ENGL 981	Pidgins/Creoles and Decreolization in English Language	(3)					
ENGL 984	Applied Linguistics in English		(3)				
ENGL 985	Language Therapy and National Development			(3)			
EGLT 900	Advanced Literary Studies in the Bible			(3)			
EGLT 943	Regional Influences on African Literary Studies			(3)			
EGLT 932	Literature and Philosophical Ideas		(3)				
EGLT 951	World Literary Classics	(3)					
EGLT 983	Methods and Techniques of Critical Discourse	(3)					
ENGL/EGLT 971	Research Proposal Writing in English Language and Literature			3			
ENGL/EGLT 970	Doctoral Seminar I			4			
ENGL/EGLT 980	Doctoral Seminar II				4		
ENGL/EGLT 9--	Electives*	4	4				
ENGL/EGLT 990	Thesis			4	4	4	4
	TOTAL = 58 Credits	14	11	17	8	4	4

ELECTIVE COURSES

Literature Specialization

ENGL/EGLT 937	Advanced Semiotics (2)
EGLT 911	Advanced Methods in Literary Text Analysis (2)
EGLT 922	African Oral Literature(2)
EGLT 941	Advanced Feminist Theories & Literary Analysis (2)
EGLT 907	Language and Literary Studies in Book Publishing (2)
EGLT 931	Studies in Prose & Poetic Diction (2)
EGLT 942	Nigerian Feminist Writers (2)
EGLT 953	Literature and the Mass Media (2)

Language Specialization

ENGL/EGLT 937	Advanced Semiotics (2)
ENGL 901	Studies in English Phonetics and Phonology(2)
ENGL 911	Studies in the Grammar of English (2)
ENGL 912	Studies in Discourse Analysis (2)
ENGL 914	Studies in Semantics (2)
ENGL 921	Advanced Stylistics (2)
ENGL 922	Studies in Pragmatics (2)
ENGL 964	Advanced Sociolinguistics (2)
ENGL 983	Studies in Nigeria English (2)
ENGL 933	Text linguistics (2)

COURSE DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 901: PERSONAL AND FAMILY WHOLENESS **2 Credits**

GEDS 932: ADVANCED STATISTICS FOR HUMANITIES **2 Credits**

GEDS 911: RESEARCH PROPOSAL AND WRITING **2 credits**

GEDS 912: ADVANCED RESEARCH DESIGN **2 credits**

ENGL/EGLT 880 MPHIL SEMINAR **3 Credits**

This Seminar is designed to equip the M.Phil student with the requisite skills for undertaking research in such a manner that prepares him/her for engaging in the M.Phil Dissertation with minimal challenges. Here, the student proposes the topic of the research to be undertaken, the background of the work, the theoretical framework, literature review, and the aims and objectives for the proposed work. Specific attention is given to such cogent areas as the research methodology, the specific approach(es) to be adopted for the analysis of the data which serve(s) as the basis for the work and the different tasks or actions which are involved to prove and or elucidate the argument of the dissertation. The presentation is expected to specify what will be the narrative, poetic, dramatic or stylistic basis of critical analytical approach to be adopted or adapted, whether there will be interviews, questionnaires, textual interpretations and how these

will be carried out in consonance with the aims and objectives of the proposed research topic in such a manner that would contribute to the advancement of linguistic and literary knowledge and the relevant ongoing linguistic/literary critical debate.

ENGL/EGLT 890 M.PHIL DISSERTATION

8 credits

A project of a suitable length involving the student's original research on a topic approved by the Department and under the supervision of a faculty member in the Department.

ENGL 900 BIBLICAL PRINCIPLES IN LANGUAGE STUDIES

3 Credits

Language is a potent instrument in establishing deep communication with God as well as ensuring interpersonal communication with man. Effective use of language becomes the hallmark of communication through literature and in the propagation of the gospel. Literature across the genres reflects the social reality of a given people and language is the medium of expression. Language and literature then become a veritable fuse to be channeled towards achieving a worthwhile goal of integrating faith with the student's chosen field or areas of specialisation. This course also highlights the beauty of the use of refined language in communication among people of varying backgrounds and orientations. Group assignments, seminars, and term papers will be carefully channeled towards achieving this desired goal of a holistic education expressed through honesty, integrity and fear of God. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

**ENGL 901 STUDIES IN ENGLISH PHONETICS
AND PHONOLOGY**

2 Credits

This course builds on EGL 801 but concentrates on the theories of phonological analysis such as generative phonology, phonetic theory and prosodic theory and discourse intonation.

ENGL911 STUDIES IN THE GRAMMAR OF ENGLISH

2 Credits

This course focuses on the two prominent grammatical theories; generative and systemic. It also concentrates on the structure and function of modern contemporary English. This course will also pay attention to the issue of morphology of English with particular attention to theories surrounding morphological formations.

**ENGL 913 ADVANCED LINGUISTICS THEORY
AND PRESENT DAY ENGLISH**

3 Credits

This course is an advanced study of current models, versions and modifications of theories of linguistics based on the structure of the same as theoretical framework for inquiry of Present Day English.

**EGLT 911: ADVANCED METHODS IN
LITERARY TEXT ANALYSIS**

2 Credits

This course provides approaches to literary text analysis and discussion. It proceeds through the study of the analytical methods of the major African and European literary critics such as I. A. Richards, *Practical Criticism*; J. P. Clark-Bekederemo *The Examples of Shakespeare*, and *Essays in New Stylistic* by S. Chattaman. Oyin Ogunba's *Movement of Transition*, F. R. Leavis *Revaluations*.

ENGL 914 STUDIES IN SEMANTICS

2 Credits

This course is a study of semantic theories, approaches, and various aspects of meaning in English, including such notions as sense and reference, semantic fields, componential analysis, lexical meaning relations, ambiguity and vagueness, presupposition, entailment, proportional, truth value and truth conditions, etc.

ENGL/EGLT 971 RESEARCH PROPOSAL WRITING 3 Credits
IN ENGLISH LANGUAGE AND LITERATURE

This consists of a practical and analytical study of the nature and forms of language and literature research proposals: the methodologies, approaches, and the writing of research proposals, abstracts, synopses, and conclusions. Issues of the “need”, “aims” and “objectives of a research”, the research “problem” and “outcomes” will also be discussed, especially in relation to what is entailed in a doctoral research project in language and literature. The major approaches range from the historical, cultural, sociological to the structural. In addition, Semiotics is discussed using the empirical and field work approaches, and the use of the computer and relevant software as “assistive tools are taught in the course. Also, this course focuses on inter-disciplinary research methodologies by drawing on methods used in other disciplines such as: computer text applications, sociological taxonomies, statistics, semiotics, field work, film and video documentation, topography, classificatory systems, diagrams, their application to textual literary analysis and theory construction.

ENGL 921 ADVANCED STYLISTICS 2 Credits

This course is a study of general and literary stylistics, focusing on the linguistics characteristics of the language of law, religion, newspaper reporting, advertising, bureaucracy, technical, scientific writing; also the application of linguistic tools to the analysis and interpretation of literary texts in the major genre: poetry, drama and prose fiction.

ENGL 922 STUDIES IN PRAGMATICS 2 Credits

This course focuses on aspects of deixis, speech acts, conversational implicatures, presuppositions, discourse structure, knowledge of the world and shared knowledge, within the context of the choices that speakers make, the constraints they encounter in using language in social interaction, and the effects their use of language has on other participants in the discourse situation.

ENGL 933 TEXT LINGUISTICS 2 Credits

This is a study of theories and practical explication of Systemic Text Linguistics, texture and textuality, cohesion, coherence, text grammars, etc.

ENGL/EGLT 937: ADVANCED SEMIOTICS 2 Credits

This is a study of the science of signs and sign system spanning the logical and functional aspects of onomastics, kinesics and their proxemics interacting with language, culture and society. It includes the science of power and power of signs in the social practice and the role of the news media especially the Internet in reinventions and uses of signs.

ENGL 912 STUDIES IN DISCOURSE ANALYSIS 2 Credits

This course is designed to study current models of analysing texts, discourse, and 'what is beyond the sentence'. Topics to be covered include cohesion, turn taking, exchange, speech acts, pragmatics, ethnography of communication, interaction, sociolinguistics, conversation analysis, variation analysis, forensic discourse analysis, critical discourse analysis, thematic approach to sentence structure etc.

ENGL 964 ADVANCED SOCIOLINGUISTICS 2 Credits

The focus of this course to study language in relation to society covering language and culture, speech community, bi/multilingualism, interference, variations, code-switching, code-mixing, language and gender, pidginization and creolization; language policy and national integration, language conflict, language attitudes, global language etc.

ENGL 984 APPLIED LINGUISTICS IN ENGLISH 3 Credits

This course is designed to provide an in-depth study of applied linguistics in areas such as error

and contrastive analyses, inter-language, language testing, teaching of language and literature etc.

ENGL 983 STUDIES IN NIGERIAN ENGLISH 2 Credits

This course will trace the evolution of Nigerian English and discuss its usage in various communicative domains. The developmental trends, the influences and the linguistic features that characterize the language variety will be explicated. The resultant features of the domestication of the English Language in Nigeria where the language performs both instrumental and integrative functions will be explicated.

**ENGL 981 PIDGINS/CREOLES AND
DECREOLIZATION IN ENGLISH LANGUAGE 3 Credits**

This course surveys the origin, nature and development of Pidgins and Creoles. It is a study of the phonological, morphological and syntactic characteristics of Pidgins and Creoles. It involves the preparation and evaluation of material for teaching and testing Pidgins/Creoles and their advantages and difficulties of survival in multilingual settings; their effect on language policy and choice. The Nigerian situation is emphasized.

**ENGL 985: LANGUAGE THERAPY AND
NATIONAL DEVELOPMENT 3 Credits**

This course combines aspects of Semiotics and Sociolinguistics as they affect national development especially as language is the most effective means of human communication and also imperative for human participation in national development.

**EGLT 900: ADVANCED LITERARY
STUDIES IN THE BIBLE 3 Credits**

The Bible is replete with various literary genres. This course is therefore designed to expand the dynamic synergy between literary consciousness and God-like disposition. The synergy stems from the very idea of creation, where God is established as the super embodiment of creativity expressed in the three genres of literature. It also recognizes the potency of literature in analysing the socio-political and economic dynamics of the society, while establishing deep communication with God as well as ensuring interpersonal communication with man. The books of Proverbs, Psalms and the various parables are shining instances of creative word smithing for the delectation of the hearers and for didactic impact and these will be extensively explored. Through such instances drawn from the Bible, a formidable synergy will be established with literature. Doctoral students are to imbibe the spirit behind this synergy in the various assignments, seminars and workshops pertaining to this course with a view to concretising the consciousness of God in human's social realities. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

**EGLT 907: LANGUAGE AND LITERARY STUDIES
IN BOOK PUBLISHING 2 Credits**

This course is designed to be an industrial application of Language and Literary Studies, by exploring the vital role that literary and language skills play in the wide field of Book publishing. It teaches comprehensive and advanced skills in spelling, punctuation, grammar, proof-reading, and book design in relation to specific audience seasoned editors and publishers will be used to provide inside knowledge of the literary-language publishing industry.

**EGLT 943: REGIONAL INFLUENCES ON
AFRICAN LITERARY STUDIES 3 Credits**

This course introduces students to the dynamic relationships between literary creations and social cultural environment. It brings into critical evaluative discourse the ways in which socio-geographical environment shapes the themes, visions, style and language in literature. Large

regional environments such as West Africa, East Africa, Southern Africa, and smaller units such as Nigeria, Western, Northern or Eastern Nigeria or very small communities will define the notion of “Regional” in this course.

EGLT 922: AFRICAN ORAL LITERATURE

2 Credits

This course entails an in-depth study of the major genres of African Oral literature, especially, the prose, poetry and dramatic forms. The Folktale, myth, epic, panegyric poetry, proverbs, songs, dances, festivals and their social, religious, spiritual and cultural functions will provide the basis of both the theoretical study and field work. Case studies of advanced analytical procedures applied by renowned African Oral Literary Scholars such as: J.P. Clark: *Ozidi*, Ruth Finnegan, *Oral Poetry in Africa*, B.A. Babalola: *Form and content of Yoruba Ijala* etc.

EGLT 931: STUDIES IN PROSE AND POETIC DICTION

2 Credits

This course is designed to provide an in-depth exposition of celebrated ways of analyzing, classifying, describing and evaluating prose and poetic diction as means of understanding a given author at a deeper level.

EGLT 932 LITERATURE AND PHILOSOPHICAL IDEAS 3 Credits

This course focuses on the interface between artistic vision and issues of divinity, philosophy and faith. Classic authors who engage in these issues provide the sources for textual analysis and exegesis. Specifically, writers such as: Dante (Divine comedy), John Milton, *Paradise Lost* John Bunyan, *Pilgrim Progress* Dostoevsky, Tolstoy, T.S. Eliot and Samuel Beckett and Helen Habila, *Waiting for an Angel*, Ngugi wa Thiong 'O, *Devil on the Cross*, are expected to be treated dialectically.

EGLT 941: ADVANCED FEMINIST THEORIES AND LITERARY ANALYSIS

2 Credits

This course will bring to the attention of the student, his/her developmental study, modern advanced theories, texts, and critical analysis in the field of feminist literary criticism. Statements and writings by African, European and American feminist theorists will constitute the pivot of the course.

EGLT 942 NIGERIAN FEMINIST WRITERS

2 Credits

This course provides a formal context for the study of Nigerian female writers in terms of their characteristic themes, styles and social-political relevance. Starting with the pioneer feminist writers, such as Flora Nwapa, and Buchi Emecheta, the course dovetails to include the more recent new voices such as Chimamanda Adiche and Akachi Ezeigbo. Writers in the three genres, Fiction, Drama, and Poetry will be equally featured in the course.

EGLT 951 WORLD LITERARY CLASSICS

3 Credits

This course brings into focus the literary, aesthetic, moral and philosophical-spiritual foundations of what constitutes a literary “classic” or “masterpiece” in the context of the world and its literary development from classical Greece to the modern era. It examines the sources of sublimity or excellence in literary creations, starting from Longinus', 'treatise. *The sublime* to T.S. Eliot's “What is a classic?” These issues are examined in the context of the study of selected world classics. Selections include Homer: *The Odyssey*, Sophocles: *Oedipus Rex*, Shakespeare's, *Macbeth*, Dickens: *Oliver Twist*, Thackeray *Vanity Fair*, Flaubert: *Madame Bovary*. Hugo: *The Hunch Back of Notre Dame*, Dostoevsky *Crime and Punishment*, Tolstoy *War and Peace*, Anna Karenina, Chekhov, *Cherry Orchard*, Ibsen *Hedda Gables* and Miller, *Death of a Salesman* and other emerging modern classics such as *Things Fall Apart* and *The Famished Road*.

EGLT 953 LITERATURE AND THE MASS MEDIA

2 Credits

This course focuses on the interface between literary studies and its business-commercial

possibilities which can enable students become self-employable when necessary. The course will be practical in orientation and treat subjects such as the adaptation of classic literary works filmic forms, television and radio, the writing and presentation of literary books, biographic book reviews on newspapers, radio and T.V., public presentation of books, literary text script writing, literary production societies, and related activities. Selected major texts on these subjects will provide the basis of the teaching of the course.

**EGLT 983 METHODS AND TECHNIQUES OF
CRITICAL DISCOURSE**

3 Credits

This course focuses on the analysis of literary text on a higher level of the approaches treated under the course Literary Theory and Criticism in the MA programme. Advanced discussions on topics such as Structuralism, Poetics, Semiology, Semiotics, Reader-Response Theory, Deconstruction, etc.

ENGL/EGLT 970 DOCTORAL SEMINAR I

4 Credits

Seminar I is a presentation by the student aspiring to undertake, the PhD programme, in which he/she proposes the topic of the research to be undertaken, the background of the work, the theoretical framework, literature review, and the aims and objectives for the proposed work. It is also intended to enable the student specify in detail the research methodology, the specific approach(es) to be adopted for the analysis of the data which serve(s) as the basis for the work and the different tasks or actions which are involved to prove and or elucidate the argument of the thesis. In consonance with literary theory and practice the presentation is expected to specify what will be the narrative, poetic, dramatic or stylistic basis of critical analytical approach to be adopted or adapted, whether there will be interviews, questionnaires, textual interpretations and how these will be carried out in consonance with the aims and objectives of the proposed research topic. This seminar is also expected to indicate clearly and convincingly how the work will contribute to the advancement of linguistic and literary knowledge and the relevant ongoing linguistic/literary critical debate.

ENGL/EGLT 980 DOCTORAL SEMINAR II

4 Credits

The skills acquired in Seminar I are brought to bear in this Seminar II. The student is encouraged to present his/her research findings before a panel of colleagues, teacher, and experts invited at the instance of the teacher. In this seminar, the student is expected to elucidate the key aspects of the study undertaken, the methodology adopted, the data analyzed and the key/major findings in relation to the aims and objectives of the research. The seminar should enable the candidate to demonstrate a thorough knowledge of the field of study, exhibit key or quotable statements (the discoveries made) in the course of the research and indicate clearly in what specific ways these (discoveries) are new, interesting, and significant contribution to the study of the subject. Also, the student will have the opportunity to take questions from the panel and demonstrate a creditable ability to answer difficult questions in a logical and coherent academic manner, specifically to prepare the PhD student to direct and harness all requisite knowledge and skills toward engaging in the PhD thesis writing process.

ENGL/EGLT 990 THESIS

16 Credits

This requires the production a project of a suitable length involving the student's original research on a topic approved by the Department and under the supervision of a member of the academic staff of the Department. *The Thesis is to be registered for, over a four semester period.*

DEPARTMENT OF RELIGIOUS STUDIES



DR. EKPENDU, I. C.
HEAD OF DEPARTMENT

POSTGRADUATE DIPLOMA (PGD) IN PASTORAL MINISTRY

OBJECTIVES OF THE PROGRAMME

The objectives of the postgraduate diploma program in Religion and Pastoral Ministry are to:

1. Expose students to the dynamics and specific tasks of pastoral ministry;
2. Clarify the calling and identity of a pastor as well as develop a biblical and theological vision for the pastoral ministry;
3. Provide the students with the requisite tools for biblical hermeneutics that emphasize humanity's salvation through Jesus Christ;
4. Offer appropriate theological and pastoral training for individuals who hitherto had no such training but have a sense of calling to the Gospel ministry or to follow a career path in teaching and research;
5. Facilitate the spiritual formation of the students and to prepare them for leadership responsibilities in the Seventh-day Adventist Church and other willing interests in the propagation of the everlasting gospel.

PHILOSOPHY

The philosophy that undergirds the program is couched in a recognition that God, in His own time and manner, could extend a call into the pastoral ministry to those who currently excel in other human endeavors and professions as was the case with Amos the Prophet (an accomplished farmer) and Paul the Apostle (an accomplished scholar and tent maker) and a host of other ministers in the Bible. It is also noted that such persons may not necessarily need a four-year program in Theology or Christian Religious Studies for effective ministry, hence, this program.

Moreover, the program may also satisfy the yearnings of some who wish to be exposed to theological and/or pastoral training on the basis of personal interest or as a way of pursuing a career path in the theological/pastoral fields of interest.

ADMISSION REQUIREMENTS

Prospective candidates for the PGD Religion and Pastoral Ministry program are expected to fulfill the following admission requirements:

1. Candidates must have obtained a minimum of higher diploma or a first degree (HND/BA/BSc) from a recognized university;
2. Applicants desirous to enter the gospel ministry upon completion of a program must clearly demonstrate evidence of such a calling in personal decorum and attitude. Positive recommendations from the appropriate Church organization would be an added advantage;
3. Candidates must satisfy all other requirements stipulated in the regulations of the Postgraduate College
4. The candidate's admission is predicated on the Department's positive recommendations.

CURRICULUM FOR THE PROGRAM

The PGD program in Religious Studies runs for three (3) semesters; usually from September through July. It could also be run on sandwich mode for three (3) semesters as long as the 58 semester credits distributed over three semesters are satisfactorily completed. Courses taken shall include Biblical Languages, Old Testament, New Testament, Theological Studies, Mission Studies, Church History, Christian Ministry, and a Research Project.

A student must successfully complete a minimum of 58 semester credits with a Cumulative Grade Point Average (CGPA) of 3.00 to qualify for graduation in Religion and Pastoral Ministry.

A breakdown of the courses/units offered is as follows:

Biblical Languages and Studies	-	14 Units
Old and New Testament Studies	-	12 Units
Theological Studies	-	8 Units
Research Methods	-	2 Units
Religious Studies	-	2 Units
Mission Studies	-	2 Units
Church History	-	4 Units
Church Ministries	-	10 Units
Research Project	-	<u>4 Units</u>
Total		<u>58 Units</u>

Course Content for PGD Religion and Pastoral Ministry

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	CORE COURSES			
BIBL 701	Biblical Hebrew	4		
BIBL 702	Beginning Greek		4	
BIBL 703	Intermediate Greek			4
BIBL 713	Introduction to Biblical Interpretation			2
OTST 711	The Pentateuch and the Hebrew Writings	2		
OTST 712	Old Testament Prophetic Books		2	
OTST 722	Apocalyptic Studies: Daniel		2	
NTST 731	Studies in the Gospels	2		
NTST 732	Pauline Epistles		2	
NTST 733	Apocalyptic Studies: Revelation			2
THST 741	Systematic Theology I	2		
THST 742	Systematic Theology II		2	
THST 743	Studies in Contemporary Prophetic Gifts and Ministry	2		
THST 751	Christian Ethics, Spirituality and Faith Formation	2		
RELG 750	Research Methods*		2	
RELS 752	Selected Topics in Comparative Religion		2	
MSSN 753	Introduction to World Mission			2
CHIS 761	Survey of Church History	2		
CHIS 766	History of SDA Church		2	
CHMN 751	Ministerial Practicum	2		
CHMN 761	Pastoral Ministry and Administration	2		
CHMN 762	Biblical Preaching		2	
CHMN 763	Children and Youth Ministry			2
CHMN 773	Principles and Practice of Field Evangelism			2
RELG 790	Research Project*			4
	TOTAL = 58 Credits	20	20	18

** Students offering RELG 750 (being a prerequisite to RELG 790) must choose their Project Topics on or before the 6th week of the 2nd semester; have Supervisors assigned to them and have their titles approved by the end of the course. This is to enable them begin work on their Research Project in advance, given the length of the Summer semester.*

COURSE DESCRIPTIONS

BIBL 701: Biblical Hebrew

4 Credits

This course considers the fundamentals of Biblical Hebrew including a practical vocabulary, an understanding of the grammatical structure of the language, and practice in translation. The aim is to provide the minister with a practical study tool. A laboratory may be required.

Some attention is also given to the development of reading ability in narrative portions of the Hebrew Bible.

BIBL 702: Beginning Greek

4 Credits

Beginning Greek is a course designed to introduce and guide the students to acquire skills in the Elements of grammar and syntax of the *Koine* Greek of the New Testament. Specifically, it focuses on the learning of the Greek Alphabet, rules of accents, conjugation, declension, vocabulary, forms of tenses, moods. The course further exposes the students to the principles of Greek grammar, and introduces the readings and translation from the First Epistle of John and the Gospel of John.

BIBL 703: Intermediate Greek

4 Credits

Intermediate Greek is designed to expose the students to an extensive readings and translations of selected passages from the New Testament and exposes the students to advance grammar and syntax of the *Koine* Greek of the New Testament. It further considers parsing of verbal constructs, identification and analysis of syntactical constructions and translations. *Prerequisite: BIBL 702: Beginning Greek.*

BIBL 713: Introduction to Biblical Interpretation

2 Credits

This course explores the various methods of studying and interpreting the Bible. The process through which an interpreter brings out the original meaning of an ancient Bible text is called exegesis whereas the process through which an interpreter makes the ancient text speak to the contemporary time is called hermeneutics. Consequently, it should be borne in mind that both exegesis and hermeneutics involve rigorous and complex processes. Although there are several methods that are currently employed in biblical interpretation, this course, being introductory in scope, is designed to expose the students to the historical-grammatical method of biblical interpretation as well as equip them with the tools and basic steps that are necessary for undertaking a sound interpretation of especially perceived difficult passages in the OT and NT that are of grave theological significance.

OTST 711: The Pentateuch and Hebrew Writings

2 Credits

A survey of the Pentateuch and study of selected Hebrew historical books, Psalms, and Wisdom Literature. Emphasis is placed on historical events that trace God's plan of salvation for humanity.

OTST 712: Old Testament Prophetic Books

2 Credits

An examination of the prophetic ministry of selected Hebrew oral and written prophets from Joshua up to the 7th century B.C. Prophetic books to be studied shall be announced.

OTST 722: Apocalyptic Studies: Daniel

2 Credits

This course is a study of the book of Daniel on thematic and chapter-by-chapter bases with special focus on the relevance and implications of its content to contemporary Christians

NTST 731: Studies in the Gospels

2 Credits

This course briefly investigates the background to the Four Gospels, the source theories, structure, authorship and audiences and subsequently focuses on the Man, Mission, and Ministry of Jesus Christ as recorded in the gospels.

NTST 732: Pauline Epistles**2 Credits**

This course focuses on a brief survey of how the New Testament background in the first century AD impacted the spread of the Gospel of Jesus Christ, especially through letter writing, with the Book of Acts of the Apostles as the backdrop. This is followed by a historical, exegetical, and thematic study of as many Pauline epistles as can be covered during the semester, but certainly Romans, 1 and 2 Corinthians, Galatians, Philippians, 1 and 2 Thessalonians, and the Pastoral Epistles (1 and 2 Timothy and Titus).

NTST 733: Apocalyptic Studies: Revelation**2 Credits**

This is a study of the construction and content of the book of Revelation. Emphasis is placed on historical events that trace the symbolic imagery of the book and its relevance for the present day bible-believing Christian. This course adopts a combination of exegetical, historical and thematic approach to the study of the book of Revelation. Special attention is given to the interpretation of the apocalyptic imagery and symbols contained in this *special book*, for appropriate and effective application to life, since every person on earth has to take a stand in this controversy.

THST 741, 742: Systematic Theology I, II**2 x 2 Credits**

An introduction to the principles of Biblical Hermeneutics, followed by a systematic and orderly study of the major tenets of the Christian faith such as Revelation/inspiration, the doctrine of God, Christ, the Holy Spirit, the nature of Man, Salvation, the Church, Sabbath and Eschatology.

THST 743: Studies in Contemporary Prophetic Gift and Ministry**2 Credits**

The course surveys the biblical teachings on the gift of prophecy, its function, contemporary relevance and the Seventh-day Adventist understanding of the prophetic ministry of Ellen G. White. References are made to how her prophetic ministry has helped in shaping the development and theology, mission and ministry of the Seventh-day Adventist Church.

THST 751: Christian Ethics, Spirituality and Faith Formation**2 Credits**

This course examines what makes human conduct right or wrong, first from the perspective of certain philosophers, then from the perspective of Judeo-Christian thought. Application is then made to current social issues such as truth-telling, corruption, pre-marital sex, abortion, divorce, same-sex marriage, etc. The role of conscience in decision-making is also underscored. The course emphasizes the importance of spiritual nurture as a basis for appropriate ethical behavior. In a world of confusing and sometimes conflicting claims to morality the course stresses the need for personal spirituality and faith formation from the biblical perspective.

RELG 750: Research Methods**2 Credits**

An introduction to the rudiments of research that will enable students develop the most appropriate methodology for research and how to report their findings. Specifically, students are taught how to choose research topics, develop research designs, gather and process both qualitative and quantitative data as well as draw conclusions that closely approximate with reality. Whereas the course is broad-based, in the sense of exposing students to the basic procedures for carrying out research at the post-graduate level, emphasis will be placed on the fundamentals of religious and theological research to meet the specific needs of the students.

RELS 752: Selected Topics in Comparative Religions**2 Credits**

This course focuses on comparing some theological teachings of African Traditional Religion and Islam with that of the Christian faith with the view of finding common grounds. Aside from mission interests, the basic understanding of these religions would lay the foundation for peaceful co-existence and promote inter-religious harmony, particularly as forged on the anvil of biblical teachings.

MSSN 753: Introduction to World Mission**2 Credits**

A broad introduction to Christian missions including aspects of mission history, the theological foundations of mission, intercultural perspectives of mission service, contemporary theoretical thought about missions, and basic relationships of Christian mission to other faiths.

CHIS 761: Survey of Church History**2 Credits**

An examination of significant events in the history of the Christian Church from the early Church to the modern era. The Awakening which gave rise to the Seventh-day Adventist Movement is also given attention.

CHIS 766: History of SDA Church**2 Credits**

The course explores the cradle and growth of the Seventh-day Adventist Church globally. Considerable attention is given to the arrival and development of the Seventh-day Adventist Church in Africa and Nigeria from 1914 to the present.

CHMN 751: Ministerial Practicum**2 Credits**

A brief introduction to the practical duties of pastoral ministry such as baptism, consecration and dedication services, funerals, weddings, conduct of meetings etc.

CHMN 761: Pastoral Ministry and Administration**2 Credits**

This course is an introduction to pastoral ministry. The Minister is examined in his role as worship leader; church Administrator, Soul-winner, and Spiritual director. Attention is also given to the spirituality of the pastor.

CHMN 762: Biblical Preaching**2 Credits**

The course investigates the crucial nature of expository preaching, stressing proper principles of interpreting and applying the text to practical life. It further requires the student to demonstrate skills in classroom and field preaching.

CHMN 763: Children and Youth Ministry**2 Credits**

The course seeks to expose the student to the dynamics of children and youth ministry. It is an effort to equip those who wish to work as a youth pastor, youth director, secondary school Bible teacher, or in any other youth-training capacity.

CHMN 773: Principles and Practice of Field Evangelism**2 Credits**

Principles, practices and procedures of real-life evangelistic outreach including pre-outreach local congregation revival, team selection and individual/group task assignments, site selection and preparation, message selection and delivery, campaign finance and publicity, follow up strategies and impact assessment. This course further introduces the student to the importance and usage of media and Information and Communication Technology in communicating religious values to the contemporary human society. The demonstration of acquired skills by the student is required. Practical Workshop/Field Practicum is compulsory.

RELG 790: Research Project**4 Credits**

A well-researched project of a suitable length based on the student's understanding of any of the core areas covered in the curriculum under the supervision of a faculty member in the Department. The topic must be approved by the Department in the 2nd semester and the research must follow department's approved format. Prerequisite: RELG 750: Research Methods.

SCHOOL OF LAW AND SECURITY STUDIES



DEPARTMENT OF LAW
Degree in view: LLM, PhD



PREAMBLE

With priority in providing each student with a practical, closely supervised experience that involves the practice of law, drawing on the connection of faith, theory and practice to ensure greater understanding of law and justice, the University runs its law program with highly experienced, God-fearing professional and proven legal authorities. Given that the postgraduate studies in any School of Law is one of the yardsticks for rating the School, the need to establish an

excellent research based centre at the School of Law and Security Studies at Babcock University (BU) offering post-graduate studies in Law stemmed from the high demand for its establishment over the years. The aim of the programme goes beyond producing nominal legal practitioners but crops of lawyers equipped with security expertise, blended with sound Christian background.

The fulcrum of the programme is twofold: to expose students to cutting edge legal scholarship with practical relevance to life and service thereby making our scholars to be in the highest demand in the labour market. The Faculty has the manpower to achieve this innovative goal. Secondly, we offer a Christ-centered programme designed to make our scholars seek to apply the law as the light and the salt of the society.

MASTER OF LAWS (LL.M)

The Master of Laws (LL.M) programme is designed to equip students with broad knowledge of law as well as in the various areas of discipline.

Philosophy

The philosophy of the LL.M is to provide students the opportunity to develop and specialize in highly skilled and research oriented aspects of law not fully studied at the undergraduate level. Through the LL.M programme, both the public and private sectors will be provided lawyers with fortified professional ethics conscience for the provision of best practices academics, advocacy and solicitorship services to society.

Vision Statement: A Bible-based academic and research programme in law, moulding servant-leaders with holistic skills for a changing world.

Mission Statement: Building lawyers for leadership through quality Christian legal education blended with relevant skills to positively impact the society.

Programme Objectives

Generally, the objectives of the course are to:

- a) introduce students to the discipline of scholarship;
- b) expose students to comparative law beyond the restrictive common law;
- c) sharpen students lawyering skills to think creatively, challenge legal norms and identify lacunae in the law and suggest amendments aimed at law reforms;
- d) educate our scholars to engage the public and private sectors to challenge lapses in the making, implementation, administration, practice and adjudication of law and the preservation of society;
- e) build capacity for existing nascent law faculties in Nigeria; and
- f) build ethically-oriented capacity for other formal or informal sectors in Nigeria.

Learning Outcomes

At the end of the programme, graduates of the course would:

- 1) Have in-depth knowledge in a specialized area of Law;
- 2) Be able to initiate, conduct and supervise research in Law;
- 3) Be ready to take up academic positions in research institutions and universities;
- 4) Be ready for leadership positions in both private and public sectors, and in international organisations.

Admission Requirements

The criteria for admission into the LL.M programme are as follows:

- i. Bachelor of Laws degree from an approved university with a minimum of Second

Class Honours Lower Division.

- ii. Law School Certificate (obtained after Bachelor of Laws degree) as evidence of having completed the programme requirements of the Law School, except in exceptional circumstances where a waiver has been given by the appropriate University authorities.
- iii. A minimum of five (5) credit passes, including English Language and Literature in English at not more than two (2) sittings in SSCE/GCE ordinary Level or its equivalent.
- iv. A minimum of two positive references as to character and learning must be submitted by the applicant. At least one of the references must be obtained from the applicant's former lecturers in the Faculty of Law.
- v. The University may, in addition, conduct a qualifying examination for applicants for the purpose of admission.

GRADUATION REQUIREMENT

- I. A student shall be required to register and pass all general and core courses as well as the requisite number of electives and obtain a grade not lower than a C (or a score not less than 50%) in all core departmental courses required for graduation, inclusive of a Masters Dissertation, which must be original research work. The Dissertation carries 6 credits which make a total of 40 credits for the LL.M programme.
- II. To be eligible to sit for examination in a particular course, a student must record at least 75% attendance at lectures, seminars and tutorials delivered for the course.

DEGREE REQUIREMENTS

Students are required to meet the following requirements to be awarded the Master of Laws, LL.M at Babcock University:

- (a) Candidates are required to register and pass all general, core and elective courses required for graduation in line with Babcock University regulations for Postgraduate courses;
- (b) A minimum of 40 credit hours comprised of the following:
 - GEDS courses – 4 credits
 - Core courses – 6 credits
 - Electives - 24 credits
 - Dissertation - 6 credits
 - **TOTAL** - **40 credits**

Other Requirements for Graduation include:

- 1. Candidates are required to register each semester till the conduct of external examination.
- 2. All Masters Students are required to consult with the PG Coordinator for Masters programme for guidance before selection of courses each semester.
- 3. All departmental courses registered for by the students must be passed with a minimum score of 50%.
- 4. Attendance at the Weekly Postgraduate seminar is compulsory for all students throughout the duration of their studentship.
- 5. Upon resumption in the first semester of study in the Department, students are required to submit three proposed dissertation topics (in their area of specialization) for consideration by the PG Committee, after which students are to defend the preferred title at a

- Departmental PG Seminar.
6. On approval of the dissertation title, a Supervisor shall be assigned to each student who will guide the student through the process of executing and writing the dissertation.
 7. On completion of the first three chapters of the dissertation, the student will be scheduled for pre-field seminar presentation following approval by the Student's Supervisor.
 8. Pre-field seminars would be scheduled two weeks after the submission of pre-field materials including CPGS seminar clearance and ethical clearance from Babcock University Health and Research Ethic Committee (BUHREC).
 9. Pre-field seminars are to be graded by the Departmental PG Committee, and after successful presentation, the student is to proceed on field work after effecting all corrections made by the Departmental PG Committee.
 10. A minimum period of two month is required between the date of the pre-field seminar presentation and the Oral Defence which is preceded by the post-field seminar presentation.
 11. On submission of post-field materials approved by the supervisor, post-field seminar would be scheduled, minimum of two weeks from date of submission of all materials including clearance from CPGS.
 12. Students who have not passed all courses will not be allowed to present Post-field seminars.
 13. The Departmental PG Committee would examine the post field materials, and if candidate is successful, such candidate would effect all corrections and recommendations and proceed to oral defence/external examination.
 14. Oral defence would hold on a day fixed by the External Examiner approved by the CPGS, and Supervisors of Students are required to be in attendance. Examinations would not hold in the absence of the Supervisor, except with prior approval of the HOD.
 15. Degrees are deemed to be awarded after students have effected all corrections from the external/oral examination and submitted hard bounded copies of the dissertation.
 16. Departmental clearance would only be given when students have submitted hard bound copies to the HOD.

CURRICULUM FOR MASTER OF LAWS (LL.M)

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem
	GENERAL COURSES		
GEDS 801	Religion, Faith and Morality	2	
GEDS 822	Intermediate Statistics for Humanities		2
	CORE COURSES		
LAWS 800	Biblical Foundation for Law and Justice		3
LAWS 889	Research Methodology in Law	3	-
LAWS 8--	Electives*	12	12
LAWS 890	Dissertation	-	6
	TOTAL = 40 Credits	17	23

** Each student is to take four (4) elective courses (12 credits) in the 1st and 2nd semesters, respectively; eight (8) elective courses (24 credits) in all. The student requires the guidance of the Head of Department and the Departmental PG Coordinator in the selection of courses.*

ELECTIVE COURSES

LAWS 803	International Labour Law I	3	
LAWS 804	International Labour Law II		3
LAWS 805	Comparative Administrative Law I	3	
LAWS 806	Comparative Administrative Law II		3
LAWS 807	IP Law, Innovation and Creative Industries I	3	
LAWS 808	IP Law, Innovation and Creative Industries II		3
LAWS 809	Jurisprudence and Legal Theory I	3	
LAWS 810	Jurisprudence and Legal Theory II		3
LAWS 811	Corporate Finance Law I	3	
LAWS 812	Corporate Finance Law II		3
LAWS 813	Corporate Governance and Responsibility in Finance I	3	
LAWS 814	Corporate Governance and Responsibility in Finance II		3
LAWS 815	Law of Commercial and Consumer Transactions I	3	
LAWS 816	Law of Commercial and Consumer Transactions II		3
LAWS 817	Law of Secured Credit Transactions I	3	
LAWS 818	Law of Secured Credit Transactions II		3
LAWS 819	Comparative Criminal Law and Procedure II	3	
LAWS 820	Comparative Criminal Law and Procedure II		3
LAWS 821	Law of Landlord and Tenant I	3	
LAWS 822	Law of Landlord and Tenant II		3
LAWS 823	Medical Practice Law I	3	
LAWS 824	Medical Practice Law II		3
LAWS 825	Law of International Trade and Investment I	3	
LAWS 826	Law of International Trade and Investment II		3
LAWS 827	Comparative Family Law I	3	
LAWS 828	Comparative Family Law II		3
LAWS 829	Comparative Company Law I	3	
LAWS 830	Comparative Company Law II		3
LAWS 831	Law And Medicine I	3	
LAWS 832	Law And Medicine II		3
LAWS 833	Comparative Constitutional Law I	3	
LAWS 834	Comparative Constitutional Law II		3
LAWS 835	Legislative Process and Legislative Drafting I	3	
LAWS 836	Legislative Process and Legislative Drafting II		3
LAWS 837	Law of Commercial Arbitration, Conciliation and Mediation I	3	
LAWS 868	Law of Commercial Arbitration, Conciliation and Mediation II		3
LAWS 839	Advanced Environmental Law I	3	
LAWS 872	Advanced Environmental Law II		3
LAWS 843	Comparative Conflict of Laws I	3	
LAWS 844	Comparative Conflict of Laws II		3
LAWS 845	International Economic Law I	3	
LAWS 846	International Economic Law II		3

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 801: RELIGION, FAITH AND MORALITY 2 Credits

GEDS 822: INTERMEDIATE STATISTICS FOR HUMANITIES 2 Credits

LAWS 800: BIBLICAL FOUNDATION FOR LAW AND JUSTICE 3 Credits

Biblical foundation for law and justice serves as a bedrock in the building of personal and professional life. The bible itself is an excellent resource or manual for instructions in law and justice as well as in providing the ethical underpinnings for all disciplines, the educational process will flounder in the quick sand of humanistic philosophies, if it not anchored on the timeless, God-given guidelines as enshrined in the Holy Scriptures. Thus, the course is designed to provide the students with the requisite spiritual and moral instructions relating to law and justice and their interconnectedness with the students personal and professional life. While due emphasis will be given to the cognitive aspects of the instructions, the pragmatic nature of the course will be clearly demonstrated. Students will be made to understand that there are Biblical principles relating to law and justice they can employ in daily living. Specific precepts and practices may be identified and drawn from the Bible as they apply to Law and Justice. Students who take the course are expected to imbibe the positive moral attributes of honesty, obedience, integrity, diligence, courage, impartiality, humility, excellence and apply them in their personal and professional lives. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

LAWS 811: CORPORATE FINANCE LAW I 3 Credits

The module will focus on providing an introduction to the different corporate financing options, methods and techniques, with special emphasis on the use of debt and equity, in light of biblical examples. The module is strongly committed to presenting a global and comparative perspective highlighting the contemporary principles and international trends of corporate finance rather than the pointillist and ephemeral details of national rule books.

LAWS 812: CORPORATE FINANCE LAW II 3 Credits

Developing countries vary in size, resource endowments and income levels, but they face similar challenges to access capital for financing development and put it to good use. The module examines through biblical values, the legal framework underpinning the flow of different sources of external capital to developing countries, the terms and conditions upon which capital is provided and its development impact. Topics covered include private sources of capital (debt financing, foreign investment, remittances) and public sources of capital (IMF lending, Development Banks' lending, official development assistance).

LAWS 825: LAW OF INTERNATIONAL TRADE AND INVESTMENT I 3 Credit

The course explains corporate law from both international and comparative perspectives. It critically discusses the main legal structures of corporate organisations across jurisdictions with relevance to international law. It situates corporate law within economic, finance and biblical principles. The course explains corporate law from both international and comparative perspectives. It critically discusses the main legal structures of corporate organisations across jurisdictions with relevance to international law. It situates corporate law within economic, finance and biblical principles.

LAWS 826: LAW OF INTERNATIONAL TRADE AND INVESTMENT II 3 Credit

The module discusses contentious issues on international development finance such as the conditionality attached to financial assistance provided by international financial institutions,

sovereign debt restructure, the policy space conferred by international investment agreements to maximise the development impact of foreign direct investment and aid effectiveness. This module will be particularly attractive to students interested in career paths in international financial institutions, development organizations, consulting firms, government bodies, law firms, commercial banks and NGOs concerned with development finance.

LAWS 833 COMPARATIVE CONSTITUTIONAL LAW 1 I

3 Credits

The Study will be based on the Constitutions of Commonwealth African States but wherever possible references will be made, on a comparative basis, to the Constitutional Laws of Francophone and other African States: The constitutional structure and Development of selected African countries (in outline only). The problems of Constitutional evolution. The problems of Autochthony. Comparative Constitutional Structure of individual States. Federal and Unitary Constitutions: Distribution of power and relations between the Centre and the Units in Federations. Devolution in unitary systems. Diarchy. Cabinet Government.

LAWS 834: COMPARATIVE CONSTITUTIONAL LAW II

3 Credits

The course continues with a review of The Presidential system of Government. The Executive (including the Police, the Armed Forces and the Civil Service). The Legislature, Comparison between Cabinet and Presidential systems of government, Party Systems, Constitutional Safeguards and protections, Bills of Rights, Independence of the Judiciary, Electoral Systems, Public Accountability, Status of the opposition and the abuse of majority powers, Emergency Powers, Procedures for Constitutional Amendments, Judicial Review of the Constitutionality of Legislation, The place of Traditional Institutions in Modern Constitutions: the Problem of their authority, The Problem of Stability, State of Emergency, The Problem of Succession, Coups d'état and their constitutional implications, Regional Cooperation and Sovereignty. Emphasis will be placed on biblical covenants and biblical concept of supremacy of God and His word.

LAWS 835 LEGISLATIVE PROCESS AND LEGISLATIVE DRAFTING 3 Credits

This course will examine congress and parliaments in an age of executive dominance, the elective process and the dynamics of representation. Relationship with the executive and administrative agencies will be reviewed while internal organizations, political parties in the legislative process will be examined.

LAWS 836: LEGISLATIVE PROCESS AND LEGISLATIVE DRAFTING II 3 Credits

The second part of this course will cover Committees in the legislative process as well as Procedures and decision-making on the floor. Congresses and Parliaments in their political environment. Principles of legislative drafting: Pre-drafting clauses, first draft, subsequent draft, formalities; Drafting scheme, language and intention of the legislature, definition, brevity, Short sentences; Consistency with existing law; Precision, legislative audience, style and grammar. Applicable core value – excellence, team spirit.

LAWS 803: INTERNATIONAL LABOUR LAW I

3 Credits

The course involves critical and comparative perspectives of the instruments and international labour law, the respect for the instruments by members of the international community, the challenges in recent times and the dynamics of biblical worldviews of international instruments in a fast changing world.

LAWS 804: INTERNATIONAL LABOUR LAW II

3 Credits

The course involves critical and comparative perspectives of the instruments and international labour law, the respect for the instruments by members of the international community, the challenges in recent times and the dynamics of biblical worldviews of international instruments in a fast changing world.

LAWS 819: COMPARATIVE CRIMINAL LAW AND PROCEDURE I

This course involves a comparative study of substantive aspects of Criminal Law. The purpose of the course is to draw lessons from the comparative advantages of the criminalization of wrongs including offences against persons, property offences, offences against morality, criminal responsibilities, public order offences, economic crimes and techno-crimes like cybercrimes, environmental crimes and terrorism. The Nigerian criminal law will be the mirrored against some other jurisdictions in Africa, North America, Europe, Asia, Australia and South America.

LAWS 820: COMPARATIVE CRIMINAL LAW AND PROCEDURE II 3 Credits

The course offers a comparative study of procedural aspects of Criminal Law. It covers the philosophy of crimes in various jurisdictions especially between crime prevention and crime control approaches. The agencies and processes of the Criminal Justice Systems in different jurisdictions will be critically discussed in comparison to the Nigerian version. These shall include: the Police, the Court Systems, the Prosecutions, the Correctional (Prison) Service Systems; and the INTERPOL and the International Criminal Court.

LAWS 821: LAW OF LANDLORD AND TENANT 1

This course will examine Licences and types of licenses such as bare, contractual, licence acted upon, co-habitees. It will distinguish between licence and lease and examine laws applicable to different types of leases, tenancy at will, periodic tenancy, term certain, service occupancy and service tenancy. Recovery of Premises Law and Rent Control and Recovery of Residential Premises Law will also be examined, with emphasis on creation of leases; part performance, the Rule in *Walsh v Lonsdale*, impact of the Land Use Act on creation of leases; effect of death and assignment on the relationship between landlord and tenant; issues in rent control:

LAWS 821: LAW OF LANDLORD AND TENANT II 3 Credits

The second semester of this course examines the contest between law of economics and statute law; covenants in leases; landlord's obligation to keep premises in habitable state; tenant's obligation to use premises in a husband-like manner; restrictive covenants; covenant against parting with and sharing of possession, subletting and assignment; rent, mesne profits, damages for use and occupation; forfeiture, waiver, relief from forfeiture; jurisdiction of courts; special courts for recovery of possession; procedural issues relating to recovery of possession; recovery of possession through self-remedy; surrender; notice to quit; effluxion of term; merger; seven-day notice; security of tenure - parliamentary intervention to protect tenants; statutory tenancy and tolerated trespassers. Biblical Principles of trust, mutual love and hospitality will be examined.

LAWS 823: MEDICAL PRACTICE LAW I 3 Credits

This is a recent legal foray into innovation and technological and policy development in the health sector. The course enables the student to identify contemporary trends in health development issues and how to regulate them through biblical principles, law and policy. It examines legal, ethical and policy issues affecting health care systems. It focuses on the organization and regulation of health systems, health professionals, manufacturers and distributors of food and drugs and their insurers.

LAWS 824: MEDICAL PRACTICE LAW II 3 Credits

This course continues from last semester to review the rights of patients and their family to their health and to health care system. It promotes public health and the adoption of evidence based strategies for good health including rights relating to the beginning of life, the end of life, death and other human rights issues. It seeks to train students as potential law makers, legal counsellors and policy makers in the health care sector to understand and challenge existing legal, policy and practices in the health care sector. This course will further explore in detail the relationship between medicine, law, the family and biblical mandates. It will concentrate on the following: (1) the impact of medical technologies on the formation of the family, on the definition and the

perception of the family in society and on the rights of the individual family members when assisted reproduction is considered; (2) the involvement of the family when decisions about medical treatment are considered whether the patient is a minor, a competent adult or incompetent to make decisions; and (3) the impact of medicine on the relationship between family members. This involves discussions about the biblical and legal duties family members owe each other and the scope of their rights such as confidentiality and privacy.

LAWS 805: COMPARATIVE ADMINISTRATIVE LAW I

3 Credits

(The syllabus assumes that candidates offering this subject have knowledge of Administrative Law up to LL.B standard):

- i. Definitions of Administrative Law, with particular emphasis on Administrative process:
- ii. Administrative Institutions e.g.
 - a. The Civil Service
 - b. Public Corporations
 - c. The Police and the other agencies of the executive.
- iii. The legislative, administrative and judicial powers of the administration. The importance of the distinction between these arms of government.
- iv. Delegated Authority
 - a. Forms and types
 - b. Legislative control
 - c. Publicity
 - d. Consultation

LAWS 806: COMPARATIVE ADMINISTRATIVE LAW II

3 credits

The second part of the course continues with the following topics:

- v. The judicial and quasi-judicial powers of the Administration.
- vi. Statutory enquiries and Administrative Tribunals. Compulsory Acquisition
- vii. Judicial Control of the Administration
 - a. Judicial: The doctrine of ultra vires, the concept and application of natural justice.
 - b. Legislative: The Public Complaints Commission; Corrupt Practices Investigation Agencies.
 - c. Extra Legal/Public Opinion.
- viii. Proceedings Against the Administration:
 - a. Tort
 - b. Contract
 - c. Other Forms
- ix. Comparative study of control of the Administration:
 - a. French Conseil D'Etat,
 - b. The British Ombudsman.

LAWS 831: LAW AND MEDICINE 1

3 Credits

The course involves advanced study of issues in medical law and practice with emphasis on ethical dilemma in light of biblical mandates. Medical practitioners have rights and obligations just as their patients. The intervention of law in regulating the interaction of the rights and obligations of the practitioner and the patient is covered in this course. The ethical expectations from the practitioners and how they are met will be analysed and compared to other jurisdictions. This course examines the regulation and discipline of healthcare professionals, the development of its law over the years (through canon law) as an established discipline, with its own principles, policy imperatives and specialist jurisprudence, and the far-reaching changes of the past two decades.

LAWS 832-LAW AND MEDICINE 11**3 credits**

The second part of this course examines the concept of “fitness to practice”, the categories of impairment, issues of disclosure, confidentiality and double jeopardy, expert and other evidential matters, the role of the appellate courts, and the impact of biblical values and the Human Rights Act 1998 will form part of a comprehensive, detailed and practical study of the subject. The module will appeal to law graduates, practicing lawyers, healthcare professionals and those seeking to work in a regulatory capacity or to undertake many of the key roles within a healthcare tribunal setting. The student will be introduced to the structure and governance of the regulators and to the law, ethics and practice of their disciplinary processes, along with those of the NHS as well as biblical principles.

LAWS 807: IP LAW, INNOVATION AND CREATIVE INDUSTRIES I 3 Credits

This course illustrates the interaction between intellectual property and innovation in Nigeria as well as the regional level looking at OAPI and ARIPO. The way in which intellectual property law can work as a key instrument of innovation will be explored. In addition enforcement worldwide will be examined and issues relating to all areas of intellectual property will be reviewed. Intellectual property rights will be pushed to new boundaries with the aid of biblical and ethical principles and bring forward the issues of establishing institutions that are aware of protecting innovation and dynamic efficiency.

LAWS 808 IP LAW, INNOVATION AND CREATIVE INDUSTRIES II 3 Credits

This module is on Creative industries: an Overview, Who are the creative industries? Economic contribution, impact on GDP and employment; II Mapping the legal context, The relevant IP rights and the legal instruments supporting them. Part 2 – A Closer Look at the Creative Industries; III Music The different players involved Rights granted under copyright to authors, performers and producers. Relevant trademarks aspects. Protection of authors in international treaties (Berne, TRIPS, WCT). Protection of performers and phonogram producers (Rome, Geneva, TRIPS and WPPT) The artist, manager and record company: the contractual relationships and distribution of content. IV Film Major players in the film creation process Film production process Financing issues. Distribution and exploitation issues. V Publishing, Key players in the publishing industry; VI Miscellaneous: Advertising, Fashion, Photography Collective management and collecting societies. Part 3 – Current Issues and Challenges VII The Protection of Digital Content Online exploitation of music, film and books; VIII Digital Piracy and Online Enforcement Internet service providers.

LAWS 809: JURISPRUDENCE AND LEGAL THEORY 1**3 Credits**

- a) This is advanced jurisprudence and legal theory with the main purpose of intimating postgraduate students with how the theories of the schools of thought in jurisprudence may be applied to research methodology. It introduces the interactions between law, biblical values, principles and technology, critically discussing their implications. The History of Legal Theory and modern schools of thought concerning the nature, origin and function of law in society.
- b) Analysis and evaluation of specified concepts used in Law, to be illustrated, where appropriate, by comparisons between common law and civil law legal systems. The concepts to be examined are the following:
Tort: contract; quasi-contract and restitution; crime (in relation to morals); acts; omissions and involuntary conduct, intention, negligence, recklessness, strict liability, vicarious liability, mistake, malice, abuse of rights, public policy.
- c) Advanced application of Nigerian Customary Law; the Nature of Customary Law generally, Judicial ascertainment of customary law and the doctrine of judicial precedent; customary law and judicial notice. Customary law and the repugnancy doctrine, Codification, restatement, adaptation and unification of customary law.

LAWS 810: JURISPRUDENCE AND LEGAL THEORY II**3 Credits**

This module explores aspects of legal theory in information technology age and law interventions in technological innovations and technoprudence, with the aid of biblical values and principles. It is a continuation of part 1.

LAWS 829: COMPARATIVE COMPANY LAW I**3 Credits**

The course provides an understanding of the company law across jurisdictions in a globalising economic environment. The course traces historical development of concepts relating to company and allied matters in the Bible and in one or more of its place(s) of origin believed to be England, France, Germany and the United States its spread to one or more regions including Africa, China, India, Japan, the Middle East and post-Soviet jurisdictions.

LAWS 830: COMPARATIVE COMPANY LAW II**3 Credits**

This course provides a comparative analysis of recent development in company law in the context of economic and social globalisation, in various jurisdictions, dealing with such issues as the evolution of concepts relating to company and allied matters through the Bible, identifying new enterprise forms (alliances, networks, transnational production chains, private/public partnerships - PPP) and their legal consequences. It may also deal with the application of corporate law to a particular topic.

LAWS 813: CORPORATE GOVERNANCE AND RESPONSIBILITY IN FINANCE I**3 Credits**

In recent years, corporate governance has emerged on the global agenda as a key part of the pursuit of proper and efficient practice in the administration of business entities, and of many other corporate vehicles too. It addresses the relationship between the owners and other stakeholders of a business and those who run that business. The course examines role of the board, the management and shareholders in corporate governance. Hence it considers executive compensation policies, board room structure and practices, corporate disclosure and transparency.

LAWS 814: CORPORATE GOVERNANCE AND RESPONSIBILITY IN FINANCE II**3 Credits**

The core objective of corporate governance is to promote probity in business activity, compliance with the law and regulations, and the securing of reputation and confidence towards the attraction of inward investment. Hence student will be assigned fundamental reading text, case studies associated with each study and will be asked to examine issues from both legal and business perspectives. To promote finance prudence in corporate entity and consider likely financial issues in the governance of corporate bodies, the course also focuses on the role of external and internal auditors and also risk management.

LAWS 815: LAW OF COMMERCIAL AND CONSUMER TRANSACTION I**3 Credits**

This module introduces the concept of e-commerce in terms of regulations of the aspects of business transactions in the Nigerian and other jurisdictions. It deals with legal issues pertaining to e-commerce from a practical, transactional, biblical and multi-jurisdictional perspective, the gaps, conflicts and compliance issues within the current and developing legal framework on e-commerce and to what extent the existing legal framework impacts on new and emerging technologies.

LAWS 816: LAW OF COMMERCIAL AND CONSUMER TRANSACTION II**3 Credits**

The aim of this module is to critically and comprehensively analyse the legal issues pertaining to e-commerce and is addressed to lawyers wishing to act for and advise ebusinesses (and other

information society service providers), whether in private practice or as in-house counsel. The module takes a practical, transactional, biblical and multi-jurisdictional perspective. However, this perspective does not deduct from the academic rigour of this module. The aim is to provide an in-depth analysis and examination of the adequacy of the legal framework to cope with the practical issues raised by e-commerce. In particular, this module will examine where there are gaps, conflicts and compliance issues within the current and developing legal framework on e-commerce and to what extent the existing legal framework impacts on new and emerging technologies.

LAWS 817: LAW OF SECURED CREDIT TRANSACTIONS I 3 Credits

Primarily the module aims to contribute to a critical understanding of the subject matter through the combined study of theories of regulation in general and the corporate dynamics in particular, with a special focus on the different stakeholders involved in international corporate finance.

LAWS 818: LAW OF SECURED CREDIT TRANSACTIONS II 3 Credits

The module will focus on providing an introduction to the different corporate financing options, methods and techniques, with special emphasis on the use of debt and equity, in light of biblical examples. The module is strongly committed to presenting a global and comparative perspective highlighting the contemporary principles and international trends of corporate finance rather than the pointillist and ephemeral details of national rule books.

**LAWS 873: LAW OF COMMERCIAL ARBITRATION
CONCILIATION & MEDIATION I 3 Credits**

The course is designed to equip the students with advanced techniques of arbitration. It covers the nature and object of arbitration, forms of arbitration, arbitration institutions, the arbitration tribunal, powers and duties of arbitration, arbitration proceedings, evidence in arbitration, the awards; recognition of and enforcement of foreign arbitral awards, judicial intervention in arbitration, and essentials characteristic of international commercial arbitration with emphasis on the conciliation and arbitral role of Jesus as our mediator. It covers the advanced alternative dispute resolution, the structure of negotiation, strategy, style and skill: implementing a strategy, psychological and social aspects of bargaining, professional and legal framework for negotiation, the mediation process, the role of the mediator, confidentiality in mediation, and enforcement of mediation agreement.

**LAWS 874: LAW OF COMMERCIAL ARBITRATION
CONCILIATION & MEDIATION II 3 Credits**

The module will seek to provide an understanding of the various dispute resolution processes available to parties in dispute, and to understand the necessity of considering the process which best suits the dispute in light of biblical examples and principles. The module will cover such topics as the nature of conflict, the emergence of disputes, the history of the ADR movement with its attendant debate between informalism and formalism, the adjudication process, the nature of negotiation and their strategies, the mediation process and approaches, the continuum of dispute resolution processes, the relationship between ADR and institutes such as courts, the Nigerian Courts and within the AU.

ADR is a vibrant area of scholarship; it is impossible to give “yes” or “no” answers to most of the issues arising in scholarship. Therefore the module will employ a critical thinking and open discussion approach. It is expected that students will be willing to share the results of their analysis, research and supported opinions, and be involved in active discussion of all issues.

LAWS 839: ADVANCED ENVIRONMENTAL LAW I 3 Credits

This module focuses on international legal and institutional arrangements concerning the management of the environment. It examines both theoretical, biblical and practical dimensions of these arrangements. This module explores some of the most salient aspects of the expanding

area of international environmental law. It examines, in particular, global environmental issues that have risen to the top of the international law and policy agenda in the wake of the 1992 United Nations Conference on Environment and Development (Rio Conference) and the 2002 Johannesburg World Summit on Sustainable Development. The notion of sustainable development occupies an important place in this module. It provides an acknowledgement that environmental law needs to be considered at the same time as social and economic dimensions of development. This broader framework which puts environmental issues in the much broader context of development constitutes the overall framework of reference within which environmental law is to be considered today. This implies, for instance, that many environmental law issues have an important North-South dimension which is considered in this module

LAWS 872: ADVANCED ENVIRONMENTAL LAW II

3 Credits

The module highlights several key aspects of international environmental law. It provides an introduction to the principles of international environmental law (such as the principle of common but differentiated responsibilities and the precautionary principle), issues related to the protection of the environment (hazardous activities, wastes, air pollution), the conservation of the environment (species, biological diversity) in light of biblical mandates and the use/exploitation of environmental resources (trade in animal parts, genetic resources, genetically modified organisms) animal rights and ethical issues arising therefrom. This module also examines questions related to compliance, effectiveness and the enforcement of biblical mandates and international environmental law. This includes, for instance, an examination of liability and redress and compliance mechanisms.

The module further examines environmental issues in their broader context. It thus considers, for instance, the link between human rights and the environment and the link between trade and the environment. It may also consider issues such as links between intellectual property rights and the environment or war and the environment.

LAWS 843: COMPARATIVE CONFLICT OF LAWS I

3 Credits

This course is a set of rules of procedural law which determine the legal system and the law of jurisdiction applying to a given legal dispute. This course is an advanced consideration of the principles of conflict of laws across jurisdictions. In the follow up sequence the course explores internal conflict of laws in Nigeria exploring scriptural themes on conflict and extends same to international disputes and how the conflicts are resolved in biblical days and now.

LAWS 844: COMPARATIVE CONFLICT OF LAWS II

3 Credits

This course will focus on the intra-state and international spheres, conflict of laws problems in Commonwealth African countries and biblical principles applicable to conflict of laws. It will examine the differences and similarities in conflict of laws problems of the leading legal systems of the world. Particular attention will be paid to the United Kingdom, Federal Systems within the commonwealth and the United States in the following area, Domicile (acquisition and loss); Jurisdiction of courts (actions in *personam* and *in rem*, limitation on the exercise of jurisdiction); Renvoi; Torts (law governing liability, choice of law, proper law of tort); Contract (elements of a contract, proper law of a contract, performance, excuse, discharge and damages); Property (characterization of property, Immoveable, Moveables, Intangibles); Family Law (Marriage, Divorce, Custody of children, Marital Property, Legitimation); Administration of Estates and Foreign judgements.

LAWS 845: INTERNATIONAL ECONOMIC LAW I

3 Credits

The module examines the law that governs international economic relations between states and non-state actors. It provides an overview of international agreements and organizations concerned with state conduct affecting trade, foreign investment, finance and monetary stability. It also considers less formal means of international economic governance such as standards, principles and guidelines while emphasising biblical principles that are related to economic

stability. The study of the relevant law is informed by pressing development, environmental and financial stability concerns arising from the globalisation of the world economy and shifts in global economic power.

LAWS 846: INTERNATIONAL ECONOMIC LAW II

3 Credits

The module aims to identify the bible as the foundation and context for further exploration of specific areas of international economic law covered by other modules offered by this programme. The knowledge and skills gained on this course are suitable for careers in government, international organizations, law firms and NGOs concerned with international development, trade, investment and finance.

LAWS 847: COMPARATIVE INTERNATIONAL HUMAN RIGHTS LAW I-

3 Credits

This course serves as a basic introduction to the Bible as the *fons et origo* of International Human Rights law. Most significant and troubling trends in international law and international relations today center on fundamental questions of human rights. The course will acquaint students with every significant aspect of this critical field including its history, theory, and practice particularly the LGBTQ agenda.

LAWS 848: COMPARATIVE INTERNATIONAL HUMAN RIGHTS II

3 Credits

This module examines the international human rights system in its contemporary and biblical context. The module aims to provide students with a broad and critical understanding of: (1) the international legal framework for the protection of human rights; (2) the respective roles of the key institutions and organs that make up the international human rights system, in particular the relevant UN bodies; (3) the response of these actors to current human rights challenges; (4) the major cross-cutting themes and debates in the field.

LAWS 849: LAW OF INTERNATIONAL INSTITUTIONS I

3 Credits

The sources of the Law of International Institutional Institutions; Classification of International Institutions, general principles of International Institution law comprehensive International Institutions.

- i. International institutions in general. Definition; development, legal structures, functions and types.
- ii. International Juridical Institutions:
 - a. International Judicial Institutional with special reference to the permanent Court of Arbitration and the International Court of Justice; the International Criminal Court. The attitude of African countries to these courts. Functions, organisation, jurisdiction, procedure, Awards, Judgments. Advisory opinions and execution.
 - b. International Administrative institutions with special reference to the pre 19th Century international arrangements: functions, memberships, organisation and powers.
 - c. Quasi-legislative international institutions with special reference to conferences; Relevant aspects of the International Labour Organization: functions, membership, organisation, jurisdiction and powers. The attitude of African countries to these institutions.
- iii. Universal International Institutions
The League of Nations and the United Nations Organization: functions, membership, organisations, jurisdiction, powers and procedure.
- iv. Regional International institutions
Regionalism within the universal system, the AU; OCAM; African Technical Organization ; ECOWAS ; the Council of Europe, European Union, Organization on Security and Cooperation in Europe (OSCE), European Coal and Steel Community.
- v. International Organisations, The North Atlantic Treaty Organization; the Arab League.

LAWS 850: LAW OF INTERNATIONAL INSTITUTIONS II**3 Credits**

This course examines Hybrid International Institutions, non-comprehensive International Institutions amongst others. It is a continuation of part 1 of this course.

LAWS 851: AVIATION LAW I**3 Credits**

This course serves as a basic introduction to institutions and organs for the charge and administration of air law with emphasis on God as creator of the airspace, the earth and all that is in it. It will examine sovereignty over air space, air transportation agreements, nonscheduled flights, Paris Agreement 1956, scheduled air service. Multilateral and Bilateral Agreements. Transit rights, traffic rights and ancillary rights, route planning, capacity control and rate fixing, unauthorized entry. It will further examine the legal regime of cre, passenger and cargo, specifically the licenses of personnel, International Standards and Recommended Practices; owners of aircraft, Operators; Aircraft commanders, Crew, entry and clearance regulations, facilitation, cargo restriction, mails and sanitary regulations.

LAWS 852: AVIATION LAW II**3 Credits**

This course explores the biblical values applicable to aviation as well as the legal regime of aircraft with emphasis on definition and classification of aircraft, legal nature of aircraft, state aircraft, and international recognition of rights in aircrafts, nationality and registration, certificate of airworthiness, international standards and recommended practices. Documents to be carried and notices to be exhibited, jurisdiction over aircraft, crimes on board of aircraft, customs, seizures, and arrest. Wreck and Salvage; investigations and accidents. Airport and other facilities, legal regime of trans-frontier broadcasting; legal regime of international communications, air law in time of national emergency and war.

LAWS 853: MARITIME LAW I**3 Credits**

Introduction:

1. History and Sources
2. Delimitation of the Relevant water
Internal Waters, the Territorial Sea and the Contiguous Zone, Rays, harbour works and Roadsteads, International Straight and Waterways. The High Sea and the Sea-bed, the Continental Shelf.
3. The Principle of the Freedom of the Seas:
Ordinary and Extra-ordinary Rights of Jurisdiction in the time of peace, special reference to piracy and the slave-trade, coercive measures short of war, limitations and the Sea-Bed.
4. Users of the High Seas and the Sea-Bed
Navigation, Fisheries, Exploitation of other Natural Resources, Scientific Research and Experiments, Disposal of radioactive waste, Naval Exercises, Pipelines, cable, Mechanical Installation and other users.
5. Jurisdiction over Maritime Areas adjacent to the coast:
The regime of Ports and International Waters, The Regime of Territorial Sea and the Continuous ozone, The Regime of the Continental Shelf, The Right of Hot Pursuit: Ships in distress.
6. Access to the Sea for states without Sea Coast:
Transit between the Sea and a State without a Sea Coast, use of Ports and the Territorial Sea of Neighbouring States, right to sail ships on the High Seas.

LAWS 854: MARITIME LAW II**3 Credits**

This course is a continuation of Part I. It will explore the following issues:

1. The Legal Regime of the Ship:
 - a. Nationality of ships, flags of convenience, warships and other Government owned ships of Non-commercial service, Government owned Merchant ships, privately owned merchant ships, collision, wreck and salvage, stateless ships and pirate ships.

2. The Legal Regime of Crew, Passengers and Cargo:
 - a. Jurisdiction, conditions of Labour, Consular Jurisdiction over Seamen abroad,
 - b. Functional Protection of Seamen.
3. Legal Regime of Carriage by Sea.
4. Rules for securing safety at Sea
 - a. Rules for the prevention of collisions at Sea, Assistance at Sea, Load-Line
 - b. Conventions Pollution, Safety of life at Sea.
5. Maritime Law in time of War
 - a. Prize law and Prize Courts of Maritime Warfare, the Law of Marine Neutrality.
6. International Maritime Institutions:
 - a. Types, Functions, Organizations and Jurisdiction.

LAWS 859: PRINCIPLES OF CIVIL LITIGATION I

3 Credits

This course is mainly concerned with the special problems that arise in litigation resulting from international business transactions. It examines in rem jurisdiction in all its aspects. The following topics will be studied from the biblical perspectives as well as point of view of Nigerian, Commonwealth and American law: judicial jurisdiction over companies, product liability actions, forum-selection clauses, obtaining evidence from abroad, procedural problems, sovereign immunity, enforcement of foreign judgments and international commercial arbitration.

LAWS 860: PRINCIPLES OF CIVIL LITIGATION II

3 Credits

The course continues with comparative analyses of civil litigation in other jurisdictions, international institutions and the enforcement of laws across jurisdictions and the social and legal issues they bring up.

LAWS 855: INTERNATIONAL HUMANITARIAN LAW I

(3 Credits)

International Humanitarian Law (IHL), also known as Law of Armed Conflict, is broadly divided into two segments, the *jus ad bellum* and the *jus in bello*. The first deals with the legality of war, while the second deals with rules regulating the conduct of warfare. International law prohibits the use of force as instruments of inter-state policy, but force or war remains facts of contemporary international life, necessitating legal intervention to regulate its conduct and protect humanity. Topics that will be dealt with include: Introduction; *jus ad bellum* and *jus in bello*; history and scope of IHL; intersection between IHL and international human rights law; main principles of IHL, including the rules of distinction and proportionality; methods in armed conflict; means in armed conflict; protection of prisoners of war; special protection; rules applicable in non-international armed conflict; peace support operation; grave breaches; role of the International Committee of the Red Cross (ICRC); enforcement of IHL and international criminal law

LAWS 856: INTERNATIONAL HUMANITARIAN LAW II

3 Credits

The Law of Geneva Protection of the wounded and sick on land. Protection of the wounded, sick and shipwrecked at sea. Treatment of combatants and Prisoners of War. Protection of civilians during Hostilities; Cultural protection. Means and methods of Warfare; Conventional weapons, Nuclear weapons, Economic warfare. Law of Neutrality. Protection of the Environment. Belligerent Occupation. Nature and Law of Non-international Armed Conflicts, Implementation and Enforcement Mechanisms. Belligerent reprisals, War Crimes Trials. International Law of Naval Warfare. The International Red Cross and its functions. Recent trends in International Humanitarian Law; International Humanitarian Law in Nonstructured Conflicts. Peace-keeping and peace-making operations. African Traditions and International Humanitarian Law; Adoption of National measures for the implementation of International Humanitarian Law.

LAWS 863: ENERGY AND NATURAL RESOURCES LAW I

3 credits

This course will examine the following: History, nature and concept of Energy and Natural Resources law. Ownership of mineral Resources, United Nations approach to mineral

development. Acquisition of oil rights under National legislation. Acquisition of oil rights under contractual joint ventures. It will look at the biblical injunction of ownership of Godgiven natural resources and its utilisation.

LAWS 864: ENERGY AND NATURAL RESOURCES LAW II -3 credits

The second part of this course looks at the Basic laws regarding oil concessioning; legal provisions relating to Oil Exploration Licences, Oil Prospecting Licences and Oil Mining Leases; Oil Revenue Legislation, National Participation in the oil industry. Non-fuels minerals; endangered species and Marine fisheries. The global climate; water supplies; forests; Agricultural land; The protection of the Environment within a biblical premise of the use of the resources of the earth and the consequences of humankind's habit that has destroyed it. Who is to be held accountable and how do we preserve and replenish destroyed natural resources especially within a global framework.

LAWS 889: RESEARCH METHODOLOGY IN LAW 3 Credits

The traditional research methodology in law is doctrinal methodology otherwise known as the black letter until recently it became clear that not all aspects of research in law would fit into that traditional research methodology. This course consists of all aspects of the research design, Units of analysis, multi variant techniques and the manner in which time and change is conceptualized and measured. The multi variant techniques include sampling techniques, simple correlation and other measure of association, analysis of variance, multiple regression and analysis. Basic probability and normal distribution will be thought.

LAWS 890: DISSERTATION 6 Credits

A dissertation on related topics in Law will be conducted by the student, under the supervision of one or two lecturers with relevant experience in the student's selected topic. The completion of the dissertation culminates in an oral defence before a constituted panel including an external examiner who is a PhD holder and meets other CPGS criteria.

CURRICULUM FOR MASTER OF PHILOSOPHY (MPhil) IN LAW

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES				
GEDS 901	Personal and Family Wholeness	2			
GEDS 932	Advanced Statistics for Humanities		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
LAWS 913	Advanced Legal Research Methodology	3			
LAWS 9--	Electives*	6	6		
LAWS 880	MPhil Seminar			3	
LAWS 890	MPhil Dissertation			(8)	8
	TOTAL = 34 Credits	13	10	3	8

** See the List of Elective Courses under the PhD programme.*

DOCTOR OF PHILOSOPHY (PhD) IN LAW

The Doctor of Philosophy programme in Law is designed to equip students with broad knowledge of law and to produce globally competitive legal researchers with solid academic and professional background; facilitated by the inculcation of faith based values, required to meet the manpower needs of industry, public and private sectors, as well as the not-for-profit organizations of Nigerian economy and the global environment.

Philosophy

The philosophy of the programme is to provide both professional and academic education that adheres to the highest standards of scholarship that is relevant to contemporary problem solving mechanism within the general framework of holistic education as formulated in the Seventh Day Adventist philosophy of education.

Vision Statement: A Bible-based academic and research programme in law, moulding servant-leaders with holistic skills for a changing world.

Mission Statement: Building lawyers for leadership through quality Christian legal education blended with relevant skills to positively impact the society.

Programme Objectives

Generally, the objectives of the course will enable graduates to:

- g) have an in-depth knowledge of their areas of specialization;
- h) expose students to comparative law embodying theoretical foundations, principles and application of areas of specialization in solving actual problems;
- i) demonstrate problem solving capacity through critical, innovative and creative connections among diverse areas of law/related disciplines and suggest amendments aimed at law reforms;
- j) have a global perspective of law based on an in-depth understanding of biblical principles, Nigerian and foreign laws so as to challenge lapses in the making, implementation, adjudication of law and the preservation of society;
- k) build capacity for existing nascent law faculties in Nigeria; and
- l) build ethically oriented capacity for other formal or informal sectors in Nigeria.

Learning Outcomes

At the end of the programme, graduates of the course would:

- 1. Have in-depth knowledge in a specialized area of Law;
- 2. Be able to initiate, conduct and supervise research in Law;
- 3. Be ready to take up academic positions in research institutions and universities;
- 4. Be ready for leadership positions in both private and public sectors, and in international organisations.

Admission Requirements

The criteria for admission into the Doctor of Philosophy programme in Law are as follows:

- i. A Master of Philosophy (M.Phil.) degree in Law from an approved university.
OR
- ii. A Master of Laws (LLM) degree from an approved university with research thesis and a weighted course work average which shall normally be not less

- than an average score of 60% or a CGPA of 4.0 (on a 5.0 scale) OR
- iii. A Master of Laws (LLM) degree by course work from an approved university with an average, which should normally be not less than an average score of 60% or a CGPA of 4.0 (on a 5.0 scale).

The criteria for admission into the MPhil Degree programme in Law is:

- i. A Master of Laws (LLM) degree from an approved university with research thesis and a weighted course work average which shall normally be between 55-59%.

The University may, in addition, conduct a qualifying examination for applicants for the purpose of admission into Ph.D. degree programmes.

Graduation Requirements

Students are required to meet the following requirements to be awarded the Doctor of Philosophy of Laws, PhD at Babcock University:

- (a) Complete coursework for the PhD, which shall amount to 46 credits, and the thesis shall amount to 16 credits, for a total of 62 credits. In addition to presentation of seminar in the courses selected, a candidate shall be required to submit and defend an original well-researched thesis on an approved topic.
- (b) Register and pass all general, core and elective courses required for graduation in line with Babcock University regulations for Postgraduate courses, a minimum of 62 credit hours comprised of the following:

▪ GEDS courses	- 8 credits
▪ Core courses	- 14 credits
▪ Electives	- 24 credits
▪ Thesis	- 16 credits
<i>TOTAL</i>	<i>- 62 credits</i>

Other Requirements for Graduation include:

1. Candidates are required to register each semester until the conduct of external examination.
2. All Doctoral students are required to consult with the PG Coordinator of Doctoral programme for guidance before selection of courses each semester.
3. All departmental courses registered for by the students must be passed with a minimum score of 50%.
4. Attendance at the Weekly Postgraduate seminar is compulsory for all students throughout the duration of their studentship.
5. As part of admission requirement, students are required to submit a fully developed, well researched and appropriately documented proposal on a suitable thesis topic in their area of specialization.
6. On approval of the dissertation title, a Supervisor shall be assigned to each student who will guide the student through the process of executing and writing the dissertation.
7. On completion of the first three chapters of the dissertation, the student will be scheduled for pre-field seminar presentation following approval by the Student's Supervisor.
8. Pre-field seminars would be scheduled two weeks after the submission of pre-field materials including CPGS seminar clearance and ethical clearance from Babcock University Health and Research Ethic Committee (BUHREC).
9. Pre-field seminars are to be graded by the School PG Committee, and after successful presentation, the student is to proceed on fieldwork after effecting all corrections made by the School PG Committee.
10. A minimum period of two months is required between the date of the pre-field seminar

- presentation and the post-field seminar presentation for doctoral thesis.
11. On submission of post-field materials approved by the supervisor, post-field seminar would be scheduled, minimum of one month from date of submission of all materials including clearance from CPGS.
 12. Students who have not passed all courses will not be allowed to present Post-field seminars.
 13. The School PG Committee would examine the post field materials, and if candidate is successful, such candidate would effect all corrections and recommendations and proceed to oral defence/external examination.
 14. Oral defence would hold on a day fixed by the External Examiner approved by the CPGS, and Supervisors of Students are required to be in attendance. Examinations would not hold in the absence of the Supervisor, except with prior approval of the Dean.
 15. A minimum period of four weeks is required between the date of receipt of the copy of thesis for review by the external examiner and the date of oral examination of the thesis.
 16. Degrees are deemed to be awarded after students have effected all corrections from the external/oral examination and submitted hard bounded copies of the dissertation.
- Faculty clearance would only be given when students have submitted hard bound copies to the Deans Office.

CURRICULUM FOR DOCTOR OF PHILOSOPHY (Ph.D) IN LAW

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
		1st Sem	2nd Sem	1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 932	Advanced Statistics for Humanities		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
LAWS 900	Biblical Principles for Law and Justice			3			
LAWS 913	Advanced Legal Research Methodology	3					
LAWS 970	Seminar in Law I			4			
LAWS 980	Seminar in Law II - <i>Pro Bono</i> Services				4		
LAWS 9--	Electives*	6	6	6	6		
LAWS 990	Thesis			4	4	4	4
	TOTAL = 62 Credits	13	10	17	14	4	4

** Each student, guided by the Head of Department and the Departmental PG Coordinator is to Students are to take Eight Elective Courses (24 credits in all) as follows:*

- Two (6 credits) in the 1st Semester and Two (6 credits) 2nd semester of First Year (12 credits for the 1st year)*
- Two (6 credits) in the 1st Semester and Two (6 credits) 2nd semester of Second Year (12 credits for the 2nd year)*

LIST OF ELECTIVE COURSES

– offered at 3 credits each in two parts in semester 1 and semester 2

LAWS 911: Advanced Law of International Institutions I	3
LAWS 910: Advanced Law of International Institutions II	3
LAWS 903: Advanced Secured Credit Transactions I	3
LAWS 904: Advanced Secured Credit Transactions II	3
LAWS 923: Contemporary Shipping and Admiralty Law I	3
LAWS 924: Contemporary Shipping and Admiralty Law II	3
LAWS 925: Advanced Law and Technology I	3
LAWS 926: Advanced Law and Technology II	3
LAWS 929: Advanced Law of Commercial Arbitration, Conciliation and Mediation I	3
LAWS 930: Advanced Law of Commercial Arbitration, Conciliation and Mediation II	3
LAWS 931: Current Issues in Corporate Law and Governance I	3
LAWS 932: Current Issues in Corporate Law and Governance II	3
LAWS 935: Contemporary Issues in Medical Law I	3
LAWS 936: Contemporary Issues in Medical Law II	3
LAWS 941: Advanced Comparative Family Law I	3
LAWS 942: Advanced Comparative Family Law II	3
LAWS 949: Advanced Energy Law I	3
LAWS 950: Advanced Energy Law II	3
LAWS 951: Advanced Law of Economic Crimes I	3
LAWS 952: Advanced Law of Economic Crimes II	3
LAWS 957: Advanced International Human Rights Law I	3
LAWS 958: Advanced International Human Rights Law II	3
LAWS 963: Contemporary Issues in Intellectual Property Law I	3
LAWS 964: Contemporary Issues in Intellectual Property Law II	3
LAWS 965: Advanced Comparative Administrative Law I	3
LAWS 966: Advanced Comparative Administrative Law II	3
LAWS 967: Advanced Health Systems Law I	3
LAWS 968: Advanced Health Systems Law II	3
LAWS 971: International Environmental Law I	3
LAWS 972: International Environmental Law II	3
LAWS 975: Comparative Issues in Private International Law I	3
LAWS 976: Comparative Issues in Private International Law II	3
LAWS 977: Cultural Intellectual Property Rights I	3
LAWS 978: Cultural Intellectual Property Rights II	3

COURSE DESCRIPTION

See pages 35-36 for the description of GEDS courses.

GEDS 901: PERSONAL AND FAMILY WHOLENESS 2 Credits

GEDS 932: ADVANCED STATISTICS FOR HUMANITIES 2 Credits

GEDS 911: RESEARCH PROPOSAL AND WRITING 2 Credits

GEDS 912: ADVANCED RESEARCH DESIGN 2 Credits

LAWS 880: MPHIL SEMINAR 3 Credits

This course is designed to teach students how to engage in critical research writing, especially bordering on idea generation, identifying gaps in the body of knowledge and comprehensive

review of literature in their specialized area of interest. It also exposes students to how to write internationally acceptable articles on methodology and design as well as prepares the student toward meaningfully engaging in the process of writing the Dissertation. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

LAWS 890: MPHIL DISSERTATION

8 credits

Independent study of a topic approved by the department under the supervision of a lecturer in the department. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the project work.

LAWS 900: BIBLICAL PRINCIPLES FOR LAW AND JUSTICE

3 Credits

Biblical principles for law and justice serves as a bedrock in the building of personal and professional life. The bible itself is an excellent resource or manual for instructions in law and justice as well as in providing the ethical underpinnings for all disciplines, the educational process will flounder in the quick sand of humanistic philosophies, if it not anchored on the timeless, God-given guidelines as enshrined in the Holy Scriptures. Thus, the course is designed to provide the students with the requisite spiritual and moral instructions relating to law and justice and their interconnectedness with the students personal and professional life. While due emphasis will be given to the cognitive aspects of the instructions, the pragmatic nature of the course will be clearly demonstrated. Students will be made to understand that there are Biblical principles relating to law and justice they can employ in daily living. Specific precepts and practices may be identified and drawn from the Bible as they apply to Law and Justice. Students who take the course are expected to imbibe the positive moral attributes of honesty, obedience, integrity, diligence, courage, impartiality, humility, excellence and apply them in their personal and professional lives. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

LAWS 911: ADVANCED LAW OF INTERNATIONAL INSTITUTIONS I

3 Credits

This involves discourse on contemporary international law issues and globalisation against the constantly changing background of international economic and political policy-making by international and regional institutions. It examines the economic interaction between states as well as the economic relationships between states and non-government entities.

LAWS 910: ADVANCED LAW OF INTERNATIONAL INSTITUTIONS II

3 Credits

Part two of this course focuses on international institutions and the inter-relationship among the various world economic bodies. It will discuss contemporary issues of international relations affecting the global community and its effect on the different developing states in an emerging global world.

LAWS 931: CURRENT ISSUES IN CORPORATE LAW & GOVERNANCE I

3 credits

The course provides an understanding of the company law across jurisdictions in a globalising economic environment. The course traces its historical development in one or more of its place(s) of origin believed to be England, France, Germany and the United States its spread to one or more regions including Africa, China, India, Japan, the Middle East and post-Soviet jurisdictions. It is meant to study recent development in company law in the context of economic and social globalisation, dealing with such issues as the evolution of new enterprise forms (alliances, networks, transnational production chains, private/public partnerships - PPP) and their legal

consequences.

LAWS 932: CURRENT ISSUES IN CORPORATE LAW & GOVERNANCE II

3 credits

The second part of this course deals with the application of corporate law to a particular topic. It introduces students to company options in circumstances of company re-arrangement or economic distress and globalization and discusses each of the available options in company restructuring in a more practical approach. Situations that make a particular option of re-arrangement most appropriate is the focus as well as management and finance.

LAWS 935: CONTEMPORARY ISSUES IN MEDICAL LAW I

3 Credits

The course involves advanced study of issues in medical law and practice with emphasis on ethical dilemma in light of biblical mandates. Medical practitioners have rights and obligations just as their patients. The intervention of law in regulating the interaction of the rights and obligations of the practitioner and the patient is covered in this course. The ethical expectations from the practitioners and how they are met will be analysed and compared to other jurisdictions.

LAWS 936: CONTEMPORARY ISSUES IN MEDICAL LAW II

3 Credits

The course goes on further to explore ethical expectations from the practitioners and how they are met will be analysed and compared to other jurisdictions. It will also discuss current medical issues around the globe. This course will explore in detail the relationship between medicine, law, the family and biblical mandates. It will concentrate on the following: (1) the impact of medical technologies on the formation of the family, on the definition and the perception of the family in society and on the rights of the individual family members when assisted reproduction is considered; (2) the involvement of the family when decisions about medical treatment are considered whether the patient is a minor, a competent adult or incompetent to make decisions; and (3) the impact of medicine on the relationship between family members. This involves discussions about the biblical and legal duties family members owe each other and the scope of their rights such as confidentiality and privacy.

LAWS 941: ADVANCED COMPARATIVE FAMILY LAW I

3 Credits

This course will discuss but is not limited to the following issues:

- (a) The nature and sources of Family Law and succession.
- (b) Marriage: Preliminaries to marriage; statutory marriage: formal and essential validity; void and voidable marriages; customary marriage: capacity, formal and essential validity, statutory regulations relating to customary marriage; Islamic marriage: formal and essential validity. Plural marriages (marrying different persons by different forms); conversion of marriages (marrying the same person by different forms); dissolution of statutory, customary and Islamic marriages; Jurisdiction: State or Federal; choice of law; annulment of marriage and judicial separation. Incidents of marriage; legitimacy, legitimation, adoption, guardianship.

LAWS 942: ADVANCED COMPARATIVE FAMILY LAW II

3 Credits

The course will further look at the following issues from a contemporary point of view. It will also keep in mind the Biblical foundation of family and issues pertaining to the law and family. However, this course is not limited to the discussions stated here as the course will discuss emerging global issues as it affect the family as a whole:

- (a) Succession: Non-Customary succession – intestate succession, testate succession under customary law.
- (b) Financial Relief: Alimony and maintenance.

LAWS 903: ADVANCED SECURED CREDIT TRANSACTIONS I

3 credits

Issues of securities in financial and corporate matters are sensitive. There are grave risks in provision and acceptance of securities in corporate matters. This course is designed to study in

detail the status of different securities in relation to credit providers across jurisdictions with a view to harmonizing them.

LAWS 904: ADVANCED SECURED CREDIT TRANSACTIONS II 3 credits

Distinction between secured and unsecured credits, possessory and proprietary securities; the right of occupancy as security, effect of revocation of the right on the secured creditor and modes of mortgaging land in Nigeria; possessory security such as mortgage and charge; rights and protection of the mortgagor and rights and remedies of mortgagees, mortgagee of chattels such as bills of sale, agricultural charges and hypothecation.

Company securities such as debentures, floating charges on shares, Pledge of land under customary law.

LAWS 949: ADVANCED ENERGY LAW I 3 credits

The laws regulating oil and gas industry, power generation in Nigeria are yet settled. This course introduces students to the existing laws and the challenges in these and other energy related issues in Nigeria comparing them with other jurisdictions.

LAWS 950: ADVANCED ENERGY LAW II 3 credits

The course will continue from part one to also critically discusses contemporary issues in energy production and the search for alternatives particularly clean energy and the implications. These issues will be viewed within the emerging global markets and the sources of energy as it affect developed and developing nations within socio-political indices of developed and developing nations.

LAWS 923: CONTEMPORARY SHIPPING & ADMIRALTY LAW I 3 credits

The course deals with recent developments in shipping and admiralty law in Nigeria and other jurisdictions. It emphasizes current discourse in international maritime and trade practices and regulations. **Introduction:**

1. **History and sources**
2. **Delimitation of the relevant waters**
Internal waters. The Territorial Sea and the Contiguous Zone, Bays, Harbour works and Roadsteads, International Straight and Waterways. The High Sea and the Sea-bed, the Continental Shelf.
3. **The Principle of the Freedom of the Seas:**
Ordinary and Extra-ordinary Rights of Jurisdiction in the time of peace, special reference to piracy and the slave trade, coercive measures short of war; Limitations and the SeaBed.
4. **Users of the High Seas and the Sea-Bed**
Navigation, Fisheries, Exploitation of other Natural Resources, Scientific Research and Experiments, Disposal of radioactive waste; Naval Exercises, Pipelines, cables, Mechanical Installation and other users.
5. **Jurisdiction Over Maritime Areas Adjacent to the Coast:**
The Regime of Ports and Internal Waters. The Regime of the Territorial Sea and the contiguous zone, The Regime of the Continental Shelf, The Right of Hot Pursuit: Ships in distress.

LAWS 924: CONTEMPORARY SHIPPING & ADMIRALTY LAW II 3 credits

This course will continue from part one of the first semester to discuss the following issues:

1. **Access to the Sea for States without sea coasts**
Transit between the Sea and a State without a Sea Coast, use of Ports and the Territorial Sea of Neighbouring States; right to sail ships on the high seas.
2. **The Legal Regime of the Ship:**
Nationality of ships, flags of convenience, warships and other government-owned ships on Non-commercial Service, government-owned Merchant ships, privately-owned merchant ships, collision, wreck and salvage, stateless ships and pirate ships.
3. **The Legal Regime of Crew, Passengers and Cargo:**

- J jurisdiction, conditions of Labour, consular jurisdiction over seamen abroad, Functional Protection of seamen.
- 4. **Legal Regime of Carriage by Sea**
- 5. **Rules for securing Safety at Sea**
Rules for the prevention of Collisions at Sea; Assistance at Sea; Load-time Conventions, Pollution and safety of life at sea.
- 6. **Maritime Law in time of War**
Prize Law and Prize Courts of Maritime Warfare; the law of Maritime Neutrality.
- 7. **International Maritime Institutions:**
Types, Functions, Organization and Jurisdiction.

LAWS 925: ADVANCED LAW AND TECHNOLOGY I

3 credits

This course covers fundamental and biblical aspects of how and why IT technologies are protected. The age of information technology has changed the paradigm of human activities all over the world, the incursion of ICT strides agriculture, biology, medicine, law, media, governance, transportation, etc.

LAWS 926: ADVANCED LAW AND TECHNOLOGY II

3 credits

The course will continue from the first semester. There is need for proper regulations of technology interaction with all human activities in order to curb the excesses. This course will examine information technology transactions, contracts and licences in a variety of area, with emphasis on biblical worldviews relevant to advanced law and technology. The need for proper regulations of technology interaction with all human activities will also be emphasized in order to curb the excesses. Internet technologies are borderless and have enabled an increase in transnational crime, this course will also examine the legal and procedural issues arising from trans-border online crime.

LAWS 929: ADVANCED LAW OF COMMERCIAL ARBITRATION, CONCILIATION AND MEDIATION I

3 credits

History, features and development of Alternative Dispute Resolution Procedure; Disadvantages of Adjudication by the Courts. Alternatives to Dispute Resolution by the courts. Arbitration: the modern arbitral process. Enforcement of Awards. International Commercial Arbitration; submission to arbitration “*Clause Compromissaire*”.

LAWS 930: ADVANCED LAW OF COMMERCIAL ARBITRATION, CONCILIATION AND MEDIATION II

3 credits

The course will further study: Decisions of arbitral tribunals, legal consequences: the International Chamber of Commercial Arbitration, Paris; the London Court of International Arbitration. The New York Convention. The UNCITRAL. National Legislation on Arbitration. Traditional/Customary Arbitration: Commercial; Conciliation, Mediation.

LAWS 963: CONTEMPORARY ISSUES IN INTELLECTUAL PROPERTY LAW I

3 Credits

The way in which intellectual property law can work as a key instrument of innovation will be explored. In addition enforcement worldwide will be examined and issues relating to all areas of intellectual property will be reviewed. Intellectual property rights will be pushed to new boundaries and bring forward the issues of establishing institutions that aware of protecting innovation and dynamic efficiency. The issues that will be examined are:

- a. General survey of forms of industrial and intellectual property. Need for protection; nature of protection; comparative advantages of each form of protection.
- b. **Copyright:**
International conventions. Main works protection viz: Unpublished works, Literary Works, Dramatic and Musical Works, Artistic Works, Sound and TV Broadcasts. Ownership of

copy right viz: Authorship, Joint Authorship, Commissioned works, Employee's works, Assignment, Licenses Infringement of copyright: Remedies for infringement; Copyright and the press.

c. **Trade Marks**

Definition of a trade mark; Right to apply and the application system; registrable marks; Restrictions on registration; Effect of registration, infringement of trade mark; Remedies for infringement.

d. **Patents**

The nature of patentable inventions; International Conventions; Right to apply and the system of application; Opposition and grounds for Revocation; Ownership of patents viz: Coownership.

**LAWS 964: CONTEMPORARY ISSUES IN INTELLECTUAL
PROPERTY LAW II**

3 Credits

This course continues from part one. This course includes the advanced study in the protection of copyright in creative works and the new and emerging creativity including neighbouring rights and performing rights. This course is also devoted to patents, trademarks and designs and technology transfer and the need for Nigeria to make proper use of the laws.

LAWS 967: ADVANCED HEALTH SYSTEMS LAW I

3 credits

This is a recent legal foray into innovation and technological and policy development in the health sector. The course enables the student to identify contemporary trends in health development issues and how to regulate them through law and policy. It examines legal and policy issues affecting health care systems. It focuses on the organization and regulation of health systems, health professionals, manufacturers and distributors of food and drugs and their insurers. It reviews the rights of patients and their family to their health and to health care system.

LAWS 968: ADVANCED HEALTH SYSTEMS LAW II

3 credits

This course promotes public health and the adoption of evidence based strategies for good health including rights relating to the beginning of life, the end of life, death and other human rights issues. It seeks to train students as potential law makers, legal counselors and policy makers in the health care sector to understand and challenge existing legal, policy and practices in the health care sector.

**LAWS 931: CURRENT ISSUES IN CORPORATE LAW
AND GOVERNANCE I**

3 credits

A well-functioning system of corporate governance in financial institutions plays a pivotal role in ensuring their long-term viability and profitability. It also acts as a first line of defence against instances of mis-behaviour, with emphasis on mosaic system of governance. Good corporate governance is also key to financial stability. The module will investigate how financial institutions are governed and controlled, the link between compensation, performance and risk, and whether structural separation in banking (also called ring fencing) will contribute to simplify their governance. The module will also consider the overall spectrum of duties owed by financial companies and the legal consequences in case of breach in comparison with duty to man and God in day-to-day living.

**LAWS 932: CURRENT ISSUES IN CORPORATE LAW
AND GOVERNANCE II**

3 credits

This module is a corporate and financial regulation module analysing transactions using sophisticated methodologies in light of biblical pedagogy. The module will focus on issues such as: due diligence, purchase sale agreements and contractual governance; the role of the board of

directors in an acquisition/financing transaction; the permissibility and regulation of takeover defences in the Nigeria, the US and the EU; the protection of minority shareholders in common law and civil law jurisdictions; the protection of other constituencies such as employees affected by control transactions; and financial assistance regulation in Nigeria, US and the EU. The module is strongly committed to presenting a global and comparative perspective highlighting the contemporary principles and trends of corporate finance rather than the pointillist and ephemeral details of national rule books.

LAWS 951: ADVANCED LAW OF ECONOMIC CRIMES I

3 credits

Nigeria's drive to move away from corruption-ridden system has trumped up the Economic and Financial Crime Commission, which is poised to ensuring accountability and prosecution of unlawful activities in governance and the various financial sectors. The course involves indepth study and analyses of the laws, the prosecution and achievements of the EFCC and other relevant agencies and consider areas of improvement. The following courses may also act as topical guidelines:

1. The Jurisprudence of Crimes.
2. Violent versus Economic Crimes: The Fatality of Needless Dichotomy.
3. Banking Crimes.
4. Insurance Crimes.
5. Assets Declaration by Public Officials.

LAWS 952: ADVANCED LAW OF ECONOMIC CRIMES II

3 credits

The second part of this course will discuss (but is not limited to), the following topics:

1. Dishonoured Cheques Offences.
2. Financial Reporting.
3. Money Laundering.
4. Cyber Crime.
5. Major Anti-Economic and Financial Crimes Statutes and Institutions;
6. Including EFCC, ICPC and FATF.
7. Economic Crimes and Criminal Justice Administration.
8. Identity Theft or Fraud.
9. Counterfeiting.
10. Bunkering.
11. Criminalistic and Digital Currency (Block Chain and Cryptocurrency).

LAWS 919: ADVANCED INTERNATIONAL HUMAN RIGHTS LAW I

3 credits

This module examines the international human rights system in its contemporary and biblical context, linking the Bible as the *fons et origo* of International Human Rights law. The module aims to provide students with a broad and critical understanding of: (1) the international legal framework for the protection of human rights; (2) the respective roles of the key institutions and organs that make up the international human rights system, in particular the relevant UN bodies; (3) the response of these actors to current human rights challenges; (4) the major cross-cutting themes and debates in the field.

LAWS 920: ADVANCED INTERNATIONAL HUMAN RIGHTS LAW II

3 credits

The course continues from last semester to consider the emerging issues in international human rights across the globe. The challenges of terrorism and human rights protection of Internally displaced people as a result of internal conflicts can could have resulted from internal upheaval or external forces. How does the international communities deal with forced migration and human right abuses resulting thereof. The course is designed to be dynamic and should examine emerging human rights issues resulting from contemporary global issues.

LAWS 971: INTERNATIONAL ENVIRONMENTAL LAW I**3 credits**

History, nature and concept of International Environmental Law. The challenges of integrated environmental protection. Basic principles of Environmental Law. The notion of international environmental protection; the concept of pollution; Treaty Law; Customary International Law; activities of international organizations. Rules of responsibility and liability; Current concerns about environmental degradation; global warming, Ozone depletion, widespread desertification, species loss. The work of the World Commission on Environment and Development. The UN Conference on Environment and Development, Rio de Janeiro 1992. The International Atomic Energy Agency (IAEA) Convention on Early Notification of a Nuclear Accident, 1986. The IAEA Convention on Assistance in cases of Nuclear Accident or Radiological Emergency (NARE).

LAWS 972: INTERNATIONAL ENVIRONMENTAL LAW II**3 credits**

The course continues from part one of this course. It will discuss (but is not limited to the following topics: The IMO Convention on Oil Pollution Preparedness. The Geneva Convention of 1979 as amended by the Protocol on Long-term Financing of the Cooperative Programme for Monitoring and Evaluation of the Long range Transmission of Air Pollution in Europe 1984. The Protocol on the Reduction of Sulphur Emission or their Trans boundary Fluxes by at least 30 per cent, 1986. Protocol Concerning the Control of Emission of Nitrogen Oxide or the Trans-boundary Fluxes, 1988. The Montreal Protocol, The Vienna Convention for the Protection of the Ozone Layer, 1985. The Basel Convention, The OAU Convention on the Bar of the Import into Africa and Management of Hazardous Wastes within Africa, Bamako, 1991. The Kyoto Protocol 1997.

LAWS 965: ADVANCED COMPARATIVE ADMINISTRATIVE LAW I**3 credits**

(The syllabus assumes that candidates offering this subject have knowledge of Administrative Law up to LL.B standard. It is a course that requires the student to have the foundational knowledge of Administrative law at undergraduate level. The course will include, but is not limited to:

- (I) Definitions of Administrative Law, with particular emphasis on Administrative process.
- (ii) Administrative Institutions e.g.
 - (a) The Civil Service
 - (b) Public Corporations
 - (c) The Police and the other agencies of the executive.
- (iii) The legislative, administrative and judicial powers of the administration.

LAWS 966: ADVANCED COMPARATIVE ADMINISTRATIVE LAW II**3 credits.**

The course continues from part one to discuss the following topics:

- (i) The importance of the distinction between these arms of government.
- (ii) Delegated Authority
 - (a) Forms and types
 - (b) Legislative control
 - (c) Publicity
 - (d) Consultation.
- (i) The judicial and quasi-judicial powers of the Administration.
- (ii) Statutory enquiries and Administrative Tribunals. Compulsory Acquisition
- (iii) Judicial Control of the Administration
 - (a) Judicial: The doctrine of ultra vires, the concept and application of natural justice.
 - (b) Legislative: The Public Complaints Commission; Corrupt Practices Investigation Agencies.
 - (c) Extra Legal/Public Opinion.
- (iii) Proceedings Against the Administration:
 - (a) Tort
 - (b) Contract

- (c) Other Forms
- (iv) Comparative study of control of the Administration:
 - (a) French Conseil D'Etat,
 - (b) The British Ombudsman

**LAWS 975: COMPARATIVE ISSUES IN PRIVATE
INTERNATIONAL LAW I**

3 credits

The course will focus attention on the intra-state and international spheres. It will examine conflict of laws problems in Commonwealth African countries. In addition to these, there will be an examination of the differences and similarities in Conflict of Laws problems of the leading legal systems of the world. Particular attention will be paid to the United Kingdom, Federal Systems within the commonwealth and the United States in the following areas:

1. Domicile:
 - Acquisition
 - Loss
2. Jurisdiction of Courts
 - Actions *in personam*
 - Actions *in rem*
 - Limitation on the exercise of jurisdiction
3. Renvoi
4. Torts
 - The Law governing liability
 - Choice of Law; the proper law of tort

**LAWS 976: COMPARATIVE ISSUES IN PRIVATE
INTERNATIONAL LAW II**

3 credits

1. Contract:
 - The elements of a contract
 - The choice of Law – the proper law of contract
 - Performance, excuse, discharge and damages
 - Special types of contracts
2. Property:
 - Characterization of Property
 - Immoveable
 - Moveable
 - Intangibles
3. Family Law:
 - Marriage
 - Divorce
 - Custody of Children
 - Marital Property
 - Legitimation
4. Administration of Estates:
5. Foreign Judgments:

**LAWS 977: CULTURAL INTELLECTUAL
PROPERTY RIGHTS I**

3 Credits

Cultural communities and survival; Conceptual perspectives on traditional cultural expressions, biodiversity, traditional knowledge, intellectual property, and the protection of indigenous peoples in international law;

LAWS 978: CULTURAL INTELLECTUAL PROPERTY RIGHTS II

3 Credits

The second part of this course explores ethical issues in cultural property pertaining to indigenous

peoples; Implications of biopiracy for cultural diversity; Cross cultural dialogue on intellectual property rights; Cultural property rights of states (preservation of the object in its original context, public accessibility, and the scientific, historic and aesthetic interests that can be associated with an object).

LAWS 970: SEMINAR IN LAW I

4 credits

A student is expected to choose a topic and apply the principles learnt in research methodology and jurisprudence and legal theory for presentation of the chosen topic in a seminar. Advance seminar series will be organized that will welcome unconventional ideas through intellectual curiosity. In addition, presentations geared towards interdisciplinary discourse will be encouraged among students. Occasionally, resource persons will be invited to share their wealth of experience with the fleeting population of students and faculty members.

LAWS 980: SEMINAR IN LAW II (*PRO BORNO SERVICE*)

4 credits

A student is expected to choose a topic and apply the principles learnt in research methodology and jurisprudence and legal theory for presentation of the chosen topic in a seminar. Advance seminar series will be organized that will welcome unconventional ideas through intellectual curiosity. In addition, presentations geared towards interdisciplinary discourse will be encouraged among students. Occasionally, resource persons will be invited to share their wealth of experience with the fleeing population of students and faculty members

LAWS 990: THESIS

16 credits

This is the final thesis of a research to be independently conducted by the student under the guidance of a supervisor and one or two other lecturers with relevant experience in the student's selected topic. The completion of the thesis culminates in an oral defence before a constituted panel including chaired by the Head of the Department and includes the supervisor and at least an external examiner and an internal examiner. *The Thesis is to be registered for, over a four semester period.*

SCHOOL OF MANAGEMENT SCIENCES



DEPARTMENT OF ACCOUNTING

Degree in View: M.Sc., PhD



PHILOSOPHY

It is the philosophy of the Department of Accounting to provide a high ethical and professionally-based education in Accounting to meet the manpower needs of the academic, private and public sectors as well as non-profit organizations. The programme which is research oriented, will equip

the students with the necessary practical skills and knowledge required to develop a career in research, teaching and development of adequate theories and accounting standards that will meet the requirements of the present and future business environments. The programme will enable the students to equip themselves with IT skills which are indispensable for the destructive technologies and modern accounting information system environment as well as a sound ethical values required by the present complex and dynamic business operations and management.

DEPARTMENT'S VISION STATEMENT

Building globally competitive accounting academics with high integrity and Godliness

DEPARTMENT'S MISSION STATEMENT

Our mission is to produce globally competitive accounting researchers with solid academic and professional background through modern information dissemination, cutting edge research, functional application and ethical values required to meet the manpower needs of industry, public and private sectors as well as the not-for-profit organizations of Nigerian economy and the global environment.

MASTER OF SCIENCE (M.Sc) IN ACCOUNTING

The M.Sc (Accounting) is a programme consisting of course work and a project.

The programme is designed to train both academics and research staff for the public and private sectors.

ADMISSION REQUIREMENTS

To qualify for admission to the Master's programme in Accounting, candidates must: i. Possess a Bachelor's degree with minimum of Second Class (Lower) Division in Accounting of Babcock University or any other approved University. ii. Candidates with at least Second Class (Lower) Division in a related discipline of Babcock University or any other approved University may be offered admission provided they possess in addition, a Post Graduate Diploma in Accounting. iii. Candidates must have met the requirements for admission into the Bachelor degree programme by obtaining Five (5) credits at **not more than two sittings** in English Language, Mathematics and Economics and any other two subjects at SSCE, GCE, NECO or their equivalence. A pass in Economics may be considered provided the candidate has a credit pass in either financial Accounting, Commerce or cost accounting

Graduation Requirements

General Requirement Courses: 4 Credit Units

Core Courses: 36 Credit Units

Elective Course: 4 Credit Units

Dissertation: 6 Credit Units

TOTAL: 50 Credit Units

Course Duration

Regular Semester Module: minimum of three (3) semesters and maximum of five (5) semesters.

Elongated Semester Module: minimum of four (4) semesters and maximum of six (6) semesters.

Probation

Candidate scoring less than 3.00 CGPA at the end of any semester will be placed on probation for the next semester only.

Minimum CGPA for graduation: 3.00

M.Sc ACCOUNTING PROGRAMME

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL REQUIREMENTS			
GEDS 801	Religion, Faith and Morality	2		
GEDS 802	Statistics		2	
	CORE COURSES			
ACCT 800	Christian Accounting Ethics		3	
ACCT 801	Advanced Accounting Theory & Practice	3		
ACCT 812	Advanced Taxation		3	
ACCT 821	Public Sector Accounting and Finance	3		
ACCT 822	Advanced Audit and Assurance		3	
ACCT 826	Advanced Financial Accounting and Reporting		3	
ACCT 831	Quantitative Method & Computer Application	3		
ACCT 841	Research Methodology	3		
ACCT 844	Strategic Financial Management		3	
ACCT 857	Economic Theory and Econometrics	3		
ACCT 861	Advanced Performance Management	3		
ACCT 870	Seminar in Accounting		3	
ACCT 8--	Electives*	2	2	
ACCT 890	Dissertation			6
	TOTAL = 50 Credits	22	22	6

ELECTIVES COURSES

* Students are to choose one (1) elective course each in the first and second semesters that correspond with their intended area of specialization. Guidance from the HOD and PG Coordinator is indispensable in this process. The departmental elective courses are offered at 2 credits each.

ACCT 832 International Accounting	3 credits
ACCT 840 Petroleum Operations Accounting	2 credits
ACCT 850 Forensic Accounting	2 credits
ACCT 872 Human Resources Accounting	2 credits

ELECTIVES TO BE BORROWED BY OTHER PROGRAMMES

ACCT 802 Financial Management	3 Credits
ACCT 862 Financial Accounting	3 Credits

COURSE DESCRIPTION:

See pages 35-36 for the description of all GEDS courses.

GEDS 801:	RELIGION, FAITH AND MORALITY	2 Credits
GEDS 802:	STATISTICS	2 Credits

ACCT 800 CHRISTIAN ACCOUNTING ETHICS**3 Credits**

The genesis of faith based accounting. Biblical and professional concepts of accounting ethics. Biblical principles of trading, profit and loss in business. Historical principles of accounting ethics in business information system. Biblical and professional ethics in accounting and business relationship are emphasized. Importance of adherence to business and ethical norms. Business and accounting misconduct and consequences. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

ACCT 801: ADVANCED ACCOUNTING THEORY & PRACTICE**3 Credits**

Financial Accounting Principles at an Advanced level with high emphasis on the application of theory to practice and researched based on both theory and practices. Examination of contemporary literature on selected topics of current interest to the accounting profession. Attention is also given to the political environment both prepared and published. Pertinent issues on ethics and biblical principles are to be taught. Candidates are to know that as managers or accountants, Christ like virtues are required to be successful leaders.

ACCT 802: FINANCIAL MANAGEMENT**3 Credits**

The Sources of finance, functions of financial management, Discounting and Present Values, Basic Investment Appraisal Techniques, Meaning of IRR,ARR and Payback Period, Interpretation of Accounting Statements. The role of Capital Markets. Utilization of accounting reports. Long and Medium Term Financing (Bonds, Debentures and Consortium).Basic portfolio theory. The course underscores values of integrity in financial management.

ACCT 861: ADVANCED PERFORMANCE MANAGEMENT**3 Credits**

Management accounting at an advanced level, the accounting process and decision making roles and function of management accounting as an information system. Cost volume profit analysis, breakeven analysis and application to management functions and decisions, budgeting and budgetary controls. Profit planning management accounting information and pricing decisions. Performance measurement and evaluation. Case studies in these topics.

ACCT 812: ADVANCED TAXATION**3 Credits**

Issues of tax administration in Nigeria. Problems in the preparation in income tax returns for both individual and companies including the problem of capital allowances. Estates and trusts taxation, double taxation, Taxation of specialized industries, tax planning and management at an advanced level.

ACCT 821: PUBLIC SECTOR ACCOUNTING AND FINANCE**3 Credits**

Study of the accounting for non – profit oriented entities. A thorough study of the ways and means of financing and controlling government funds. Exposure to government budgeting, recording of income and expenditure, auditing procedures through literature. A thorough consideration of relevant IFRS/ any local standard.

ACCT 822: ADVANCED AUDIT AND ASSURANCE**3 Credits**

Development in auditing theory and practice with emphasis on the problems of internal and external auditors in the Nigerian set-up, the constraints of auditors in the public and private sectors. Other topics like the professional ethics, issue of auditor's independence, nature of evidence in the audit. The significance of statistical sampling, problems associated with auditing of computerised systems. Assurance Services and Forensic Accounting Techniques, Impact of the companies Act, the Nigeria Stock Exchange regulations and the Nigerian Statement of Accounting Standard or financial reporting will also be considered.

ACCT 831: QUANTITATIVE METHOD & COMPUTER APPLICATION

3 Credits

Basic elements of decision, condition of uncertainty set theory, probability theory, classical statistics and statistical decision theory. An introduction to computers and applications, steps in system design and implementation of computer – based system, computer programming, computer language, data processing and administration of Management information system.

ACCT 832: INTERNATIONAL ACCOUNTING

3 Credits

This course is designed for students interested in accounting and financial control of international operation, the students should be familiar with the international accounting standards, the course involves preparation, translation and analysis of financial statements for companies that have branches of foreign multinational companies, the course should also examine series of accounting and control problems of foreign companies, methods of transfer of dividends, cost of foreign products, funds for foreign directors. Any other topical issues.

ACCT 840 PETROLEUM OPERATIONS ACCOUNTING

2 Credits

This Course deals with both Upstream and Downstream petroleum operations accounting. Upstream Operations Accounting – General principles of Accounting in the upstream sector; Methods of accounting for upstream operations – full cost and Successful efforts and their applications with regard to cost centre, capitalization of costs, impairments, depreciation, depletion and amortization(DD & A) as well as provisioning for DR & A(Dismantlement, restoration and abandonment); reserves used in amortization, ceiling tests etc. Accounting for unproved property interests, production accounting, conveyances and joint venture/property accounting, accounting for production sharing & service contract agreements; Finding and development costs, replacement costs etc. Consideration of SAS14/IAS Downstream Operations Accounting – Accounting for Refining operations, Marketing/distribution activities and LNG operations. Accumulation and classification of costs; allocation of costs including service department costs; bases of capitalization and depreciation; transfer pricing issues; inventory valuation. Consideration of SAS 17.

ACCT 841: RESEARCH METHODOLOGY

3 Credits

Research study methods applicable to all business fields especially matters involving accounting data. The areas of scientific research, research strategy, model construction, data collection, questionnaire, interview, motivation research, editing job, revision of statistical measurement and analysis of data. Accounting research, with special reference to Nigeria. Ethics in research.

ACCT 844: STRATEGIC FINANCIAL MANAGEMENT

3 Credits

Types of investment decisions, capital budgeting and Investment appraisal, management of Working Capital, share valuation, business combination, financial statement analysis, effect of taxation and other government policies on Investment decisions, Performance Evaluation, Pricing decisions, Capital structure and dividend policy; Portfolio theory, risk management, capital asset pricing model. Any other topical issue.

ACCT 850 FORENSIC ACCOUNTING

2 Credits

This course covers the three core areas of forensic accounting namely, litigation support, expert witnessing and fraud examination. Key topics to be covered include financial and risk analysis, financial fraud understanding, identification, prevention and auditing; interviewing and testimony, expert testimony/witnessing and advocacy, financial crimes and the law, cyber crime and cyber governance, fraud and forensic analysis and investigation reporting.

ACCT 857: ECONOMIC THEORY AND ECONOMETRICS

3 Credits

Definition and scope of econometrics; econometrics research methodology; Stages in an econometric research; properties of an econometric model. Correlation and regression analysis,

measure of linear correlation; numerical values of the correlation coefficient; simple correlation coefficient. Pearson's correlation coefficient; Spearman's rank correlation coefficient; partial correlation coefficient; test of significance in correlation; intercorrelation (multicollinearity) of variables. Regression analysis: Definition of regression; simple linear regression model; multiple regression analysis. Formulation and testing of hypotheses.

**ACCT 826: ADVANCED FINANCIAL ACCOUNTING
AND REPORTING**

3 Credits

Theoretical background of group accounts, preparation of consolidated accounts **Accounting and Reporting Concepts.** Need for regulatory framework and sources of regulation; Form and content of financial reports; IASB framework for financial reporting; Measurement – IFRS 13, Fair Value Measurement, **Presentation of Financial Statements**, IAS 1, IAS 34, IAS 24 and IFRS 8. **Analysis and interpretation of financial statements** Single entities; Group **Accounting Standards**, Introduction and history Structure of IFRS Foundation IFRS 1 – first time adoption of IFRS, **Formulation of Accounting Policies** IAS 8 – Accounting Policies, Changes in accounting estimates and errors. IAS 37 – Provisions, Contingent liabilities and Contingent assets IAS 12 – Taxes. **Revenue Standards**, IAS 11 – construction

Contracts

IAS 18 – Revenues IFRS 15 – Revenue from Contracts with Customers. **Non-Current Assets**

IAS 16 – Property, Plants and Equipment IAS 36 – Impairment of assets IFRS 5 – Noncurrent assets held for sale and discontinued operations. IAS 23 – Borrowing costs IAS 17 –

Leases, **Financial Instruments** IAS 39 – Financial Instruments: Recognition and

Measurement IFRS 7 – Financial Instruments: Disclosures IFRS 9 – Financial Instruments.

Sundry standards IAS 19 – Employee Benefits IAS 38 – Intangible assets IAS 40 – Investment Property

ACCT 862 FINANCIAL ACCOUNTING

3 Credits

Pre-requisite review of Principles of Accounting. Advanced Partnership Accounts, admission and retirement, partners' change of interest, including valuation, and treatment of goodwill and revaluation, assets amalgamation and absorption, conversion of company into partnership, dissolution of partnership, including piecemeal realization, distribution, and conversion of partnership into limited company. The core value of accountability is underscored by the course

ACCT 870: SEMINAR IN ACCOUNTING

3 Credits

These will be presented by students as well as external resource persons. The topics will be drawn from emerging issues/current developments in the field of business and accounting and will cover all the six core areas of specialization namely: financial management, advanced management accounting, Petroleum Accounting, Taxation & Fiscal Policy, and Forensic Accounting. Active participation and contribution of students in other's presentations are important.

ACCT 872: HUMAN RESOURCES ACCOUNTING

3 Credits

Introduction and historical background to Human Resources Accounting; evaluation of human Resources Accounting; treatment from a financial accounting perspective; treatment from a managerial accounting perspective: methods of treatment – acquisition cost, substitution cost, and opportunity cost; acquisition costs and learning costs (costs of personnel recruitment, training and development); replacement costs.

Economic value model: the present value measuring technique; standard cost method (standard costs of recruiting, training and developing per grade of employees are determined annually); Competitive bidding method; non-monetary measures. Human Resources Accounting compliance with current accounting standards (relevancy, verifiability, freedom from bias and quantifiability).

ACCT 890: DISSERTATION**6 Credits**

A research based study and report on an accounting problem area or topic approved by the Department. They should be defended by the students with one external assessor in attendance

MASTER OF PHILOSOPHY (MPhil) IN ACCOUNTING

Candidates seeking admission into the Master of Philosophy (MPhil) in Accounting Programme are usually those who, although hold MSc degree in Accounting, are not qualified for direct admission into the PhD programme because they obtained an average of between 50-54% in their MSc Accounting Programme or a GPA of 3-3.49. In the first category, a candidate in this category who holds an MSc degree in Accounting from Babcock University will be required to run the MPhil degree program without remedial courses.

However, where obvious weakness(es) is (are) established in the candidate's performance in the MSc program, the Department reserves the right to recommend remedial course but not in excess of eighteen (18) credits to remedy such.

In the second category, upon assessment, a candidate in this category who holds an MSc degree in Accounting from other institutions will be required to remedy all deficiencies detected within the duration of the MPhil program. The third category of candidates comprise those with other related degrees such as MSc Finance, Economics, Management and other Social and Management Sciences with a GPA of not less than 3.50. Candidates in this category, upon assessment, will be required to first of all take ALL 800 Level Courses not reflected in their transcript (from the pool of Remedial Courses below) and pass such at a score of not less than 60% before proceeding to take the regular MPhil courses.

M.Phil, ACCOUNTING

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem
	GENERAL REQUIREMENTS				
GEDS 901	Personal and Family Wholeness	2			
GEDS 902	Advanced Statistics		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
ACCT 902	Advanced Research Methodology		3		
ACCT 903	Advanced Financial Accounting Theory	3			
ACCT 905	History and Philosophy of Accounting Thought	3			
ACCT 906	Contemporary Issues in Accounting		3		
ACCT 907	Advanced Auditing Theory	3			
ACCT 921	Advanced Management Theory	3			
ACCT 930	Advanced Taxation and Fiscal Policy		3		
ACCT 934	Advanced Financial Reporting and Ethics		3		
ACCT 880	MPhil Seminar in Accounting			3	
ACCT 890	MPhil Dissertation			(8)	8
	TOTAL = 43 Credits	16	16	3	8

POOL OF REMEDIAL COURSES

ACCT 800	Christian Accounting Ethics (3credits)
ACCT 801	Advanced Accounting Theory and Practice (3credits)
ACCT 861	Advanced Performance Management (3credits)
ACCT 812	Advanced Taxation (3credits)
ACCT 821	Public Sector Accounting and Finance (3credits)
ACCT 822	Advanced Audit and Assurance (3credits)
ACCT 832	International Accounting (3credits)
ACCT 857	Economic Theory and Econometrics (3credits)
ACCT 826	Advanced Financial Accounting/Reporting (3credits)
ACCT 844	Strategic Financial Management (3credits)
ACCT 840	Petroleum Operations Accounting (2credits)
ACCT 872	Human Resources Accounting (2credits)
ACCT 850	Forensic Accounting (2credits)

GRADUATION REQUIREMENTS

- i. Minimum number of Earned Hours for graduation: 43 credit hours. This excludes the number of credit hours accruing from the Required Remedial courses, where applicable
- ii. Minimum number of Years/Semesters for the course: Two years/Four semesters. iii. Minimum residency requirement for graduation: 2 years
- iv. Minimum CGPA: 3.00 points on a 5.00 point grading scale.
- v. MPhil Dissertation: Every MPhil candidate will be required to undertake approved research and produce a Dissertation under the supervision of a qualified senior member(s) of the department.
- vi. Candidate must meet all requirements as stipulated in the regulation of the College of Postgraduate Studies.

DOCTOR OF PHILOSOPHY (PhD) IN ACCOUNTING

AIMS / OBJECTIVES

The PhD Accounting programme is designed to produce high level accounting personnel that can contribute to the development of accounting practice through basic knowledge and skills. This programme will provide the students with a broad and solid basis for acquisition of knowledge and skills in the general principles and practical applications of Accounting. It is a purely research based academic programme.

Specific objectives of the programme include the following:

1. To equip the students with the essential theoretical and practical knowledge and skills needed for research and development in the field of Accounting, and to empower such students with the needed requirements to offer services in teaching, research and leadership.
2. To create the enabling environment for the students to acquire adequate IT skills indispensable for the modern accounting information system environment as well as sound ethical principles/knowledge needed to deal with the challenges of the present complex and dynamic business operations and management.
3. To bridge the wide gap between the manpower requirement in accounting education and the crisis in human capacity created by the brain drain to industrialized economies.

4. To equip Accounting education professionals with analytical, intellectual skills required to rejuvenate accounting practice and training in Nigeria and in the African continent
5. To inculcate in students an awareness of key environmental factors and their impact on managerial/administrative practice and decisions
6. To produce people who will provide effective leadership, at management level, in both the public and private sectors of the economy so as to improve and upgrade the existing and potential manpower need for national development.

ELIGIBILITY/ADMISSION REQUIREMENTS

Candidates seeking admission into the Ph.D programme in Accounting of Department of Accounting must satisfy the general requirements stipulated by the School of Postgraduate Studies of Babcock University. Specifically, admission to Ph.D in Accounting is limited to the holders of the following qualifications:

- (ix) WASC O' Level with credit passes in 5 subjects at a sitting or 6 subjects at two sittings which must include **English Language, Mathematics, Economics and any other business related subjects.**
- (x) A Bachelor of Science Degree in Accounting from Babcock University or any other University accredited by the NUC with at least Second Class Upper Division.
- (xi) M.Sc. (Accounting) degree of Babcock University or any other university recognized by National Universities Commission. Candidates must have obtained at least an average score of 60% or a CGPA of 4.0 (on a 5.0 scale). Except that students who are deficient in some core course from the evaluation of transcripts may be required to take and pass some remedial courses at the MSc Level but such will not count as part of the graduation minimum requirement.
- (xii) Master of Philosophy (M.Phil) in Accounting with at least three points (3.0) on a four points (4.0) Grading scale or three and a half (3.5) points on a five point (5.0) Grading scale or 60% on a percentage grading scale, from Babcock University or any other university recognized by National Universities Commission.
- (xiii) In addition, applicants may be required to sit for qualifying examinations and/ attend an oral interview sessions to determine eligibility.
- (xiv) All applicants for the PhD Accounting shall be required to submit a Synopsis/Proposal on topical area of interest and shall discuss with the Departmental PG Board who will determine sufficient background in the area and identify Lecturers relevant to the selected area. Candidate may be required to change the research topic if it is discovered that there is no senior academic to handle such.

PROGRAMMES OF STUDY AND RESEARCH

- i. The Programmes of studies for the Ph.D. degree course shall be as specified and approved by Senate on the recommendation of the department and Postgraduate School Boards.
- ii. Candidates may be required to undergo and complete satisfactorily, a minimum period of professional/technical attachment or internship during the course or part of the programme of study as shall be approved by Senate on the recommendation of the department and Postgraduate School Boards.
- iii. A candidate shall be required, as directed to undertake a research project and submit a written thesis on a topic approved by the Board on behalf of Senate as a part of the programme of study on the recommendations of the Department.
- iv. A candidate is required to have at least two international publications in high impact journals related to his/her research area before he/she can be listed for graduation.
- v. There must also be a minimum of 70% attendance at graduate seminar paper presentations especially in candidate's area of specialization.

PERIOD OF STUDY FOR Ph.D. DEGREE

- i) The minimum period of study for the Ph.D degree shall be six (6) semesters while the maximum period shall be eight (8) semesters for Regular One and Regular Two Modules. ii) The studentship of a Ph.D. candidate shall lapse if after eight (8) consecutive semesters in Regular Semester Module of study a student had not completed acceptable thesis for the final Ph.D oral examination.
- iii) In all cases after the initial six (6) semesters as stated above, candidates must apply in writing for extension, subject to the maximum duration of eight (8) semesters for the PhD Programme. Failure to apply for extension will result in automatic lapse and candidates may be required to start over in such circumstance. All applications for extension shall be approved by the Departmental PG Board for recommendation to the University Postgraduate Board for approval. The decision of the Postgraduate Board in such circumstances shall be final.
- iv) A Ph.D. candidate whose studentship is due to lapse shall be notified in writing at least one semester before the expiration of the studentship and at the end of such expiration.

GRADUATION REQUIREMENTS

- vii. Minimum number of Earned Hours for graduation: 60 credit hours (including Thesis).
- viii. Minimum number of Years/Semesters for the course: Three years/six semesters.
- ix. Minimum residency requirement for graduation: 3 years
- x. Minimum CGPA: 3.00 points on a 5.00 point grading scale.
- xi. Ph.D Thesis: Every Ph.D candidate will be required to undertake approved research and produce a thesis under the supervision of a qualified senior member(s) of the department.
- xii. Candidate must meet all requirements as stipulated in the regulation of Postgraduate College.

TEACHING AND SUPERVISION ON THE PhD PROGRAMME

In accordance with the NUC BMAS 2014, no person without a PhD from NUC recognised Universities shall be qualified to teach or supervise on the PhD Accounting Programme. In addition, all persons with PhD of less than three (3) years will serve as either Co-Lecturer/coSupervisor but not major on the PhD Programme and shall be under the mentorship of Senior academics. Part-time senior academics from recognised Universities/Research centres can be engaged to assist in mentoring the junior ones except that those senior academics should also possess PhD.

Graduation Requirements General Courses – 8 units

Core Courses – 42 units

Elective Courses – 4units

Thesis – 16 units

TOTAL – 70 units

DESCRIPTION OF COURSES FOR Ph.D IN ACCOUNTING

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR		THIRD YEARS	
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem
	GENERAL REQUIREMENTS						
GEDS 901	Personal and Family Wholeness	2					
GEDS 902	Advanced Statistics		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
ACCT 900	Biblical Principles in Personal and Professional Financial Management			3			
ACCT 902	Advanced Research Methodology		3				
ACCT 903	Advanced Financial Accounting Theory	3					
ACCT 905	History and Philosophy of of Accounting Thought	3					
ACCT 906	Contemporary Issues in Accounting		3				
ACCT 907	Advanced Auditing Theory	3					
ACCT 909	Accounting Software			2			
ACCT 910	Quantitative Analysis & IT Application				2		
ACCT 921	Advanced Management Theory	3					
ACCT 930	Advanced Taxation and Fiscal Policy		3				
ACCT 934	Advanced Financial Reporting and Ethics		3				
ECON 976	Application of Econometric Analysis				3		
ACCT 970	Doctoral Seminar I			4			
ACCT 980	Doctoral Seminar II				4		
ACCT 9--	Electives			4			
ACCT 990	Thesis			4	4	4	4
	TOTAL = 70 Credits	16	16	17	13	4	4

LIST OF ELECTIVE COURSES

To be taken in the 1st Semester of Year 2 in the PhD programme (offered at 2 credits each)

ACCT 911 Strategic Financial Management 2 ACCT 915 Public Sector Accounting and Reporting 2 ACCT 917 Environmental Accounting 2 ACCT 919 Oil and Gas Accounting 2 ACCT 922 Advanced Forensic Accounting 2 ACCT 923 Advanced Theory of Corporate Finance 2 ACCT 937 Advanced Performance Management 2 ACCT 947 Advanced Human Resources Accounting 2

COURSE DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 901: PERSONAL AND FAMILY WHOLENESS 2
Credits

GEDS 902: ADVANCED STATISTICS 2
Credits

GEDS 911: RESEARCH PROPOSAL AND WRITING 2
Credits

GEDS 912: ADVANCED RESEARCH DESIGN 2
Credits

ACCT 880: MPhil SEMINAR IN ACCOUNTING 3
Credits

This course is designed to teach students how to engage in critical research writing, especially bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. It also exposes students to how to write internationally acceptable articles on methodology and design as well as prepares the student toward meaningfully engaging in the process of writing the Dissertation. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

ACCT 890: MPhil DISSERTATION 8 credits
Every MPhil candidate will be required to undertake approved research based study and report on an accounting problem area or topic approved by the Department and produce a Dissertation under the supervision of a qualified senior member(s) of the department. The MPhil dissertation will be defended by the student before a panel chaired by the Head of the Department, with the Supervisor and at least one external assessor in attendance.

ACCT 900: BIBLICAL PRINCIPLES IN PERSONAL AND PROFESSIONAL FINANCIAL MANAGEMENT 3Credits

This course focuses on the genesis of faith based financing; the concept of credits, usury and profits in faith based financing; historical development of faith based financing; comparative studies of financing in other faiths (e.g. Islamic financing, Hinduism, Judaism), project appraisal and fund accounting; administration of church finance. It also emphasizes the accounting and financial management practices of faith-based organizations. Attempt is directed at separating the accounting and financial management of religious establishments from commercial oriented institutions. The course aims to strengthen the teaching and

financial management principles based on the Bible and other faith-based scriptures. The thrust is on the infusion of godliness and morality into the concepts of profit, shareholding, business finance and credit transactions and in project evaluation. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

ACCT 902: ADVANCED RESEARCH METHODOLOGY 3 Credits

Topics covered include the problems of research in developing countries; common errors in research; research in practice: problem identification, literature review, methodology, results (data analysis), discussions, summary, conclusions and recommendations and report writing.

ACCT 903: ADVANCED FINANCIAL ACCOUNTING THEORY 3 Credits Inter-corporate acquisitions and investments in other entities, reporting inter-corporate interests, inter-company transfers of services and non-current asset, inventory transactions and indebtedness, consolidation ownership issues. Multinational accounting; foreign currency transactions, translations, and financial instrument, corporations in financial difficulty, accounting for not-for-profit organizations including schools, universities, and hospitals. Fiduciary accounting, accounting for estates and trusts.

Further work on advanced company accounts including the accounts of banks and insurance companies (IFRS 4), and the Nigerian Insurance Acts. Valuation of goodwill and company shares (IAS 38, IFRS 3). Divisible profits and company dividends. Royalty and hire-purchase accounts. Consolidated and other group accounts (IAS 29 and IAS 33) and other relevant IFRS, IAS and statements of Recommended Practices (SoRP). Emphasis should be on Application, Interpretation and Resolving of controversial issues in the Standards.

Elements of mechanized accounting, including the application of computers and related systems to business accounts. Governmental municipal and public utility accounting, with special reference to Nigerian Organisations.

ACCT 905: HISTORY AND PHILOSOPHY OF ACCOUNTING THOUGHT 3 Credits

Historical development of Accounting, the nature and Scope of accounting and its evolution; the accounting function and its relationship with the information systems of organisations; Accounting procedures and systems; universality of business accounting method; conceptual framework for financial reporting, fairness, disclosure and future trends in accounting, research perspectives in accounting, the events approach, behavioral approach, predictive approach, positive approach, income smoothing and earnings management, alternative asset valuation and income determination models, accounting under monetary instability and market volatility, accounting and economic concepts of income and value, accounting information; the generation of financial accounting data, data processing and double-entry booking.

ACCT 906: CONTEMPORARY ISSUES IN ACCOUNTING 3 Credits

Discussion and articulation of recent developments in the accounting Literature. Examples: Accounting for Intellectual Capital, Creative accounting, Strategic Management Accounting, Responsibility Accounting, e.t.c.

ACCT 907: ADVANCED AUDITING THEORY 3 Credits

Evolution of auditing, procedures with particular reference to internal control systems, internal audit functions; sampling and statistical techniques; auditing standards and guidelines including exposure drafts; post audit review; audit of accounts of solicitors, charitable and other non-trading organizations. Emphasis should be on Application, Interpretation and Resolving of controversial issues in relevant International Auditing Standards (IAS).

ACCT 909: ACCOUNTING SOFTWARE**2Credits**

This course is designed to expose the student to the various Accounting software packages such as SAGE and Quickbook as well as how to post transactional and preparation of final account, using Stage-on-Cloud. What is accounting software? Computerised based management information system. Introduction to Management information System. System analysis and computer system languages. Data processing in accounting software environment. Structure of management information system using accounting software.

ACCT 910: QUANTITATIVE ANALYSIS AND IT APPLICATIONS**2****Credits**

This will involve all topics treated at the MSc level but with a deeper emphasis. Emphasis on IT applications will be computer simulation which is a tool the study of a variety of complex business and social systems. Topics include modelling and management information systems. Other are covered include job shop scheduling; inventory and queuing system and management games.

ACCT 911: STRATEGIC FINANCIAL MANAGEMENT**2 Credits**

This Course prepares Students to advise management and/or clients on complex strategic financial management issues facing an organization. Areas to be covered include the role and responsibility of Organizations towards Stakeholders; Advanced investment appraisal; Acquisitions and Mergers; Corporate Reconstruction and re-organization; Treasury and Advanced financial Management techniques; Emerging issues in finance and financial management (Developments in world financial markets, Financial engineering and emerging derivative Products, Developments in international trade and finance)

ACCT 915: PUBLIC SECTOR ACCOUNTING AND REPORTING 2 Credits

Basis accounting for non-profit organization; basic characteristics 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), IPSAS 24 Emphasis should be on Application, Interpretation and Resolving of controversial issues in the Standards (e.g. IPSAS 1, 2, 11, 13, 23, 28, 29, 30 e.t.c.)

ACCT 917: ENVIRONMENTAL ACCOUNTING**2 Credits**

This course is designed to acquaint the students with the cost impact of the Organization's operations on his environment, the corporate social responsibility and its impact on corporate performance and growth. Case studies and other topical issues will be explored.

ACCT 919: OIL AND GAS ACCOUNTING**2 Credits**

This Course deals with both Upstream and Downstream petroleum operations accounting. Upstream operations accounting – General principles of Accounting in the upstream sector; Methods of accounting for upstream operations – full cost and Successful efforts and their applications with regard to cost centre, capitalization of costs, impairments, depreciation, depletion and amortization(DD & A) as well as provisioning for DR & A(Dismantlement, restoration and abandonment); reserves used in amortization, ceiling tests etc. Accounting for unproved property interests, production accounting, conveyances and joint venture/property accounting, accounting for production sharing & service contract agreements; Finding and development costs, replacement costs etc. Consideration of SAS14/IAS

Downstream Operations Accounting – Accounting for Refining operations,
Marketing/distribution activities and LNG operations.

ACCT 921: ADVANCED MANAGEMENT THEORY**3 Credits**

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

Nigerian context; organizational design and outline; managing group processes; problems of integration and control; managing change and development; modern issues in management theory.

ACCT 922: ADVANCED FORENSIC ACCOUNTING

2 Credits

This course covers the three core areas of forensic accounting namely, litigation support, expert witnessing and fraud examination. Key topics to be covered include financial and risk analysis, financial fraud understanding, identification, prevention and auditing; interviewing and testimony, expert testimony/witnessing and advocacy, financial crimes and the law, cybercrime and cyber governance, fraud and forensic analysis and investigation reporting.

ACCT 923: ADVANCED THEORY OF CORPORATE FINANCE 2 Credits

Introduction to contemporary corporate finance Theory and empirics, Dynamic Quantitative Models, or models of corporate finance, Investment under Uncertainty, Dynamic Capital Structure, Industry Competition, The role of uncertainty and information asymmetry, problems caused by moral hazard and agency relationships, Other financial applications of DCMM., Macrofinance. M&A., Endogeneity in corporate finance, Cross-sectional issues, Structural Estimation.

ACCT 937: ADVANCED PERFORMANCE MANAGEMENT

2

Credits

Management accounting at an advanced level, the accounting process and decision making roles and function of management accounting as an information system. Cost volume profit analysis, breakeven analysis and application to management functions and decisions, budgeting and budgetary controls. Profit planning, management accounting information and pricing decisions. Performance measurement and evaluation and corporate failure; the use of models in decision making; application of research and statistical and planning techniques at an advanced level e.g. linear programming, PERT, learning curve, decision tree. Current developments and emerging issues in management accounting. Case studies in these topics.

ACCT 930: ADVANCED TAXATION AND FISCAL POLICY

3 Credits

This course is designed primarily to expose students to the provisions of the Personal Income Tax Act (PITA) 1993; Companies Income Tax Act (CITA) 2004, and International examining of some tax laws of at least two foreign countries. The Double Taxation Agreement between Nigeria and United Kingdom / Ireland will be discussed.

Key topics to be covered include History of Taxation in Nigeria, the Nigerian Tax System, Value Added Tax, personal Income Tax – Persons Liable, income Chargeable, assessments, objectives and Appeals, companies Income Tax – Persons Liable, Income chargeable, Assessments objectives and Appeals, Personal Income Tax Law and Companies Income Tax Law of Ghana and the United Kingdom, Double Taxation Agreement between Nigeria and the United Kingdom and Ireland, The Fiscal Policy of Government Revenue and Expenditure, Management of the National Debt and any other topical issues. Relevant case studies will be handled.

ACCT 934: ADVANCED FINANCIAL REPORTING AND ACCOUNTING ETHICS

3 Credits

This course deepens the students' understanding of reporting (including recent developments in corporate reporting) and their ability to apply practices to complex situations. Topics covered will include but not limited to the use of complex financial instruments, aggressive earnings management and creative accounting, financial statement analysis, sustainability and CSR reports etc. ethical issues in accounting profession will be discussed in relation to Biblical principles. Topics to be covered include ethical theories, different approaches to ethics and social responsibility, professions and the public interest, professional practice and codes of ethics,

conflicts of interest and the consequences of unethical behavior, ethical characteristics of professionalism, and social and environmental issues in the conduct of business and of ethical behavior.

ACCT 947: ADVANCED HUMAN RESOURCES ACCOUNTING 2 Credits

Introduction and historical background to Human Resources Accounting; evaluation of human Resources Accounting; treatment from a financial accounting perspective; treatment from a managerial accounting perspective: methods of treatment – acquisition cost, substitution cost, and opportunity cost; acquisition costs and learning costs (costs of personnel recruitment, training and development); replacement costs.

Economic value model: the present value measuring technique; standard cost method (standard costs of recruiting, training and developing per grade of employees are determined annually); Competitive bidding method; non-monetary measures. Human Resources Accounting compliance with current accounting standards (relevancy, verifiability, freedom from bias and quantifiability).

ECON 976: APPLICATION OF ECONOMETRIC ANALYSIS 3 Credits

Econometrics analysis represents a new approach to the understanding of econometrics and brings to focus the important development in the theory and practice of econometrics. The course will focus on overview of regression analysis: What is econometrics, What is regression analysis?, the estimated regression equation, two-variable regression model, classical normal linear regression model, steps in applied regression analysis; the classical model-Multicollinearity, Heteroscedacity, Autocorrelation, Econometric modeling; specific topics like Nonlinear Regression Models, Qualitative response regression models, Panel Data Regression Models, Dynamic Econometric Models (autoregressive and distributed-lag models); simultaneous-equation models and time series econometrics; basic statistics and hypothesis testing; forecasting, Forensic problems, forecasting with AIRMA.

ACCT 970: DOCTORAL SEMINAR I 4 Credits

ACCT 980: DOCTORAL SEMINAR II 4 Credits

These will be presented by students as well as external resource persons. The topics will be drawn from emerging issues/current developments in the field of business and accounting and will cover all the six core areas of specialization namely: financial management, advanced management accounting, Oil & Gas Accounting, Taxation & Fiscal Policy, Environmental Accounting and Forensic Accounting. Active participation and contribution of students in other's presentations are important.

ACCT 990: THESIS 16 Credits

This will be an independent study of a relevant topic intended to add new knowledge in the area of specialization. The topic will be approved by the department and the Postgraduate School Research Committee and supervised by assigned lecturers. Students are required to defend the thesis before a committee of examiners set up by the College of Postgraduate Studies. *The Thesis is to be registered for, over a four semester period.*

DEPARTMENT OF BUSINESS ADMINISTRATION AND MARKETING



Programme: Business Administration Degree

in View: PGD, MBA, M.Sc., PhD

Areas of Specialization:

1. Operations/Production Management
2. Entrepreneurship and Small Business Management
3. Human Resources Management
4. Strategic Management

Programme: Marketing

Degree in View: M.Sc., PhD

Areas of Specialization:

1. Strategic Marketing Management
2. Marketing Communication
3. International Marketing
4. Consumer Behaviour

POSTGRADUATE DIPLOMA (PGD) IN MANAGEMENT

The philosophy of the Postgraduate Diploma (PGD) programme in Management is to provide an opportunity for graduates who are interested in taking higher degrees in Business Administration and Marketing. The PGD students will have the opportunity to develop their intellect through theory, practice and the integration of faith and learning in Management.

Objectives of the Programme

1. To equip the students with essential theoretical and practical knowledge and skills needed for research and development in the field of Management, and to empower such students with the needed requirements to offer services in teaching, research and leadership.
2. The program is in complete agreement with the mission of Babcock University, in building the total man through the training of the head, heart and hand for effective leadership of the society and the church.

Admission Requirements

Candidates must have a Bachelor's degree with a minimum of Third Class Division in Finance, Banking & Finance, Economics, Accounting, Business Administration, Marketing or any other acceptable degree from Babcock University, or any other recognized University. Holders of other first degrees than in Management Science or HND (Lower Credit) in any discipline are eligible to apply provided the basic O/L entry requirements are met (Credits in English Language, Mathematics, Economics and two other subjects. Credits in Commerce or Business Methods may be accepted in lieu of Economics). The admission requirements into the undergraduate programmes of the Department also apply.

Course Duration

Minimum of two (2) semesters and maximum of four (4) semesters.

Probation

Candidate scoring less than 3.00 CGPA at the end of any semester will be placed on probation for the next semester only. CGPA for graduation: Minimum of 3.00.

Graduation Requirements

General Courses	4 Units
Core Courses	18 Units
Research Project	4 Units
TOTAL	26 Credit Units

COURSE CONTENT FOR PGD IN MANAGEMENT

COURSE CODE	COURSE TITLE	1st Semester	2nd Semester
	GENERAL COURSES		
GEDS 701	Religion and Society	2	
GEDS 702	Statistics		2
	CORE COURSES		
BSAD 707	Principles of Management I	2	
BSAD 711	Management Theory	2	
BSAD 746	Principles of Economics		2
BSAD 731	Principles of Accounting	2	
MKTG 701	Fundamentals of Marketing	2	
BSAD 753	Research Methods	2	
BSAD 708	Principles of Management II		2
BSAD 721	Business Statistics	2	
BSAD 724	Human Resources Management		2
BSAD 790	Research Project		4
	TOTAL = 26 Credits	14	12

COURSES DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 701 RELIGION AND SOCIETY 2 Credits

BSAD 711 MANAGEMENT THEORY 2 Credits

This course is designed to assist students to achieve the ability to acquire a clear understanding of the role of professionals and academia in emergence of management theories. The course includes an in – depth understanding of the origin and schools of management theory (both traditional and contemporary), relevance and application to operations of organizations. The course also explicate management theory from biblical perspectives

BSAD 721 BUSINESS STATISTICS 2 Credits

The fundamentals of business statistics are presented. Topics may include descriptive statistics, random variables, probability distributions, estimation, hypothesis testing, regression, and correlation analysis. Statistical software is used to assist in the analysis of these problem. The purpose of this course is to provide students with statistical tools needed by managers. The course emphasizes understanding the process associated with statistical decision, defining and formulating problems, analyzing the data, and using the results in decision making.

BSAD 708 PRINCIPLES OF MANAGEMENT II 2 Credits

This is a follow up on Principles of Management one. The different classical functions will be identified and discussed extensively. Different management techniques will be discussed - Re-engineering and TQM etc..

BSAD 731 PRINCIPLES OF ACCOUNTING**2 Credits**

History and development of Accounting, the nature and scope of Accounting, the role of Accounting, Users of Financial Statements, The Accounting functions and its relationship with the information system of organizations, accounting procedure and systems, Basic documentation process, double entry book keeping system, the trial balance, depreciation, disposal, final account of a sole trader, preparation of final accounts, manufacturing, trading profit and loss account, balance sheet for sole proprietorship; & limited liability company. The course underscores values of integrity.

BSAD 707 PRINCIPLES OF MANAGEMENT 1**2 Credits**

The course deals with 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 function and procedures – planning, organizing, directing, controlling etc. The course also focused on the biblical worldview of management.

BSAD 746 PRINCIPLES OF ECONOMICS**2 Credits**

This course introduces economic analysis of individual, business, and industry choices in the market economy. Topics include the price mechanism, supply and demand, optimizing economic behavior, costs and revenue, market structures, factor markets, income distribution, market failure, and government intervention. Upon completion, students should be able to identify and evaluate consumer and business alternatives in order to achieve economic objectives efficiently.

MKTG 701 FUNDAMENTALS OF MARKETING**2 Credits**

This course focuses on the appreciation of functions and channels of marketing and its role in the corporate environment. Major elements of marketing strategy in relation to product development, distribution channels, advertising, sales promotion and pricing are examined in details. The course emphasizes the values of team spirit in achievement of marketing objectives.

BSAD 753 RESEARCH METHODS**2 Credits**

The objective of the course is to introduce the students to scientific enquiry through gathering and analysis of relevant data. The principles of integrity and originality of research are extolled by the course.

BSAD 724 HUMAN RESOURCES MANAGEMENT**2 Credits**

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. The biblical worldview of human resources management is infused into the course.

BSAD 790 RESEARCH PROJECT**4 Credits**

This is an independent study of a researchable topic approved by the department embarked upon by the students. The work is expected to be submitted at the end of the programme. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the research project.

MASTER OF BUSINESS ADMINISTRATION (MBA)

The professional Masters in Business Administration has the following areas of specializations:

- Operations / Productions Management
- Marketing
- Entrepreneurship and Small Business Management
- Strategic Management
- Human Resources Management

Objectives of the Programme

The MBA program of the department has been designed to provide the students with a broad and solid basis for acquisition of knowledge and skills in the general principles and practical vocational applications of Business Administration. It is a professional program. Further and specific objectives of the program include the following:

1. To equip the students with essential theoretical and practical knowledge and skills needed for research and development in the field of Business Administration, and to empower such students with the needed requirements to offer services in leadership.
1. The program is in complete agreement with the mission of Babcock University, in building the total man through the training of the head, heart and hand for effective leadership of the society and the church.

Upon completion of the program, the student will be able to:

effectively manage a marketing/business enterprise. effectively initiate and conduct a research program in the field of Business Management. provide effective leadership, at a management scale, in a public or private enterprise.

Admission Requirements

Candidates for admission into the MBA degree programme of the Department of Business Administration & Marketing should have:

A Bachelor's Degree in Business Administration/Marketing, or any other relevant discipline of Babcock University or any other University or Institution of higher learning approved by the Senate of Babcock University (with Second Class Lower and above).

or

Professional Qualifications such as: ACA, ACCA, ANAN, ACMA, ACIT, AIB, ACIS etc plus first degree will not need to pass through qualifying exam, but must have a minimum of one year work experience. Candidates without prior work experience will have to undergo three months internship in any reputable business organization. The admission requirements into the undergraduate programmes of the Department also apply (Credits in English Language, Mathematics, Economics and two other subjects. Credits in Commerce or Business Methods may be accepted in lieu of Economics).

Candidates may be required to write and pass a qualifying examination before admission. The qualifying examination will usually be a written test in Principles of Management/Marketing, General Knowledge, and Use of English. The examination will be at a standard of the final year class of the B.Sc. (Business/Marketing) degree program.

MASTER OF BUSINESS ADMINISTRATION (MBA) COURSES

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL REQUIREMENTS			
GEDS 801	Religion, Faith and Morality	2		
GEDS 802	Statistics		2	
	CORE COURSES			
BSAD 800	Christian Business Ethics		3	
BSAD 811	Intermediate Business Statistics	3		
ECON 801	Managerial Economics	3		
BSAD 831	Quantitative Techniques and Computer Applications	3		
BSAD 843	Management Theory	3		
BSAD 841	Organization Behaviour	3		
BSAD 845	Postgraduate Business Law	3		
BSAD 859	General Management	3		
BSAD 842	Research Methods		3	
ACCT 802	Financial Management		3	
BSAD 802	Strategic Management		3	
MKTG 862	Advanced Marketing Management		3	
BSAD 852	Intermediate Human Resources Management		3	
BSAD 870	Seminar in Business Administration		3	
BSAD 8--	Specialization Electives*			9
BSAD 890	Dissertation			6
	TOTAL (61 Credits)	23	23	15

** Students are required to take three (3) specialization courses (3 Credits per Course) in their third semester in consultation with the HOD and/or the Course Coordinator.*

SPECIALISATION COURSES (all courses in this section are offered for 3 credits)

Production/Operations Management

BSAD 837	Business TQM and Techniques	3
BSAD 817	Facilities Location Methods	3
BSAD 815	Operations Management	3
BSAD 823	Strategic Decisions in Production Management	3
BSAD 853	Project management	3

Marketing Management

MKTG 832	Marketing Research	3
MKTG 811	Consumer Behaviour	3
MKTG 873	Advertising Management	3
MKTG 801	International Marketing	3
MKTG 831	Marketing Communication	3
MKTG 862	Advanced Marketing Management	3

Entrepreneurship and Small Business Management

BSAD 803	Entrepreneurship Development	3
BSAD 821	Small Scale Business Management	3
BSAD 863	Purchasing and Supplies Management	3
BSAD 873	Feasibility Studies and Marketing Survey	3
BSAD 883	Small Scale Business Accounting	3

Strategic Management

BSAD 875	Business Environment	3
FNCE 851	Corporate Finance	3
BSAD 872	International Business	3
BSAD 881	Business Policy	3
BSAD 861	Comparative and Change Management	3

Human Resources Management

BSAD 839	Organizational Change & Development	3
BSAD 882	Labour Relations and Collective Bargaining	3
BSAD 835	Organizational Design	3
BSAD 877	Theory and Administration of Compensation	3
BSAD 851	Industrial Psychology	3

Security Management

MBSM 820	Enterprise Security Risk Management (ESRM)	3
MBSM 821	Critical Thinking and Intelligence Analysis	3
MBSM 822	Cyber Securities	3
MBSM 823	Management of Private Security	3
MBSM 824	Convergence Security	3
MBSM 825	Information Security and Technology	3

Airline Travel Management

BATM 821	Essential of Airline Training and GDS	3
BATM 823	Fundamental of Airline Operations	3
BATM 829	Aviation Safety and Security	3
BATM 833	General Environment of Travel and Tourism	3

61 Credit Units

The course will examine corporate level strategic planning, formulation of strategy and implementation. Review of current social and political pressures upon the enterprise re-examining the extent to which developed theoretical framework can assist in prediction and policy selection in a negotiated environment of increasing turbulence and discontinuities. The course also focused on the biblical worldview of management.

BSAD 872 INTERNATIONAL BUSINESS 3 Credits

The course deals with an examination of the principles and mechanics involved in the management of multinational corporations, taking particular due cognizance of the concepts of international finance and economics, especially as they affect such corporations across international borders. The course emphasized the core value of excellence.

MKTG 862 ADVANCED MARKETING MANAGEMENT 3 Credits

The course provides the application of various decision making models and to market problem as advertising budget, media planning, sales price allocation and pricing, modern trends in promotion.

BSAD 837 Business TQM & Techniques 3 Credits

The course provides the students with an understanding of quality of quality control and improvement systems. The course includes quality management approaches, design and implementation of quality related procedures and technologies. The course will enhance goods, services and the business environment.

ECON 801 MANAGERIAL ECONOMICS 3 Credits

This course explores the meaning, nature and scope of Managerial Economics, Meaning and Theories of Profit, Objectives of Firms, Some Decision Rules and Tools of Analysis. Optimization: Principles and Techniques. Demand Theory. Demand Analysis: Demand Estimation, and Demand Forecasting, Technique of Estimating a Function – The Regression Analysis. Theory of the Firm: Theories of Production, Cost and Revenue. Market Structure: Output and Price Determination, Linear Programming and Production Analysis, Pricing Strategies and Practices. Long-term Investment Decisions: Capital Rationing. The course also exemplifies the need to act responsibly in decision making activities.

ACCT 802 FINANCIAL MANAGEMENT 3 Credits

The Sources of finance, functions of financial management, Discounting and Present Values, Basic Investment Appraisal Techniques, Meaning of IRR, ARR and Payback Period, Interpretation of Accounting statements, The role of Capital Markets. Utilization of Accounting reports, Long and Medium Term Financing (Bonds, Debentures and Consortium), Basic portfolio theory. The course underscores values of integrity in financial management.

FNCE 851 CORPORATE FINANCE 3 Credits

The course deals with the nature of the firm and corporate objectives, implications of the firm's goal for choice among alternative investment projects (the capital budgeting problem), 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. The course also analyzes financial problems corporations face that result from operating in a market environment. Major topics covered are corporate strategy and the decision to invest, forecasting exchange rates, portfolio diversification, managing exchange risk, taxation issues, cost of capital and financial structure in the multinational firm, and sources of financing. Discussion of corporate financial problems e.g. leasing, mergers, and issuance of new securities are also induced.

MKTG 832 MARKETING RESEARCH 3 Credits

The application of scientific method to the investigation and analysis of marketing problems and decisions on product development, market analysis, promotion, distribution and pricing, Emphasis is on the research process and design, sampling techniques, data collection, analysis and interpretation as well as research evaluation. Through project assignments,

students will learn the use of computer in marketing data analysis. Problems of marketing research in developing country will be highlighted through experimental processes of students undertaking their own research. The principles of integrity and originality of research are extolled by the course.

BSAD 839 ORGANIZATIONAL CHANGE & DEVELOPMENT 3 Credits

This is a practical course that addresses the issues, basic theories and methods associated with organizational change and development in contemporary organizations. In this course, participants will be exposed to a number of organizational issues including, the need for change, why organizations change or fail to change, the legal and regulatory issues associated with change, and how change helps organizations become more competitive and profitable. In this course, participants will be introduced to both historical and contemporary theories and methods of introducing change in organizations, leading change, the ethical issues of surrounding and management techniques for effectively changing an organization. The course also explores the role of leadership in change and how leaders effect change.

In this class, we explore and discuss the need and nature of planning for change, managing change, and measuring change in the context of many different situations, companies and industries. We explore various methods for change, the process steps for changing an organization and different analytical methods associated with assessing, planning, managing and measuring change. The course is oriented to contemporary business topics and students are expected to participate in class. Learning teams, individual assignments, formal cases, and a textbook are used to facilitate knowledge development and transfer. Topics include an introduction to organizational development; change process; organizational change and human resource management; organizational assessments; assessment tools and techniques; organizational interventions; human resource management interventions; and human resource metrics.

BSAD 841 ORGANISATION BEHAVIOUR 3 Credits

The course deals with the intricacies of behavioural variables in organizations, and the managers that run them. It also delves into environmental factors that create or affect such behaviours, interactions of individuals, groups and organization; diversity, emotion and moods, attitude and job satisfaction, personality, group dynamics, communication and conflict management, values and culture, structure, and motivation management. The course equally deals with pertinent issues of biblical principles, ethics and their interactions as well as application in business organizations.

BSAD 843 MANAGEMENT THEORY 3 Credits

This course is designed to assist students to achieve the ability to acquire a clear understanding of the role of professionals and academia in emergence of management theories. The course includes an in – depth understanding of the origin and schools of management theory (both traditional and contemporary), relevance and application to operations of organizations. This course includes the nature of management theory, basic management techniques and concepts, as well as classical and neo-classical theories of organization and management. The modern and systems theories of management are also considered along with theories of motivation, leadership and contingency approach. Management conventions, basics and evaluation of management thought; the management process; current status and future directions The course also explicates management theory from biblical perspectives.

**BSAD 852 INTERMEDIATE HUMAN RESOURCES
MANAGEMENT**

3 Credits

This course explains the nature of human resource development process, show how features of the organization (including leadership and managerial style, organizational culture, organizational climate), and its environment (including social, economic, technological, regulatory and political factors) may influence human resource policies and practices. The course will further demonstrate an understanding of the purposes, main stages, techniques and information sources of human resource planning; staffing, compensation administration, performance appraisal and management, labour relations, workers' health and safety, labour code (law), and education, training and development. The biblical worldview of human resources management is infused into the course.

BSAD 859 GENERAL MANAGEMENT 3 Credits

The course deals with the development of management thought, theories and models of management. Other areas includes the manager and his environment, organization structure and relationships, leadership and motivation, organization development, the management function and procedures – planning, organizing, directing, controlling etc. The course also focused on the biblical worldview of management.

**BSAD 882 LABOUR RELATIONS AND COLLECTIVE
BARGAINING**

3 Credits

The course considers union management relationship and the collective bargaining process. Theories, structure, functions of collective bargaining and tile concepts of bargaining power and conflicts are examined. Empirical studies in the field are surveyed; the development of problem-solving skills; role play, case studies and psychological factors influencing bargaining outcomes, especially use of data and gravities in negotiation are also examined. The core value of integrity embellishes the course.

BSAD 842 RESEARCH METHODS 3 Credits

The course will take students through the methodologies of research concept and implementation. It will essentially cover areas of basic and applied research, surveys, inferential and historical research, experimental and non-experimental research. It will also cover areas of theoretical/conceptual frameworks of proposal writing for grants etc. The principles of integrity and originality of research are extolled by the course.

BSAD 845 POSTGRADUATE BUSINESS LAW 3 Credits

The course focuses on the nature and social functions of law including social control through law and the law of commercial transactions (uniform commercial code) and business organizations Sales, commercial paper, secured transactions; creditors' rights and bankruptcy; agency; business organizations limited and general partnerships, corporations; government regulations with specific cases will be covered as well. The biblical worldview of business law was infused into the course

BSAD 861 COMPARATIVE AND CHANGE MANAGEMENT 3 Credits

This is essentially a study of the different philosophies, Oriental and Western management approaches and styles and their impact on organizational productivity. It also deals with the types and major methods available for managing the process of change in an organization. Emphasis is placed on case studies and group discussions by the students. The course emphasizes the spirit of servant leadership.

BSAD 815 OPERATIONS MANAGEMENT**3 Credits**

Issues in operations strategy, process analysis and the use of data and managerial opinion of making effective propositions to address the questions in the cases, Major economic decision problems of production and operations management; aggregate production and work hour scheduling; multi-plant allocation of products; large scale project control (CPM) and PERT production and inventory control; demand forecasting; quality control, and short run job scheduling; the interaction of production problems with those of other functional areas; queuing theory, dynamic programming, multiple regression and correlation. The course emphasizes the values of team spirit in achievement of operations management objectives.

BSAD 803 ENTREPRENEURSHIP DEVELOPMENT**3 Credits**

Concept and objectives. Objective is to impart knowledge and skills required to start a new business. Analysis of personal efficacy and self-awareness. Personal characteristics of Entrepreneurs. Identification of ideas and venture capital opportunities. Sources and availability of resources; finance, Technology, Manpower, appropriate technology, Government regulations, National and International Regulatory and Support Environment, Marketing Plan, Policy and Strategy, Accounting and keeping Accounts, Financial Statement, Feasibility studies and Project evaluation; Students' business plan. The core value of autonomy and responsibility coupled with integrity is emphasized in the entrepreneurship development course.

BSAD 875 BUSINESS ENVIRONMENT**3 Credits**

The basic objective of the course is to examine the legal, social, tax, political and economic framework which business organizations must operate in the Nigerian environment. The pervasive influence of globalization and reduction of distances between nations, their value systems, language, etc., hence, international business environment will also be explored. Topic to be covered include: The concept, scope and nature of the business environment and environmental scanning, legislations relating to business. Ethical theories of business decisions, social and cultural issues in business. Theoretical and practical issues of the Nigerian political economy which dictates the basis of fiscal and monetary policies, macroeconomic management and business practices. The course emphasizes the core value of excellence

BSAD 821 SMALL SCALE BUSINESS MANAGEMENT**3 Credits**

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.

The course covers small firm characteristics and trend. Start-up situations and development of business plans. Venture and expansion capital, cost and benefits sources in finance, problems and prospects of small business generally and of small scale industries in particular. Case studies of entrepreneurs and small business owners. The course extols the core value of autonomy and responsibility.

MKTG 801 INTERNATIONAL MARKETING**3 Credits**

Development of work markets, methods of marketing, promotion, international marketing management. Analysis of overseas opportunities, conceptual and application issues, problems and perspectives. The course promotes the value of excellence in the workplace.

MKTG 811 CONSUMER BEHAVIOUR**3 Credits**

This course provides opportunity for students to acquire comprehensive understanding of consumer and buyer behaviour and factors influencing that behaviour. Emphasis will be on the measurement of relevant concepts to explain consumer behaviour, attitude formation and change. The course underscores values of excellence.

MKTG 831 MARKETING COMMUNICATION 3 Credits

A subset of the overall subject area of marketing, this course helps to define the organization's relationship with its customers and emphasizes the strategic importance of such relationship. It includes a marketing mix that is made of the product, price, promotion and place. The focus is on the contemporary and evolving trends in marketing communication. The core value of excellence underpins the course.

MKTG 873 ADVERTISING MANAGEMENT 3 Credits

The course will expose the students to various types of advertising, the different advertising management style together with the understanding of advertising regulatory bodies. The core value of team spirit is exemplified by the course.

BSAD 881 BUSINESS POLICY 3 Credits

This course is a holistic approach to the changing corporate terrain of business. It takes a global view and, multidisciplinary perspective of the business world, with a balanced coverage and integration of various environmental factors, tools and functional area courses aimed at developing a central management's view point. Students will be provided with an integrative learning experience that can help them develop strategic environment, knowledge and skills. This subject deals with key elements in strategy, concepts and theories – providing students with an overview of corporate policy and strategy analysis, the relationship between the firm and its environment, strategic choice, the link between strategy and organization of strategic change. Case writing and analysis are fundamental to this course. The servant leadership core value is explicated in the course.

BSAD 817 FACILITIES LOCATIONS METHODS 3 Credits

Theory and method of facility location, plant and warehouse setting, plant layout problems and location of service facilities such as hospital and stations. Cases of actual applications of the theories shall be appraised. The course is underpinned by the core value of excellence.

**BSAD 823 STRATEGIC DECISIONS IN
PRODUCTION MANAGEMENT 3 Credits**

Analysis management decision problems in process design, equipment selection and replacement, selection of materials, project planning and control. The course is predicated on the core values of autonomy and responsibility.

BSAD 853 PROJECT MANAGEMENT 3 Credits

This course deals with the use of production functions to develop work projects, procedures, and methods for institutions, service and industrial operations, controlling costs, providing support services, materials and equipment. Various evaluation techniques will be covered as well. The course extols the biblical principle of probity and accountability.

BSAD 835 ORGANISATIONAL DESIGN 3 Credits

This course takes an in-depth study of organizational processes and structures. The course will deal with developing and understanding the theories or approaches to the design of organizations where design is defined primarily in terms of structure and requisite processes of coordination and information processing. It will also cover organizational planning and design decisions and successful implementation of strategic and short-term aims of the organization. The principle of excellence was underscored in the mode of delivery of the course.

**BSAD 877 THEORY AND ADMINISTRATION
OF COMPENSATION 3 Credits**

Examination of the determinants of wage levels, wage structures and individual wages, analysis of the impact of wages on work attitude and performance in organizations. The spirit of servant leadership is emphasized by the course.

BSAD 851 INDUSTRIAL PSYCHOLOGY 3 Credits

The nature of work and organizations, individual and group behavior, personnel selection, personnel testing in organizations, performance appraisal, training in industrial organizations, problems of personnel training, managerial psychology, leadership and supervision, motivation, morale and other socio-economic behaviour of the workers in public administration. The spirit of servant leadership is also emphasized by the course.

BSAD 863 PURCHASING AND SUPPLIES MANAGEMENT 3 Credits

The course provides a comprehensive introduction to the purchasing and supply chain management field. The students will be exposed to different case studies covering supply chain issues in a variety of settings. Decision making through the supply chain will be studied. The course is predicated on the core values of integrity and accountability.

**BSAD 873 FEASIBILITY STUDIES AND
MARKETING SURVEY 3 Credits**

The course exposes the students to the methods of analyzing a variety of potential investment scenarios and assess both pros and cons of such decisions. Essentially, it will teach the students on how to identify market competitions, potential markets, conduct market analysis and application to areas of business ideas. The course is embellished with the excellent core value.

BSAD 883 SMALL SCALE BUSINESS ACCOUNTING 3 Credits

The course will expose students to classic financial measure. The balance sheet, profit and loss account, cash flow statement, trial balance etc. Student's capability to present information meaningful for business management decision. The core value of autonomy and responsibility coupled with integrity is emphasized in the course delivery.

BSAD 811 INTERMEDIATE BUSINESS STATISTICS 3 Credits

The fundamentals of business statistics are presented. Topics may include descriptive statistics, random variables, probability distributions, estimation, hypothesis testing, regression, and correlation analysis. Statistical software is used to assist in the analysis of these problems. The purpose of this course is to provide students with statistical tools needed by managers. The course emphasizes understanding the process associated with statistical decision, defining and formulating problems, analyzing the data, and using the results in decision making.

BSAD 870 SEMINAR IN BUSINESS ADMINISTRATION 3 Credits

Each student shall be expected to present two seminar papers on approved topical issues of relevance to the Nigeria economy. In addition the research writing style for the purpose of their research project will be taught.

BATM 821 ESSENTIALS OF AIRLINE TRAINING AND GDS 3 Credits

The basic objective of the course is to expose the trainees to the History and Overview of GDS, Introduction to Reservation System, practical approach to Sales of Air Segment, Creating PNR, PNR Modification and Display PNR Parts etc. Also, viewing channels of Pricing/Fare Quoting, Profiles, History and Action Codes, more emphasis on Queues, Queues Spectra, Baggage Agreement, processes of Airline Ticketing, Re-Issue, Re-Validation and Refund, Hotel and Modification. Introduction of Fundamentals of Global Distribution System and Other Non-Air Reservation.

BATM 823 Fundamental of Airline Operations 3 Credits

Is an essential study of the different Economics of Airline Operation, Direct Operating Cost/Aircraft Type, Load factor and load sheet computation, Fares Computation which is Inclusive Operating Cost. Exposure to Basic Aviation Laws and Convention, Viability of Airline

Operation, Basic Aviation Language, Introduction to Cargo Operation; Study of meaning of Airport, Types of Airports, Ownership and Associated challenges and Passenger/Baggage Handling Management.

BATM 829 Aviation Safety and Security 3 Credits

Pre-requisite review of Principles of ICAO Global Aviation Safety Plan and Global Air Navigation Plan, ICAO Standards, Recommended Practices and Procedures (SARPs). Knowledge on Safety Management System (SMS), State Safety Program (SSP) and Universal Safety Oversight Program (USOAP), Civil Aviation Security Management and Technology and; Equipment in Aviation Security. Examining the Threat to Civil Aviation – Past, Present and Future likewise International and National Security Legislation.

BATM 833 General Environment of Travel and Tourism 3 Credits

The course is designed to provide an in-depth knowledge and opportunity to Airline Industry, Airline Geography, Travel Formalities, Air Transport Essentials, Hotel Products and Services. Concept to impact knowledge and skills required on Salesmanship, objective of Entrepreneurship, Serving the Travel Customer. Idea on ++Land and Water Transport.

MBSM 820 Enterprise Security Risk Management 3 Credits

This course explores the purpose and definitions of Enterprise Security Risk Management (ESRM), demonstrate how to develop a framework for ESRM, explain how to implement security programs with the ESRM model or transition to an ESRM-based security organization. It also demonstrate how to use a business approach to communicate security concepts to business leaders, describe assurance on the ability of a business to anticipate, plan and prepare for security incidents likewise demonstrate security governance

MBSM 821 Critical Thinking and Intelligence Analysis 3 Credits

The course will demonstrate the ability to analyze information objectively and make a reasoned judgment, establish how to draw reasonable conclusions from a set of information, and discriminate between useful and less useful details to solve problems or make decisions. It will describe critical evaluation of sources, such as data, facts, observable phenomena, and research findings. Also, develop how people engage in cognitive work and develop systems and trainings that work through model leadership in various settings and levels of the organization; and assess the ethical and social implications of business decisions.

MBSM 822 Cyber Security 3 Credits

The course identifies and solves cybersecurity issues in business and society by managing cybersecurity operations using available tools and techniques, demonstrate the capability to effectively integrate knowledge in the field of cybersecurity in other to propose solutions and mitigate security risk and threats. It also describe the legal, regulatory, policy, and ethical issues related to securing cyberspace and ensuring the privacy of personally identifiable information (PII), design viable strategies to solve complex security problems using relevant data and concepts, demonstrate the effectiveness of cybersecurity in an organization by performing vulnerability assessments, risk mitigation, auditing, and certification and accreditation of information systems.

MBSM 823 Management of Private Security 3 Credits

The course is designed to demonstrate how to build a strategic security management plan, describe security operations, programs/services, budgets, & personnel, describe the legislation governing the private security industry and demonstrate an understanding of the business of Contract vs Private Security – Structure, Operations.

MBSM 824 Convergence Securities**3 Credits**

This course describes the movement in enterprise to combine physical security and technology-based security systems and measures in an organization. It demonstrates the connections with functions such as loss prevention, fraud prevention, business continuity planning, legal/regulatory compliance, insurance, and others. Furthermore, it identifies the barriers between physical and network security knowledge and describes the developments in electronic security and identifies gaps inherent in relation to IoT. It explains how a converged security program protects organizations' and helps to get them running more whilst integrating it to become part of an organization's competitive advantage. Finally, it identifies the effect of the integration of physical & IT to corporate security policies and practice.

MBSM 825 Information Security and Technology**3 Credits**

This course examines the fundamentals of Information Security and demonstrates how to protect information and ensure a balance between availability, confidentiality and integrity of information. It also focuses on understanding of the available techniques from network, application, and physical security and how they interface with each other by describing the technical, administrative and physical aspects of Information Security through a holistic approach towards information security for an Organization.

BMBA 890 RESEARCH PROJECT**6 Credits**

Students are required to submit to the department a report of an independent, field oriented, problem solving research study approved by the department. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the project work.

MASTER OF SCIENCE (MSc) IN MARKETING**Objectives of the Program:**

The Postgraduate programs of the department have been designed to provide the students with a broad and solid basis for acquisition of knowledge and skills in the general principles and practical vocational applications of Marketing. Further and specific objectives of the program are to:

1. Equip the students with essential and analytical skills needed for the solution of management problems.
2. Build on the foundation earlier laid at the undergraduate level of the Marketing program.
3. Equip the students with essential theoretical and practical knowledge and skills needed for research and development in the field of Marketing, and to empower such students with the needed requirements to offer services in teaching, research and leadership.
4. Help to provide an academic avenue for the enrichment of the Marketing program at the undergraduate level.

ADMISSION REQUIREMENTS

Candidates for admission into the M.Sc. (Marketing) degree programme of the Department of Business Administration & Marketing should have:

A Bachelor's Degree (Marketing or other relevant programs) of Babcock University or any other University or Institution of higher learning approved by the Senate of Babcock University (with Second class lower and above).

MASTER OF SCIENCE (M.Sc.) MARKETING COURSES

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL REQUIREMENTS			
GEDS 801	Religion, Faith and Morality	2		
GEDS 802	Statistics		2	
	CORE COURSES			
BSAD 800	Christian Business Ethics		3	
MKTG 811	Consumer Behaviour	3		
MKTG 821	Sales Management	3		
BSAD 831	Quantitative Techniques and Computer Applications	3		
BSAD 811	Intermediate Business Statistics	3		
BSAD 842	Research Methods		3	
MKTG 872	Electronic Marketing		3	
MKTG 812	Channels of Distribution		3	
MKTG 840	Seminar in Marketing		3	
MKTG 882	Marketing Analysis & Decision Making		3	
MKTG 8--	Specialization Electives*	6		
MKTG 890	Dissertation			6
	TOTAL (46 Credits)	20	20	6

** Candidates in consultation with the Course Coordinator and the HOD are to choose two (2) specialization elective courses in the first semester.*

Matured candidates with upward of 5 years work experience (who possess PGD in Management in addition to the required B.Sc. in approved program are eligible to apply. Candidates may be required to write and pass a qualifying examination before admission. The qualifying examination may be in a written form, and may comprise of questions in English Language, and general management at the final year B.Sc. standard. The admission requirements into the undergraduate programmes of the Department also apply.

SPECIALISATION ELECTIVES (3 Credits per Course)**Marketing Communications**

MKTG 851	Integrated Marketing Communications	3
MKTG 841	Promotional Strategies	3
MKTG 861	Relationship Marketing	3

Strategic Marketing Management

MKTG 813	Strategic Marketing Management	3
MKTG 871	Brand Management and Strategy	3
MKTG 881	Services Marketing Strategy	3

Consumer Behaviour

MKTG 832	Marketing Research	3
MKTG 833	Neuromarketing	3
MKTG 815	Brand Management	3

International Marketing

MKTG 801	International Marketing	3
MKTG 827	Digital Marketing Analytics	3
MKTG 829	Cross Cultural Buyer Behaviour	3

GRADUATION REQUIREMENTS

General Requirement Courses	– 2 Credit Units
Core Courses	- 33 Credit Units
Dissertation	- 6 Credit Units
Elective Courses	- 6 Credit Units
TOTAL	- 47 Credit Units

Course Duration

Regular: minimum of three (3) semesters and maximum of five (5) semesters.

Elongated: minimum of four (4) semesters and maximum of six (6) semesters.

Probation

Candidate scoring less than 3.00 CGPA at the end of any semester will be placed on probation for the next semester only.

Minimum CGPA for graduation: 3.00

COURSES DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 801 RELIGION, FAITH AND MORALITY 2 Credits

GEDS 802 STATISTICS 2 Credits

BSAD 800 CHRISTIAN BUSINESS ETHICS 3 Credits

This course is a reflection of integration of faith and learning in business transactions generally. It will cover areas such as Biblical bases for welfare economics; Theories in ethics; Philosophers and philosophies; Analysis of biblical laws pertaining to business, accounting, finance and Economics: Just weights, measures and financial payments required; The accumulation of property commended; The practice of trading and bartering; Integrity in business; Fraud and dishonesty; Borrowing and lending regulations; Honest payment of wages at the close of each day; Special provision for poor and strangers; Regulations for pledges or Mortgages of personal property; Modern illustrations of Man's quest for wealth and its implication on integrity of leaders. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

BSAD 842 RESEARCH METHODS 3 Credits

The course will take students through the methodologies of research concept and implementation. It will essentially cover areas of basic and applied research, surveys, inferential and historical research, experimental and non-experimental research. It will also cover areas of theoretical/conceptual frameworks of proposal writing for grants etc. The principles of integrity and originality of research are extolled by the course. The principles of integrity and originality of research are extolled by the course.

MKTG 832 MARKETING RESEARCH**3 Credits**

The application of scientific method to the investigation and analysis of marketing problems and decisions on product development, market analysis, promotion, distribution and pricing. Emphasis is on the research process and design, sampling techniques, data collection, analysis and interpretation as well as research evaluation. Through project assignments, students will learn the use of computer in marketing data analysis. Problems of marketing research in developing country will be highlighted through experimental processes of students undertaking their own research. The principles of integrity and originality of research are extolled by the course.

MKTG 872 ELECTRONIC MARKETING**3 Credits**

This course is designed to introduce the students to basic principles of e-commerce, ebusiness and e-marketing, and to enable them understand and apply internet capability in market domain for communication, sales, advertising, market space, promotion, logistics mapping and cost reduction, market intelligence, and brand building tool. The students should also be able to explain fundamental internet technology as well as its practical applications in the context of Nigeria economy.

MKTG 813 STRATEGIC MARKETING MANAGEMENT**3 Credits**

An application of the fundamental principles of management to the marketing function. The organization, planning, control and coordination of the marketing function. Organization of the marketing plan, coordination and interaction of the whole marketing function (product, physical distribution, pricing and promotion), marketing and social responsibility, consumer behavior, etc. Analysis of marketing from the viewpoint of the decision maker including a study of the effect of internal environment of the firm on marketing decisions. Legal constraints and exogenous variables affecting the firm. Micro and macro-economic analysis of marketing problems of a business firm. The course also focused on the biblical worldview of management.

MKTG 821 SALES MANAGEMENT**3 Credits**

A conceptual analysis of the management function. Course covers recruitment and training, motivation and control, evaluation, compensation, supervision, routing of the sales force. The sales manager's responsibilities for organizing and evaluating the effectiveness and efficiency of the sales department are discussed. Students will be expected to undertake comparative analysis of sales department organizations in various companies. The course also focused on the biblical worldview of management as it relates to sales management.

MKTG 841 PROMOTIONAL STRATEGIES**3 Credits**

An analysis of the element of the promotion mix-advertising, personal selling, public relations and sales promotion with emphasis on the role of management of each element. Basic theories of buyer behavior and communication will be discussed as they relate to effective promotion and persuasion. Measures of promotion effectiveness. Social issues in promotion particularly in developing countries. An analysis of the communication functions of marketing. Advertising, Public Relations, Sales promotions, and Personal Selling are examined on higher echelons to enable the student to design an appropriate and complete promotional strategy for the business organization. The core value of autonomy and responsibility coupled with integrity is emphasized by the course.

MKTG 801 INTERNATIONAL MARKETING**3 Credits**

Development of work markets, methods of marketing, promotion, international marketing management. Analysis of overseas opportunities, conceptual and application issues, problems and perspectives, The course emphasizes the values of team spirit.

**BSAD 831 QUANTITATIVE TECHNIQUES
AND COMPUTER APPLICATIONS**

3 Credits

To equip students with the necessary quantitative and statistical tools for high-level research in the Social Sciences in general, and in Business Administration in particular. The focus will be on the nature and practical applications of concepts, models and techniques in process of conducting high-level research in the analysis of management-decision situations. This will be in the areas of general quantitative and mathematical research tools including statistical analysis and the use of the computer. The course is embellished with the excellent core value.

BSAD 811 INTERMEDIATE BUSINESS STATISTICS

3 Credits

The fundamentals of business statistics are presented. Topics may include descriptive statistics, random variables, probability distributions, estimation, hypothesis testing, regression, and correlation analysis. Statistical software is used to assist in the analysis of these problem. The purpose of this course is to provide students with statistical tools needed by managers. The course emphasizes understanding the process associated with statistical decision, defining and formulating problems, analyzing the data, and using the results in decision making.

MKTG 811 CONSUMER BEHAVIOUR

3 Credits

This course provides opportunity for students acquire comprehensive understanding of consumer and buyer behavior and factors influencing that behavior. Emphasis will be on the measurement of relevant concepts to explain consumer behavior, attitude formation and change. The course underscores values of excellence.

MKTG 812 CHANNELS OF DISTRIBUTION

3 Credits

The course will review the ecological perspective of the distribution system, the role of distribution in period of shortages. The course will also look at the design of distribution system channel conflict and their resolutions, channel structure and infrastructural/economic problems, relating functions and problems-inventory control, management competition, comparative analysis of developments in the retail systems, the traditional markets in the retail/distribution system, the role of itinerant retailers. The course is predicated on the core values of team spirit.

MKTG 833 NEUROMARKETING

3 Credits

The course focuses on the physiological and neural signals given insights into customers' motivation and preferences which helps creative advertising product development, pricing and other marketing areas. Different tools of Neuro marketing will be examined.

MKTG 815 BRAND MANAGEMENT

3 Credits

The course will focus on the analysis of how a brand is currently perceived in the market, plan on how the brand should be perceived. Different Brand terminologies will be reviewed together with Brand Strategies and Brand Orientation.

MKTG 840 SEMINAR IN MARKETING

3 Credits

This is an independent study of a marketing topic chosen by the student under the supervision of a lecturer in the department. The student is expected to have a clear set of goals and priorities that result from maintain an outcome orientation. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar.

MKTG 827 DIGITAL MARKETING ANALYTICS

3 Credits

The objective of this course is to develop a strong conceptual and practical understanding of how to use digital data to improve marketing decisions. Students will gain familiarity with key areas of digital marketing including search and display advertising, search engine optimization, and social media marketing. Working with real data sets, students will practice using quantitative tools to improve campaigns, estimate ROI, and gain customer insights.

MKTG 829 CROSS CULTURAL BUYER BEHAVIOUR 3 Credits

Cultural influences on work behaviour in the context of international business including individual and group behaviour, leadership, communication, motivation, influence, change and cross-cultural relationships. A study of the various influences affecting the buyer in the purchasing process for end consumers, industry or government. Topics include various decision-making models and the impact of psychological, sociological, economic and demographic factors, as well as their effect on market research design, data collection and interpretation. Prerequisites is Marketing Communication.

MKTG 851 INTEGRATED MARKETING COMMUNICATIONS 3 Credits

Students examine the promotional mix including advertising, publicity, personal selling and sales promotion from an integrative perspective. Students create and manage these promotional tools to successfully execute a business' strategic plan. Topics include an overview of integrated marketing communications (IMC) and brand building; basic IMC strategies; creating, sending, and receiving brand messages; IMC functions; social, legal and ethical issues in IMC; international marketing communication; and effectiveness, measurement, and evaluations.

The objective of the course is to help students understand the principles and practices of marketing communications, involving tools used by marketers to inform consumers and to provide a managerial framework for integrated marketing communications planning. Topics: the role of integrated marketing communications, organizing for advertising and promotion, consumer behaviour perspective, the communication process, promotional objectives and budgets, creative strategy, media planning and strategy, broadcast/print & support media, direct marketing, sales promotions, PR and publicity, personal selling, international promotion, business-to-business promotions, and regulations and ethics.

MKTG 861 RELATIONSHIP MARKETING 3 Credits

Foundational concepts: emergence of a relational approach to marketing, including the emergence of this approach within channel marketing, services marketing and business-to-business/industrial marketing; motivations for the development of relational approaches to marketing; conceptual approaches to understanding how relationships develop over time, including life-cycle and more dynamic models. The emergence of a network approach to marketing. Relationship marketing in context: interaction and relationships in services contexts; Intra-organizational and inter-organizational interaction and relationships. Relationship marketing management: relationship success variables including trust, commitment, and shared values; social and cultural dimensions to relationships in marketing. Strategic aspects of relationship approach to marketing: relationships as a source and context for learning and innovation; collaborative and competitive networks; relationship marketing strategy; and customer relationship management.

MKTG 871 BRAND MANAGEMENT AND STRATEGY 3 Credits

This module takes a strategic approach to branding. It considers a broad range of tools, techniques and theories that help build equity and so drive brand performance. No prior brand knowledge is required but those with no or very limited knowledge of brand would be advised to read de Chernatony's (2011) text. This will help students orientate themselves to different brand contexts e.g. B2B, B2C, online, retail etc., that will be referred to throughout the module. The module will be delivered through a range of interactive lectures, group work and guest lectures. A strong emphasis will be placed on application of theory to specific cases to facilitate learning and interaction

.

MKTG 881 SERVICES MARKETING STRATEGY**3 Credits**

The services sector has become a vital one for both developed and developing countries as its contribution to GDP and employment grows progressively each year. At the same time, business model innovations and information technology advancements continually create new services and opportunities to provide high value to customers and employees at lower costs. Even manufacturing and technology industries are compelled today to rely on services and service quality to gain competitive advantage. Studying services marketing is, therefore, indispensable regardless of the industry one chooses to work in as services pervade the world around us. This course builds on the knowledge and understanding that you have gained from your basic marketing course. It acquaints students with the unique challenges inherent in the marketing of services, and the concepts, tools and strategies needed to address them. The course takes a multi-disciplinary view of a firm's strategies to attract, satisfy and retain customers and employees in ways that increase long-term profitability and shareholder value. Through a blend of interactive lectures, group projects, individual assignments and class discussions, theory and practice are juxtaposed to enhance your learning and appreciation of services marketing across a variety of industries. It examines the important issues facing service providers and the successful implementation of a customer focus in service-based businesses. Topics include an overview of services marketing; understanding the customer in services marketing; standardizing and aligning the delivery of services; the people who deliver and perform services; managing demand and capacity; and promotion and pricing strategies in services marketing.

MKTG 882 MARKETING ANALYSIS & DECISION**3 Credits**

This course deals with concepts, methods, and applications of decision modeling to address such marketing issues as segmentation, targeting and positioning, new product design and development, advertising, and sales force and promotion planning.

Unlike conventional capstone marketing courses that focus on conceptual material, this course will attempt to provide skills to translate conceptual understanding into specific operational plans -- a skill in increasing demand in organizations today. Using market simulations and related exercises tied to PC-based computer software, students will develop marketing plans in various decision contexts. The course will be of particular value to students planning careers in marketing and management consulting.

MKTG 890 DISSERTATION**6 Credits**

Independent study of a marketing topic approved by the department under the supervision of a lecturer in the department. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies. The principles of integrity and originality of research are extolled by the course.

MASTER OF PHILOSOPHY (MPhil) IN MARKETING

Philosophy/Objectives

Having regard to its philosophy of education on balanced and harmonious development of the whole man in his physical, social, and spiritual environment, the specific objectives of Babcock University objectives are to:

1. Provide students, a high quality education in the art, science, as well as certain professional programs for students who want to study in an atmosphere of learning governed by balanced development of the whole person;
2. Create a milieu that attracts students and faculty of high quality;
3. Dispense quality preparation for students to assume career in the professions, in industry, in public service, in business, in the art, and so on;
4. Foster critical thinking, problem-solving skills, creativity, and self-expression while striving to apply the wisdom of the past, and the discoveries of today, to the challenges of a rapidly changing world.

ADMISSION REQUIREMENTS

Candidates eligible for admission into M.Phil. program in Marketing of the Department of Business Administration and Marketing must satisfy the general requirements demanded by the Postgraduate studies at Babcock University. However, interested candidates should have the following:

M.Sc., (Marketing or other relevant approved degrees subject to transcript record) from Babcock University, Ilishan-Remo or from any other recognized University within and outside the country with a minimum average score of 50% or minimum CGPA of 3.00 on a 5.0 scale.

MBA or Master degree in relevant discipline obtained from Babcock University, IlishanRemo or from any other recognized University within and outside Nigeria with a minimum average score of 55% or minimum CGPA of 3.50. The admission requirements into the undergraduate programmes of the Department also apply.

MASTER OF PHILOSOPHY (M.Phil.) MARKETING COURSES

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem
	GENERAL REQUIREMENTS				
GEDS 901	Personal and Family Wholeness	2			
GEDS 902	Advanced Statistics		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
MKTG 913	Marketing, Thought, Philosophy & Theory	3			
MKTG 960	Forecasting Methods for Marketing		3		
MKTG 930	Advanced Marketing Strategy	3			
MKTG 957	Advanced Research Methodology	3			
MKTG 9--	Specialization Courses		6		
MKTG 880	MPhil Seminar			3	
MKTG 890	MPhil Dissertation			(8)	8
	TOTAL (37 Credits)	13	13	3	8

NB: Candidates in consultation with the Departmental Head and PG Coordinator are to pick two specialization courses in in the second semesters of the first year.

SPECIALIZATION COURSES (3 credits per course)

See the List of Specialization Courses under PhD Marketing Programme.

Graduation Requirements

The general requirements for graduation include the following:

General Requirement Courses	- 8 Credit Units
Core Courses	-12 Credit Units
Specialisation Courses	- 9 Credit Units
M.Phil Dissertation	- 8 Credit Units
TOTAL	37 Credit Units

Course Duration

Regular: Minimum of four (4) semesters and maximum of six (6) semesters.

Elongated: Minimum of five (5) semesters and maximum of seven (7) semesters

Probation

Candidate scoring less than 3.00 CGPA at the end of any semester will be placed on probation for the next semester only.

Minimum CGPA for graduation: 3.00.

COURSES DESCRIPTIONS

See the section on Course Descriptions for PhD Marketing for the description of Courses in M.Phil in Marketing.

DOCTOR OF PHILOSOPHY (PhD) IN MARKETING**Objectives of the Programme**

The main objective of the PhD in Marketing, as a research-based degree, is to enable students to benefit from advanced education by focusing on research, theory, and practice of Marketing and to strengthen the ability for active learning through modern teaching methods and marketing research techniques as well as application in an environment that actively seeks the mental, moral, and spiritual development of the scholar.

Specific Objectives of the Proposed Programme

Diligent graduates from this programme will be able to:

1. Analyse organizational problems by using appropriate marketing research methods and models, interpret properly the results of the analyses, and propose effective business/marketing decisions.
2. Deliver quality instructions in marketing at all the levels of learning, and create conditions for lifelong learning and improvement in the field of marketing management, operations research, organizational behavior, and quantitative disciplines.
3. Exhibit a high personal and professional ethical standard that would reveal Godly character in the use of business and marketing strategies.
4. Initiate scientific cooperation with other academic institutions as well as joint projects with private and public entities for development and application of marketing strategies.
5. Initiate, effectively carry out, and supervise academic and professional research programmes that will succinctly add value to existing knowledge on the subject matter of Marketing.
6. Contribute adequately to character formation and the holistic nature of life that underpin the Seventh-day Adventist philosophy of education.
With these extensive knowledge gained, a PhD in Marketing graduate would be able to publish articles in recognized local and international journals in his/her respective areas of specialization in Marketing Management. In addition, he/she would be able to engage his/herself in research-based Marketing Management activities needed to encourage entrepreneurship.

Admission Requirements to the Programme

Individuals eligible for admission into PhD programme in Marketing must satisfy the general requirements demanded by the College of Postgraduate Studies at Babcock University. Additionally, applicants are required to have an MSc degree in Marketing from Babcock University or from any other recognized university within and outside Nigeria, wherein they would have obtained an average of at least 60% or a CGPA of 4.0 (on a 5.0 point scale). Candidates must submit official transcripts as evidence.

Candidates with a CGPA of 3.50-3.99 on a 5.0-point scale or 55-59% in the MSc in Marketing may be admitted under conditional status to the PhD programme, provided they successfully complete a minimum of required additional 16 credits in Master's-level coursework in Marketing at Babcock University and any other relevant area at the 60% pass level prior to commencing any coursework in the PhD programme.

Candidates with a minimum of 4.0 CGPA (on a 5.0 scale) from a cognate discipline may be considered for admission subject to prescribed remedial courses as approved by the department. An MPhil in Marketing from Babcock University, with a minimum proficiency level of 60%, will count for the first year of the PhD programme, with the student commencing the activities of the second year of the PhD programme of studies. If the student has an MPhil in Marketing from any other institution or in any other relevant area, with a minimum proficiency level of 60%, the student will commence the first year of the PhD programme of studies.

Note: Professional experience may not be counted to waive a deficiency in the programme requirement. Furthermore, no credits from outside BU may be counted toward the PhD degree. The admission requirements into the undergraduate programmes of the Department also apply.

DOCTOR OF PHILOSOPHY (PhD) MARKETING COURSES

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem
	GENERAL REQUIREMENTS						
GEDS 901	Personal and Family Wholeness	2					
GEDS 902	Advanced Statistics		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
BSAD 900	Christian Philosophy of Management			3			
MKTG 913	Marketing, Thought, Philosophy & Theory	3					
MKTG 960	Forecasting Methods for Marketing		3				
MKTG 930	Advanced Marketing Strategy	3					
MKTG 957	Advanced Research Methodology	3					
MKTG 970	Doctoral Seminar 1			4			
MKTG 980	Doctoral Seminar 2				4		
MKTG 9--	Specialization Courses		6	3			
MKTG 990	Thesis			4	4	4	4
	TOTAL (56 Credits)	13	13	14	8	4	4

NB: Candidates in consultation with the Departmental Head and PG Coordinator are to pick two specialization courses in the second semester and one in the third semester.

SPECIALIZATION COURSES (3 credits per course)

Marketing Communications

MKTG 911	Persuasion, Electronic, and Social Media Marketing	3
MKTG 912	Contemporary Issues in Marketing Communication	3
MKTG 952	Advanced Marketing Communication	3
MKTG 937	External Relations and Reputation Management	3

Strategic Marketing Management

MKTG 914	Contemporary Issues in Marketing Management	3
MKTG 931	Strategies in Multinational Marketing	3
MKTG 921	Advanced Strategic Marketing Management	3
MKTG 947	Strategic Sales Management	3
MKTG 942	Strategic Marketing and Consulting	3

Consumer Behaviour

MKTG 915	Judgment and Decision Making Perspectives on Consumer Behaviour	3
MKTG 916	Contemporary Issues in Consumer Behaviour	3
MKTG 940	Retail Management	3
MKTG 922	Advanced Consumer Behaviour	3

International Marketing Management

MKTG 917	Advanced International Marketing Management	3
MKTG 931	Strategies in Multinational Marketing	3
MKTG 950	Entrepreneurial Marketing	3

Graduation Requirements

General Courses	8 Credit Units
Core Courses	15 Credit Units
Thesis	16 Credit Units
Doctoral Seminars	8 Credit Units
Specialization Courses	9 Credit Units
TOTAL	56 Credit Units

Course Duration

Regular: minimum of six (6) semesters and maximum of eight (8) semesters.

Elongated: minimum of seven (7) semesters and maximum of nine (9) semesters. The minimum CGPA for graduation shall be 4.0 on a 5.0-point scale.

COURSES DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 901	PERSONAL AND FAMILY WHOLENESS	2 Credits
GEDS 902	ADVANCED STATISTICS	2 Credits
GEDS 911	RESEARCH PROPOSAL AND WRITING	2 Credits
GEDS 912	ADVANCED RESEARCH DESIGN	2 Credits

MKTG 880 M.PHIL SEMINAR**3 Credits**

This is an independent study of a marketing topic chosen by the student under the supervision of a lecturer in the department. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities. Furthermore, the work will be criticized and evaluated by the lecturer and the other students before the final presentation is made.

MKTG 890 M.PHIL DISSERTATION**8 Credits**

The MPhil programme culminates in a dissertation, consisting of an original based on the student's interest and supervised by a member of faculty. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the project work.

BSAD 900 CHRISTIAN PHILOSOPHY OF MANAGEMENT**3 Credits**

This team-taught course was designed to expose the doctoral students to management and its different philosophies from biblical perspectives. The course endeavours to present biblical principles and illustrative cases, as well as construct an underlying biblical worldview for management scholars. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

**MKTG 911 PERSUASIONS, ELECTRONIC
AND SOCIAL MEDIA MARKETING****3 Credits**

This course acquaints graduate students with some of the more well-accepted literature in digital persuasive communication, social media and provides the opportunity to apply the theoretical knowledge to understanding the psychology of persuasion in digital media environments. This course will deal with a wide range of issues and topics in the areas of advertising, marketing communication, social media, digital marketing, and public relations in the digital and globalization age (e.g., consumer -generated content, electronic word-of-mouth, social media marketing and public relations, in-game/advert games advertising, and cross-media and integrated communications). It will examine a body of advertising and public relations literature in the context of digital communication and discuss their application to the practices in digital persuasion.

**MKTG 912 CONTEMPORARY ISSUES IN
MARKETING COMMUNICATION****3 Credits**

The course will expose the students to the relationship between observed marketing practices and extant marketing theories. Suggestively, the various marketing activities are bench- marked with the existing marketing principles. The course emphasized the core value of excellence.

MKTG 913 MARKETING THOUGHT, PHILOSOPHY & THEORY **3 Credits**

The course aim 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. The course underscores values of excellence. This course will emphasize more than anything else that God is the origin of Marketing management thought and philosophy. The course also focused on the biblical worldview of management.

**MKTG 914 CONTEMPORARY ISSUES IN
MARKETING MANAGEMENT**

3 Credits

This course improves students' knowledge and understanding of the marketing discipline and its role in society, with a particular focus on current ethical and social issues within this field. It also puts a strong emphasis on the critical analysis of various orthodox views of marketing and on the importance of developing own philosophical position when debating contemporary marketing theory. Additionally, the course investigates problematic issues within the areas of technological developments, postmodern and critical approaches, and consumerism and ethics. This course develops students' abilities in several key areas, enabling them to: a) understand the implications of technology on media, and on direct and database approaches to marketing and communications; b) appreciate different notions of consumption, and evaluate the relationships between marketing, entertainment and consumption and the use of sociological methods of conceptualising, communicating and managing brands; and c) understand the rise of consumer sovereignty and the ethical implications of marketing, and the various concepts of corporate social responsibility.

**MKTG 915 JUDGMENT AND DECISION MAKING
PERSPECTIVES ON CONSUMER BEHAVIOUR**

3 Credits

The purpose of this course is to provide you with a solid foundation for critical thinking and research on the judgment, decision-making and choice aspects of consumer behavior, marketing, and business in general. In particular, we will focus on how people process information when making judgments and choices. We will also discuss how the processes of judgment and choice might be improved. Although the course will address the normative issue of how decisions should be made, the focus in this course is on the descriptive issue of how decisions are actually made. This focus goes beyond behavioral decision theory (BDT) or the heuristics and biases literature, and includes topic such as rationality, mental accounting, choice conflict, ego depletion, and feelings as information, among others. The focus will be on the individual decision-maker, although the topics we discuss will also have some applicability to group and organizational decision-making.

MKTG 916 CONTEMPORARY ISSUES IN CONSUMER BEHAVIOR 3 Credits

The course will develop an understanding of consumer behaviour and will deepen students' understanding of consumer theory and practice. The course aims to: Provide an introduction to the theory and practice of consumer behaviour. Examine the processes of consumer decision-making, the influences on buyer behaviour and marketing implications. Provide a critical appreciation of existing research in consumer behaviour. Consider the role of the consumer in contemporary society.

**MKTG 917 ADVANCED INTERNATIONAL
MARKETING MANAGEMENT**

3 Credits

This course attempts to identify the components of the decline in crude oil levels, low crude oil inventories and price volatility in crude oil markets. The focus is on the practical issues and theoretical contributions from Cross – Cultural Marketing of petroleum and petrochemical products. It explores a range of contemporary issues facing the petroleum marketing industry, including forecasts of trends and changes that affect petroleum products marketing. The course emphasizes the values of team spirit.

**MKTG 921 ADVANCED STRATEGIC
MARKETING MANAGEMENT**

3 Credits

This course is designed to integrate the application and linkages of the different marketing principles from local and international perspectives with strategic options along areas of market penetration, development, and diversification. It explores the Glocal opportunities and problems

managers encounter when crafting an organization's marketing strategies and policies. Areas covered include: marketing techniques, models applications, applying the knowledge of these techniques in competitive and collaborating environments, analyses of markets, customers and competitors and detailed marketing and environmental audits: both internally and externally. The course promotes the value of excellence in the workplace.

MKTG 922 ADVANCED CONSUMER BEHAVIOR 3 Credits

Why people buy; their purchasing behaviour; the influence of biological needs, attitudes and values, theories of motivation, factors that influence behaviors and other patterns of behaviour. The focus is on the assessment of global concepts that explains the behavioral patterns of consumers, their attitudes and values. The course underscores values of excellence.

MKTG 930 ADVANCED MARKETING STRATEGY 3 Credits

This course is designed to expand the knowledge base of the students on the principles of advanced marketing strategy and how firms practise them. This is based on the premise that one size does not fit all and that value creation in marketing involves a higher understanding of the various consumer segments. The course also focuses on issues such as the selection of which business to compete in, how to allocate resources across business and elements of marketing mix as well as other significant strategic issues facing today's managers in a dynamic and competitive environments. In addition, the course explores how to design optimal strategies for launching new products, maximize the acceleration of revenue, sustain profitability and manage business during the inevitable decline stage.

MKTG 931 STRATEGIES IN MULTINATIONAL MARKETING 3 Credits

This course aims to provide post - graduate business students with adequate literacy necessary to make informed business decisions in the local and international business environment. It seeks to give the student a framework and working knowledge of the operations of multinational corporations and allows the student to learn a variety of analytical frameworks that will help him select the most relevant data and reconfigure them to provide useful information. In this course, the student is introduced to different forms of strategies, the strategic options and the three levels of business strategy. The course provides the student an opportunity to integrate his prior, more specialized course work in strategic marketing management, finance, operations and other disciplines. The student is expected to analyze situations, develop well- reasoned recommendations and, communicate his analysis both in local and international arena. The core values of team spirit, autonomy and responsibility are exemplified in the course delivery.

**MKTG 937 EXTERNAL RELATIONS AND
REPUTATION MANAGEMENT 3 Credits**

The course has been designed to provide students with a sound understanding of the contemporary and emerging trends in external relations and corporate reputation management. It is intended to provide competence to mitigate reputational role. It covers conceptual issues, fundamental principles and process of reputation management, new trends and contemporary tools in reputation management.

MKTG 940 RETAIL MANAGEMENT 3 Credits

This course entails an interdisciplinary overview of the retailing industry. It focuses on customer-oriented activities of the retailers which include assortment, private label development, the manager of in-store operations and the back door activities that support customer intention. In addition the course discusses issues that confront retailers such as CRM, industry consolidation and supplier relations.

MKTG 942 STRATEGIC MARKETING AND CONSULTING

It will develop an advanced knowledge and understanding of contemporary and complex issues facing markets. It will further explain insight into the theory and practice of specialist aspects of marketing. It will develop critical thinking, research and communication skills and will feature consultancy projects as a vehicle.

MKTG 947 STRATEGIC SALES MANAGEMENT 3 Credits

The course intends to develop key marketing concepts and create a link between marketing strategy and sales strategy. It focuses on understanding the characteristics of exceptional sales management and get ideas on how you can boost your team's success, derive organization's revenue as a sales management.

MKTG 950 ENTREPRENEURIAL MARKETING 3 Credits

This course focuses on the real life marketing challenges involved in starting an entrepreneurial venture. It provides a roadmap for students seeking to actively engage as entrepreneurs, investors, or managers in the start-up. Many of the entrepreneurial marketing principles studied will be applied to early growth stage or mid-size venture.

MKTG 952 ADVANCED MARKETING COMMUNICATIONS 3 Credits

This course is designed to explore a range of issues facing the marketing communication industry from a theoretical and practical perspectives, including the environmental forces impacting upon the communication situation. The focus is on the practical issues and theoretical contributions from Cross – Cultural Marketing, such as ethical issues in marketing communication, business communication issues, advertising and marketing communication issues, business communication and legal issues and some of the key communication issues that affect the existing marketer. The core value of autonomy and responsibility coupled with integrity is emphasized

**MKTG 955 INTERNATIONAL MARKETING ENTRY
AND EXECUTION 3 Credits**

The course intends to provide consumer science Investigation, business to business marketing, international marketing entry, targeting, positioning, international product, international promotion, international place and price. This will also discuss the seven ways to innovate in international marketing.

MKTG 956 ENTREPRENEURSHIP SALES & MARKETING 3 Credits

The course is designed to prepare students for future marketing positions in a start-up as well as assist the students to launch their own sales & marketing initiatives in their own private businesses. Additionally, students will be exposed to the overall process and tools that drive a sales/marketing organization. This course examines the skills and tools needed for start-up marketing. It covers the selection of an appropriate business model, market segmentation: identifying segments and value proposition, industry structure: evaluating the competition, strengths and weaknesses, core competencies, and financial requirements, marketing mix and rapid growth management. As potential sales and marketing managers, the students are encouraged to always transact their marketing activities in the way of the good and keep to the paths of righteousness; for the upright will inhabit the land, and those with integrity will remain in it. Some core values of the institution consisting of accountability and integrity, honesty and transparency, responsibility and the exercise of intellectual freedom are discussed in the light of the Scriptures.

MKTG 957 ADVANCED RESEARCH METHODOLOGY 3 Credits

The course is intended to foster academics research methods and writing skills that will enable students to participate as scholarly life and discuss as professionals. The course is designed as avenue to develop a strong research skill. The ontology and existentialism of research will be discussed.

MKTG 960 FORECASTING METHODS FOR MARKETING 3 Credits

The course will provide guidelines for forecasting for marketing. The coverage includes – Delphi, role playing, conjoint analysis, judgemental boots trapping, extrapolation, expert system and econometric methods. Discuss what are appropriate for forecast market size, market share, sales and financial outcome.

MKTG 960 FORECASTING METHODS FOR MARKETING 3 Credits

Better forecasting could lead to better short-term and long-term planning and in turn better decision. Forecasting methods for marketing involve such judgemental activities as prediction, intentions, and expectations. This course examines quantitative methods such as extrapolation and econometrics with the latter for assessing the effects of changes in key variables such as pricing or advertising. This is to enable the students to forecast consumer behaviour, market share and sales, and action of competitors.

**BSAD 977 ADVANCED STRATEGIC OPERATION
MANAGEMENT 3 Credits**

The course will make the students to know how operations need to decide and how to vary their capacity as demands for their product and services fluctuate. It will also explain how operations relates to each other in the context of wider network of suppliers, customers and how these relationship can be managed.

MKTG 970 DOCTORAL SEMINAR 1 4 Credits

This prepares the students to search the literature in their area of interest as to identify the evolution of knowledge in this area in chronological order. It will eventually lead students to identifying the gaps in the literature, undertaking gaps analysis having done a summary table of literature that has been searched. This will ultimately allow the student to choose a topic around the gap identified in their areas of interest e.g. marketing, entrepreneurship, corporate governance, management accounting, human resources management and business administration. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities. The course will help the students to undertake a search of the literature and develop the conceptual, theoretical and empirical framework of topic chosen in the area of their interest as highlighted above. At the end of this course, students are expected to submit and present an article based on the literature. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

MKTG 980 DOCTORAL SEMINAR 2 3 Credits

The students are expected to do a comprehensive search of methodology and design in the area of interest. A summary table to research method and designs, sampling techniques, method of data collection and analysis as well as research instrument used by past researchers in the students' area of interest must be documented by the students. At the end of the course, the student is expected to present and submit an article based on the past methodology and designs used in their areas of interest noting the merits and demerits of such methodology and designs. The students are to select the one they hope to use for their studies and justification for the choice in the areas of their specialization. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

Students are expected to write and present a proposal in their area of interest having complied with requirements of seminars one to three. At the end of the course, the student is to present and submit a proposal as well as an article from the proposal in the area of marketing and other areas of specialization listed above. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

MKTG 984 GLOBAL MARKETING

3 Credits

The course provides how globalization has caused organization to change their marketing focus. It provides clearer understanding of global marketing as well as challenges, benefits from entering new markets, need for organization to be global and how digital marketing technologies have accelerated the process.

MKTG 990 THESIS

16 Credits

The student at this stage is expected to complete data collection and analysis, complete the chapter on results of the study discusses the result in relation to the existing literature, summary, conclusion and recommendation and finally defend the thesis. A section of the thesis is expected to address the ethical/moral issues emanating from the study from a biblical perspective. The principles of integrity and originality of research are extolled by the course. *The Thesis is to be registered for, over a four semester period.*

MASTER OF SCIENCE (MSc) IN BUSINESS ADMINISTRATION

Philosophy

The M.Sc. Business Administration program of the department has been designed to provide the students with a broad and solid basis for acquisition of knowledge and skills in the general principles and practical vocational applications of Management.

Objectives

1. To equip the students with essential theoretical and practical knowledge and skills needed for research and development in the field of Management, and to empower such students with the needed requirements to offer services in teaching, research and leadership.
2. The program is in complete agreement with the mission of Babcock University, in building the total man through the training of the head, heart and hand for effective leadership of the society and the church.

Upon completion of the program, the graduate will be able to:

1. Effectively manage a marketing/business enterprise.
2. Effectively initiate, conduct and supervise a research program in the field of Management
3. Effectively teach a Business Administration course at the undergraduate level.
4. Provide effective leadership, at a management scale, in a public or private enterprise.

Admission Requirements

Candidates for admission into the M.Sc. (Business Administration) degree program of the Department of Business Administration & Marketing should have:

A Bachelor's Degree in Business Administration or other relevant program of Babcock University or any other University or Institution of higher learning approved by the Senate of Babcock University with (Second Class Lower and above subject to transcript record).

or

Matured candidates with not less than 5 years relevant work experience (who possess PGD in Management) in addition to a B.Sc. degree/HND in a field other than Business Administration may be considered.

Candidates may be required to write and pass a qualifying examination before admission. The qualifying examination will usually be a written test in Principles of Management/Marketing, General Knowledge, and Use of English. The examination will be at the standard of the final year class of the B.Sc. (Business/Marketing) degree program. The admission requirements into the undergraduate programs of the Department also apply.

MASTER OF SCIENCE (M.Sc.) BUSINESS ADMINISTRATION COURSES

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL REQUIREMENTS			
GEDS 801	Religion, Faith and Morality	2		
GEDS 802	Statistics		2	
	CORE COURSES			
BSAD 800	Christian Business Ethics		3	
BSAD 802	Strategic Management		3	
BSAD 811	Intermediate Business Statistics	3		
BSAD 831	Quantitative Techniques and Computer Applications	3		
BSAD 841	Organization Behavior	3		
BSAD 842	Research Methods		3	
BSAD 843	Management Theory	3		
BSAD 862	Management Process		3	
ACCT 844	Strategic Financial Management		3	
BSAD 840	Seminar in Business Administration		3	
BSAD 8--	Specialization Electives*	6		
BSAD 890	Dissertation			6
	TOTAL (46 Credits)	20	20	6

** Students in consultation with the Course Coordinator and or the HOD are to choose TWO specialization courses (3 Credits per Course) in their First semester.*

SPECIALISATION ELECTIVES (3 Credits per Course)

Production / Operations Management

BSAD 837	Business TQM and Techniques	3
BSAD 817	Facilities Location Methods	3
BSAD 815	Operations Management	3
BSAD 823	Strategic Decisions in Production Management	3
BSAD 853	Project management	3

Entrepreneurship and Small Business Management

BSAD 803	Entrepreneurship Development	3
BSAD 821	Small Business Management	3
BSAD 863	Purchasing and Supplies Management	3
BSAD 873	Feasibility Studies and Marketing Survey	3
BSAD 883	Small Scale Business Accounting	3

Strategic Management

BSAD 875	Business Environment	3
FNCE 851	Corporate Finance	3
BSAD 872	International Business	3
BSAD 881	Business Policy	3
BSAD 861	Comparative and Change Management	3

Human Resources Management

BSAD 852	Intermediate Human Resources Management	3
BSAD 839	Organizational Change & Development	3
BSAD 882	Labour Relations & Collective Bargaining	3
BSAD 835	Organizational Design	3
BSAD 877	Theory and Administration of Compensation	3
BSAD 851	Industrial Psychology	3

Graduation Requirements

The general requirements for graduation include the following:

General Requirement Courses	-	4 Credit Units
Core Courses	-	33 Credit Units
Dissertation	-	6 Credit Units
Elective Courses	-	6 Credit Units
TOTAL	-	46 Credit Units

Course Duration

Regular: minimum of three (3) semesters and maximum of five (5) semesters.

Elongated: minimum of four (4) semesters and maximum of six (6) semesters.

Probation

Candidate scoring less than 3.00 CGPA at the end of any semester will be placed on probation for the next semester only.

Minimum CGPA for graduation: 3.0

COURSES DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 801 RELIGION, FAITH AND MORALITY 2 Credits

GEDS 802 STATISTICS 2 Credits

BSAD 800 CHRISTIAN BUSINESS ETHICS 3 Credits

This course is a reflection of integration of faith and learning in business transactions generally. It will cover areas such as Biblical bases for welfare economics; Analysis of biblical laws pertaining to business, accounting, finance and Economics: Just weights, measures and financial payments required; The accumulation of property commended; The practice of trading and bartering; Integrity in business; Fraud and dishonesty; Borrowing and lending regulations; Honest payment of wages at the close of each day; Special provision for poor and strangers; Regulations for pledges or Mortgages of personal property; Modern illustrations of Man's quest for wealth and its implication on integrity of leaders. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

BSAD 802 STRATEGIC MANAGEMENT 3 Credits

This course is a holistic approach to the changing corporate terrain of business in the areas of strategic formulation, implementation and evaluation. A balanced coverage of internal and external environments it takes a global view and, multidisciplinary perspective of the business world. The focus of this subject will be on less formal planning and more on the identification of enterprise capabilities and timely strategies. Students will be provided with an integrative learning experience that can help them develop strategic environment, knowledge and skills. This subject deals with key elements in strategy, concepts and theories – providing students with an overview of corporate policy and strategy analysis, the relationship between the firm and its environment, strategic choice, the link between strategy and organization of strategic change. It illustrates the strategic management process with a wide variety of practical examples. The case method is the primary method that will be used to synthesize the theoretical foundation of the course and assess the students' awareness of business processes and environments. Furthermore, the case method is expected to create a learning environment that will balance theory and practical applications in developing skills for resolving contemporary business issues. Moreover, the case method will ultimately help the students develop their personal managerial competencies consequent upon new emphasis that focused on student learning outcomes in addition to familiarizing them with specialized bodies of business knowledge. The course also focused on the biblical worldview of management.

BSAD 803 ENTREPRENEURSHIP DEVELOPMENT 3 Credits

This course is to equip and enhance students with the necessary knowledge, skills, behaviour, and attitudes to assume the role of entrepreneurs through structured training and institutional building programmes. Concept and objectives of entrepreneurship development. Entrepreneurship orientation, identification of ideas and venture capital opportunities. Sources and availability of resources; finance, Technology, Manpower, appropriate technology, Government regulations, National and International Regulatory and Support Environment, Marketing Plan, Policy and Strategy. Equipment of the necessary knowledge from idea generation to launching a new business, marketing and the growth element.

BSAD 811 INTERMEDIATE BUSINESS STATISTICS 3 Credits

The fundamentals of business statistics are presented. Topics may include descriptive statistics, random variables, probability distributions, estimation, and hypothesis testing, regression, and correlation analysis. Statistical software is used to assist in the analysis of these problem. The purpose of this course is to provide students with statistical tools needed by managers. The course emphasizes understanding the process associated with statistical decision, defining and formulating problems, analysing the data, and using the results in decision making.

FNCE 851 CORPORATE FINANCE 3 Credits

The course deals with the nature of the firm and corporate objectives, implications of the firm's goal for choice among alternative investment projects (the capital budgeting problem), 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. The course also analyzes financial problems corporations face that result from operating in a market environment. Major topics covered are corporate strategy and the decision to invest, forecasting exchange rates, portfolio diversification, managing exchange risk, taxation issues, cost of capital and financial structure in the multinational firm, and sources of financing. Discussion of corporate financial problems e.g. leasing, mergers, and issuance of new securities are also induced.

BSAD 815 OPERATIONS MANAGEMENT 3 Credits

Issues in operations strategy, process analysis and the use of data and managerial opinion of making effective propositions to address the questions in the cases. Major economic decision problems of production and operations management; aggregate production and work hour scheduling; multi-plant allocation of products; large scale project control (CPM) and PERT production and inventory control; demand forecasting; quality control, and short run job scheduling; the interaction of production problems with those of other functional areas; queuing theory, dynamic programming, multiple regression and correlation. The course emphasizes the values of team spirit in achievement of operations management objectives.

BSAD 817 FACILITIES LOCATIONS METHODS 3 Credits

Theory and method of facility location, plant and warehouse setting, plant layout problems and location of service facilities such as hospital and stations. Cases of actual applications of the theories shall be appraised. The course is underpinned by the core value of excellence.

BSAD 821 SMALLSCALE BUSINESS MANAGEMENT 3 Credits

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.

The course covers small firm characteristics and trend. Start-up situations and development of business plans. Venture and expansion capital, cost and benefits sources in finance, problems and prospects of small business generally and of small scale industries in particular. Case studies of entrepreneurs and small business owners. The course extols the core value of autonomy and responsibility.

**BSAD 823 STRATEGIC DECISIONS IN
PRODUCTION MANAGEMENT 3 Credits**

Analysis management decision problems in process design, equipment selection and replacement, selection of materials, project planning and control. The course is predicated on the core values of autonomy and responsibility.

**BSAD 831 QUANTITATIVE TECHNIQUES AND
COMPUTER APPLICATIONS**

3 Credits

To equip students with the necessary quantitative and statistical tools for high-level researching the Social Sciences in general, and in Business Administration in particular. The focus will be on the nature and practical applications of concepts, models and techniques in process of conducting high-level research in the analysis of management-decision situations. This will be in the areas of general quantitative and mathematical research tools including statistical analysis and the use of the computer. The course promotes the value of excellence in the workplace.

BSAD 835 ORGANISATIONAL DESIGN

3 Credits

This course takes an in-depth study of organizational processes and structures. The course will deal with developing and understanding the theories or approaches to the design of organizations where design is defined primarily in terms of structure and requisite processes of coordination and information processing. It will also cover organizational planning and design decisions and successful implementation of strategic and short-term aims of the organization. The principle of excellence was underscored in the mode of delivery of the course.

BSAD 839 ORGANIZATIONAL CHANGE & DEVELOPMENT 3 Credits

This is a practical course that addresses the issues, basic theories and methods associated with organizational change and development in contemporary organizations. In this course, participants will be exposed to a number of organizational issues including, the need for change, why organizations change or fail to change, the legal and regulatory issues associated with change, and how change helps organizations become more competitive and profitable. In this course, participants will be introduced to both historical and contemporary theories and methods of introducing change in organizations, leading change, the ethical issues of surrounding and management techniques for effectively changing an organization. The course also explores the role of leadership in change and how leaders effect change.

In this class, we explore and discuss the need and nature of planning for change, managing change, and measuring change in the context of many different situations, companies and industries. We explore various methods for change, the process steps for changing an organization and different analytical methods associated with assessing, planning, managing and measuring change. The course is oriented to contemporary business topics and students are expected to participate in class. Learning teams, individual assignments, formal cases, and a textbook are used to facilitate knowledge development and transfer. Topics include an introduction to organizational development; change process; organizational change and human resource management; organizational assessments; assessment tools and techniques; organizational interventions; human resource management interventions; and human resource metrics.

BSAD 841 ORGANIZATIONAL BEHAVIOUR

3 Credits

The concepts individuals, groups and organizational structure and theory: Organizations as socio-technical systems behavioural theory of the firm; field and systems theories; contingency approaches. Review of empirical research backing-with specific attention to the appropriateness of research techniques. The relevance of foreign theories in understanding organizational behaviour and innovations theory development to incorporate our cultures. The world of work and the Behavioural Sciences. Concept of organizational effectiveness and performance, Individual dimension and Organizational Behavior-Perception, Satisfaction-Performance, Motivation Theory and Job Design, Leadership Power and Influence in Organizations. Conflict and Conflict Resolution. Group and Interpersonal Influence. The behaviour problems of implementing management techniques in Nigeria. The course emphasizes the values of team spirit.

BSAD 842 RESEARCH METHODS**3 Credits**

This course will consider the following identification of management problems for research; research types; concepts measurement and instrumentation. Research designs and variance control; data collection analysis and interpretation methods. Theory development and the research effort, the researcher be very familiar with Research Journals in Management, to take part in class research project, partly to serve as internship opportunity and partly to generate data for illustration the issues dealt with in the course. Problems of conducting and utilizing management research in Nigeria will be discussed. The principles of integrity and originality of research are extolled by the course.

ACCT 844 STRATEGIC FINANCIAL MANAGEMENT**3 Credits**

Types of investment decisions, capital budgeting and Investment appraisal, management of Working Capital, share valuation, business combination, financial statement analysis, effect of taxation and other government policies on Investment decisions, Performance Evaluation, Pricing decisions, Capital structure and dividend policy; Portfolio theory, risk management, capital asset pricing model. Any other topical issue. The course underscores values of integrity in financial management.

BSAD 843 MANAGEMENT THEORY**3 Credits**

This course is designed to assist students to achieve the ability to acquire a clear understanding of the role of professionals and academia in emergence of management theories. The course includes an in – depth understanding of the origin and schools of management theory (both traditional and contemporary), relevance and application to operations of organizations. This course includes the nature of management theory, basic management techniques and concepts, as well as classical and neo-classical theories of organization and management. The modern and systems theories of management are also considered along with theories of motivation, leadership and contingency approach. Management conventions, basics and evaluation of management thought; the management process; current status and future directions. The course also explicate management theory from biblical perspectives.

BSAD 851 INDUSTRIAL PSYCHOLOGY**3 Credits**

The nature of work and organizations, individual and group behavior, personnel selection, personnel testing in organizations, performance appraisal, training in industrial organizations, problems of personnel training, managerial psychology, leadership and supervision, motivation, morale and other socio-economic behaviour of the workers in public administration. The spirit of servant leadership is also emphasized by the course.

BSAD 852 ADVANCED HUMAN RESOURCES MANAGEMENT 3 Credits

This course will explain the nature of human resource development process, show how features of the organization (including leadership and managerial style, organizational culture, organizational climate), and its environment (including social, economic, technological, regulatory and political factors) may influence human resource policies formulation and practices. The course will further demonstrate an understanding of the purposes, main stages, techniques and information sources of human resource planning; staffing; compensation administration; performance appraisal and management; labour relations; labour code (law), health and safety; and education, training and development. The biblical worldview of human resources management is infused into the course.

BSAD 853 PROJECT MANAGEMENT 3 Credits

This course deals with the use of production functions to develop work projects, procedures, and methods for institutions, service and industrial operations, controlling costs, providing support services, materials and equipment. Various evaluation techniques will be covered as well. The course extols the biblical principle of probity and accountability.

BSAD 861 COMPARATIVE AND CHANGE MANAGEMENT 3 Credits

This is essentially a study of the different philosophies, Oriental and Western management approaches, techniques, and styles and their impact on organizational productivity. It also deals with the types and major methods available for managing the process of change in an organization. Emphasis is placed on case studies and group discussions by the students. The course emphasizes the spirit of servant leadership.

BSAD 862 MANAGEMENT PROCESS 3 Credits

Evaluation and comparative analysis of management decision-making process. Planning strategies and objectives setting. Forecasting as a guide to planning, Process of Organizing, Departmentalization, Line and Staff and Organization Structure. Staffing Manager selection, reward, development and performance, Director-Leadership, Motivation, Communication and Control Action. regression and correlation. The course emphasizes the values of team spirit in achievement of management process objectives

BSAD 863 PURCHASING AND SUPPLIES MANAGEMENT 3 Credits

The course provides a comprehensive introduction to the purchasing and supply chain management field. The students will be exposed to different case studies covering supply chain issues in a variety of settings. Decision making through the supply chain will be studied. The course is predicated on the core values of integrity and accountability.

BSAD 872 INTERNATIONAL BUSINESS 3 Credits

The course deals with an examination of the principles and mechanics involved in the management of multinational corporations, taking particular due cognizance of the concepts of international finance and economics, especially as they affect such corporations across international borders. The course emphasized the core value of excellence.

BSAD 873 FEASIBILITY STUDIES AND MARKETING SURVEY 3 Credits

The course exposes the students to the methods of analyzing a variety of potential investment scenarios and assess both pros and cons of such decisions. Essentially, it will teach the students on how to identify market competitions, potential markets, conduct market analysis and application to areas of business ideas. The course is embellished with the excellent core value.

BSAD 875 BUSINESS ENVIRONMENT 3 Credits

The basic objective of the course is to examine the legal, social, tax, political and economic framework which business organizations must operate in the Nigerian environment. The pervasive influence of globalization and reduction of distances between nations, their value systems, language, etc., hence, international business environment will also be explored. Topic to be covered include: The concept, scope and nature of the business environment and environmental scanning, legislations relating to business. Ethical theories of business decisions, social and cultural issues in business. Theoretical and practical issues of the Nigerian political economy which dictates the basis of fiscal and monetary policies, macroeconomic management and business practices. The course emphasized the core value of excellence

**BSAD 877 THEORY AND ADMINISTRATION
OF COMPENSATION**

3 Credits

Examination of the determinants of wage levels, wage structures and individual wages, analysis of the impact of wages on work attitude and performance in organizations. The spirit of servant leadership is emphasized by the course.

BSAD 881 BUSINESS POLICY

3 Credits

This course is a holistic approach to the changing corporate terrain of business. It takes a global view and, multidisciplinary perspective of the business world, with a balanced coverage and integration of various environmental factors, tools and functional area courses aimed at developing a central management's view point. Students will be provided with an integrative learning experience that can help them develop strategic environment, knowledge and skills. This subject deals with key elements in strategy, concepts and theories – providing students with an overview of corporate policy and strategy analysis, the relationship between the firm and its environment, strategic choice, the link between strategy and organization of strategic change. Case writing and analysis are fundamental to this course.

**BSAD 882 LABOUR RELATIONS AND
COLLECTIVE BARGAINING**

3 Credits

The course considers union management relationship and the collective bargaining process. Theories, structure, functions of collective bargaining and tile concepts of bargaining power and conflicts are examined. Empirical studies in the field are surveyed; the development of problem-solving skills; role play, case studies and psychological factors influencing bargaining outcomes, especially use of data and gravities in negotiation are also examined.

BSAD 883 SMALL SCALE BUSINESS ACCOUNTING

3 credits

The course will expose students to classic financial measure. The balance sheet, profit and loss account, cash flow statement, trail balance etc. Student's capability to present information meaningful for business management decision. The cores value of autonomy and responsibility coupled with integrity is emphasized in the course delivery.

BSAD 840 SEMINAR IN BUSINESS ADMINISTRATION

3 Credits

This is an independent study of a management topic chosen by the student under the supervision of a lecturer in the department. The student is expected to have a clear set of goals and priorities that results from maintain an outcome orientation. The principles of integrity and originality of seminar process are extolled by the course.

BSAD 890 DISSERTATION

6 Credits

Independent study of a management topic approved by the department under the supervision of a lecturer in the department. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the project work.

MASTER OF PHILOSOPHY (MPhil) IN BUSINESS ADMINISTRATION

Philosophy/Objectives

Having regard to its philosophy of education on balanced and harmonious development of the whole man in his physical, social, and spiritual environment, the specific objectives of Babcock University objectives are to:

1. Provide students, a high quality education in the art, science, as well as certain professional programs for students who want to study in an atmosphere of learning governed by balanced development of the whole person;
2. Create a milieu that attracts students and faculty of high quality;
3. Dispense quality preparation for students to assume career in the professions, in industry, in public service, in business, in the art;
4. Foster critical thinking, problem-solving skills, creativity, and self-expression while striving to apply the wisdom of the past, and the discoveries of today, to the challenges of a rapidly changing world.

ADMISSION REQUIREMENTS

Candidates eligible for admission into Master of Philosophy (M.Phil.) programme in Business Administration of the Department of Business Administration and Marketing must satisfy the general requirements demanded by the Postgraduate studies at Babcock University. However, candidates should have the following:

M.Sc. (Business Administration and other relevant approved degrees subject to transcript record), from Babcock University, Ilishan-Remo or from any other recognized University within and outside the country with a minimum CGPA of 50% or 3.00 on a 5.00 scale.

MBA or other approved relevant degree(s) from Babcock University, Ilishan-Remo or from any other recognized University within and outside the country with a minimum CGPA of 50% or 3.00 subject.

Master degree in related discipline obtained from Babcock University, Ilishan-Remo or from any other recognized University within and outside Nigeria with a minimum CGPA of 3.50 or 55% average score may be considered. The admission requirements into the undergraduate programmes of the Department also apply.

MASTER OF PHILOSOPHY (M.Phil.) IN BUSINESS ADMINISTRATION COURSES

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem
	GENERAL REQUIREMENTS				
GEDS 901	Personal and Family Wholeness	2			
GEDS 902	Advanced Statistics		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
BSAD 921	Management Thought and Philosophy	3			
BSAD 912	Leadership, Organizational Behaviour and Development		3		
BSAD 931	Advanced Comparative Management	3			
BSAD 957	Advanced Research Methodology	3			
BSAD 9--	Specialization Courses		6		
BSAD 880	MPhil Seminar			3	
BSAD 890	MPhil Dissertation			(8)	8
	TOTAL (37 Credits)	13	13	3	8

NB: Candidates in consultation with the Departmental Head and PG Coordinator are to pick two specialization courses in in the second semesters of the first year.

SPECIALIZATION COURSES (3 credits per course)

See the List of Specialization Courses under PhD Business Administration Programme.

Graduation Requirements

The general requirements for graduation include the following:

General Requirement Courses	- 8 Credit Units
Core Courses	-15 Credit Units
Specialisation Courses	- 6 Credit Units
M.Phil Dissertation	- 8 Credit Units
TOTAL	- 37 Credit Units

Course Duration

Regular: Minimum of four (4) semesters and maximum of six (6) semesters.

Elongated: Minimum of five (5) semesters and maximum of seven (7) semesters.

Probation

Candidate scoring less than 3.00 CGPA at the end of any semester will be placed on probation for the next semester only.

Minimum CGPA for graduation: 3.00

COURSES DESCRIPTIONS

See the section on Course Descriptions for PhD Business Administration for the description of Courses in M.Phil in Business Administration.

DOCTOR OF PHILOSOPHY (PhD) IN BUSINESS ADMINISTRATION**A. Objectives of the Programme**

The main objective of the PhD in Business Administration as a research degree is to enable students benefit from advanced education by focusing on research, theory, and practice of business administration and to strengthen the ability for active learning through modern teaching methods and research techniques in an environment that actively seeks the mental, moral, and spiritual development of the scholar.

Specific Objectives of the Proposed Programme

Diligent graduates from this programme will be able to:

1. Analyze organizational problems by using appropriate research methods and models, interpret properly the results of the analyses, and propose effective business decisions.
2. Deliver quality instructions in business administration at all the levels of learning and create conditions for lifelong improvement in the field of management, marketing, operations research, organizational behavior, and quantitative disciplines.
3. Exhibit a high personal and professional ethical standard that would reveal Godly character in the use of business and marketing strategies in business administration.
4. Initiate scientific cooperation with other academic institutions as well as joint projects with private and public entities for development and application of business strategies.
5. Initiate, effectively carry out, and supervise academic and professional research programmes that will succinctly add value to existing knowledge on the subject matter of Business Administration.
6. Contribute adequately to character formation and the holistic nature of life that underpin the Seventh-day Adventist philosophy of education.

With these extensive knowledge gained, a PhD in Business Administration graduate would be able to publish articles in recognized local and international journals in his/her respective areas of specialization in Business Administration. In addition, he/she would be able to engage in research-based Business Administration activities needed to encourage entrepreneurship.

Admission Requirements for the Programme

Individuals eligible for admission into PhD programme in Business Administration must satisfy the general requirements demanded by the College of Postgraduate Studies at Babcock University. Additionally, applicants are required to have an MSc degree in Business Administration from Babcock University or from any other recognized university within and outside Nigeria, wherein they would have obtained an average score of at least 60% or a CGPA of 4.0 (on a 5.0-point scale). Candidates must submit official transcripts as evidence.

Candidates with a CGPA of 3.50-3.99 on a 5.0-point scale or 55-59% in the MSc in Business Administration may be admitted under conditional status to the PhD programme, provided they successfully complete a minimum of required additional 16 credits in Master's-level coursework in Business Administration at Babcock University and any other relevant area at the 60% pass level prior to commencing any coursework in the PhD programme.

Candidates with a minimum of 4.0 CGPA (on a 5.0 scale) from a cognate discipline may be considered for admission subject to prescribed remedial courses as approved by the department. An MPhil in Business Administration from Babcock University, with a minimum proficiency level of 60%, will count for the first year of the PhD programme, with the student commencing the activities of the second year of the PhD programme of studies. If the student has an MPhil in Business Administration from any other institution or in any other relevant area, with a minimum proficiency level of 60%, the student will commence the first year of the PhD programme of studies.

Note: Professional experience may not be counted to waive a deficiency in the programme requirement. Furthermore, no credits from outside BU may be counted toward the PhD degree. The admission requirements into the undergraduate programmes of the Department also apply.

Curriculum for the Programme

Candidates for the PhD will be required to complete two years (four semesters) of coursework in areas related to the focus of their PhD programme, and then will spend a minimum of one year (two semesters) developing a doctoral thesis and carrying out research related to the attainment of the PhD.

The programme of studies for the PhD in Business Administration appears I

DOCTOR OF PHILOSOPHY (PhD) BUSINESS ADMINISTRATION COURSES

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem
	GENERAL REQUIREMENTS						
GEDS 901	Personal and Family Wholeness	2					
GEDS 902	Advanced Statistics		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
BSAD 900	Christian Philosophy of Management			3			
BSAD 921	Management Thought and Philosophy	3					
BSAD 912	Leadership, Organizational Behaviour and Development		3				
BSAD 931	Advanced Comparative Management	3					
BSAD 957	Advanced Research Methodology	3					
BSAD 970	Doctoral Seminar 1			4			
BSAD 980	Doctoral Seminar 2				4		
BSAD 9--	Specialization Courses		6	3			
BSAD 990	Thesis			4	4	4	4
	TOTAL (56 Credits)	13	13	14	8	4	4

NB: Candidates in consultation with the Departmental Head and PG Coordinator are to pick two specialization courses in the second semester and one in the third semester.

LIST OF SPECIALIZATION COURSES (3 credits per course)

Operation Research and Production Management

BSAD 961	Advanced Operations Management	3
BSAD 962	Production Systems	3
BSAD 952	Mathematical Programming	3
BSAD 967	Forecasting and Demand Planning	3
BSAD 977	Advanced Strategic Operations Management	3
BSAD 976	Leadership in Plant Operation	3

Strategic Management

BSAD 971	Business Modeling and Competitive Strategy	3
BSAD 914	International and Corporate Strategy	3
BSAD 922	Advanced Strategic Management and Entrepreneurship	3
BSAD 916	Organisational structure and Management	3
BSAD 941	Change and Crisis Management	3

Human Resources Management

BSAD 924	Contemporary Issues in Human Resources Management	3
BSAD 951	Labour Code and Relations Management	3
BSAD 972	Performance and Knowledge Management	3
BSAD 968	ICT in Business	3
BSAD 944	Managing Corporate Reward System	3
BSAD 939	Talent Management	3

Entrepreneurship and Small Business Management

BSAD 918	Innovation & Change Management	3
BSAD 953	Business Environment Analysis & Start up	3
BSAD 956	Entrepreneurship Sales and Marketing	3
BSAD 968	ICT in Business	3
BSAD 959	Entrepreneurship and Innovation	3
BSAD 916	Organisational structure and Management	3

Graduation Requirements

General Courses	- 8 Credit Units
Core Courses	- 15 Credit Units
Thesis	-16 Credit Units
Doctoral Seminars	- 8 Credit Units
Specialization Courses	-9 Credit Units
TOTAL	56 Credit Units

Course Duration

Regular: minimum of six (6) semesters and maximum of eight (8) semesters.

Elongated: minimum of seven (7) semesters and maximum of nine (9) semesters. The minimum CGPA for graduation shall be 4.0 on a 5-point scale.

COURSE DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 901 PERSONAL AND FAMILY WHOLENESS 2 Credits

GEDS 902 ADVANCED STATISTICS 2 Credits

GEDS 911 RESEARCH PROPOSAL AND WRITING 2 Credits

GEDS 912 ADVANCED RESEARCH DESIGN 2 Credits

BSAD 880 MPhil Seminar 3 Credits

This course is designed to teach students how to write articles bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

This course is designed to teach students how to write internationally acceptable articles on methodology and design. The article will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

BSAD 890 M.PHIL DISSERTATION**8 Credits**

The MPhil programme culminates in a dissertation, consisting of an original based on the student's interest and supervised by a member of faculty. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defence of research proposal, execution of research work and oral defence are as stipulated in the general regulations of the College of Postgraduate Studies. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the project work.

BSAD 900 CHRISTIAN PHILOSOPHY OF MANAGEMENT**3 Credits**

This team-taught course was designed to expose the doctoral students to management and its different philosophies from biblical perspectives. The course endeavours to present biblical principles and illustrative cases, as well as construct an underlying biblical worldview for management scholars. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

BSAD 921 MANAGEMENT THOUGHT AND PHILOSOPHY**3 Credits**

Analysis of the economic-profit orientation/ideology of business organization, objectives, philosophy, and the precepts of not-for-profit-organization in the current dispensation. Taylor's F o r d , Max Weber, Frank and Lillian Gibreth, Fayol, and Follett. The doctrine of profit, capitalism, communism concepts in relation to Adam Smith's theory of wealth, Marxian appraisal of profit, and Keynesian on wealth and profit. Others are critical appraisal: just-price, code of Hammurabi, social responsibility, corporate governance, Schumpeterian view, and poverty. This course will emphasize more than anything else that God is the origin of management thought and philosophy. The course also focused on the biblical worldview of management.

**BSAD 922 ADVANCED STRATEGIC
MANAGEMENT AND ENTREPRENEURSHIP****3 Credits**

Analysis of current issues in entrepreneurship, principles, scope and nature of investment, problems and organizing new venture in small business. Topics covered include the enterprising spirit, proposal writing, financing, organizing, and operating aspects. The process of decision-making, expansion, exit, strategic alliances and exegesis of developed economies and transiting economies: entrepreneurial roles and duties within these economies. International approaches, market analysis, currency swaps, and global strategies. Biblical concepts of creativity will be covered in the course of the study. The course also focused on the biblical worldview of management.

BSAD 931 ADVANCED COMPARATIVE MANAGEMENT**3 Credits**

Significant interest has been generated by the corporate performance in different parts of the world, for example, Japan, which have been related to styles of management. The course will study the differences in style, and concept of style and its role in effectiveness of organizations. The course will extol the biblical principle of unity in diversity. The course will extol the biblical principle of unity in diversity. The course emphasizes the spirit of servant leadership.

**BSAD 912 LEADERSHIP, ORGANIZATIONAL
BEHAVIOR & DEVELOPMENT****3 Credits**

This course provides the students with a systemic view of human behaviour in organizations. The intra, inter, and supra-inter group interactions and the impact on organizational effectiveness. It concomitantly aligns and reconciles persons' behaviour with organization's non-persons requirements. The course covers inputs and simulations on leadership , motivation, personality theories, communication, group effectiveness, culture, organizational culture, change, conflict and time management and organizational development. The biblical

principle of servant-leader concept shall be emphasized. The course will extol the biblical principle of unity in diversity. The course emphasizes the spirit of servant leadership.

BSAD 914 INTERNATIONAL AND CORPORATE STRATEGY 3 Credits

In this course, the school will focus on a core subfield of strategy - strategic alliance, networking, outsourcing and off-shoring, franchising, joint venture, merger and acquisition. Corporate strategy—which has the following defining question: "What businesses should the firm compete in, and how should resources be allocated across those businesses?" Corporate strategy comprises an interrelated set of three key phenomena and associated research; value creation (e.g., diversification and vertical (integration), scope (e.g., mergers and acquisitions), and execution (e.g., role of the corporate office). While corporate strategy is often studied purely as a "content" field, we will adopt an integrative content-process orientation in this course. The course emphasizes the values of team spirit in achievement of marketing objectives.

BSAD 916 ORGANIZATIONAL STRUCTURE AND MANAGEMENT 3 Credits

Organizational structure and management course is designed to enable students appreciate the essence of structure in every organization. It appraises the nexus between organizational objectives and structure. The course also reviews the underpinning theories of organizational structure as well as the dimensions of Job description and organizational structure. The course emphasizes the values of team spirit in achievement of marketing objectives.

BSAD 918 INNOVATION AND CHANGE MANAGEMENT 3 Credits

Management of change is designed to acquaint students 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 organization's task environment and making sure that change initiatives are in harmony with the environment. The course emphasizes the spirit of servant leadership.

BSAD 924 CONTEMPORARY ISSUES IN HR MANAGEMENT 3 Credits

This course was design to provide a comprehensive view on HR challenges with reference to context and content differential and practices in the major areas of HR functions. It covers concepts and theories in global employment law and labour relations, culture in international staffing, "total compensation" benefits, and tax of international staff, performance management of international assignees, sexual harassment and child labour, discrimination and human trafficking, HR policies, procedure and systems for multinational firms, health and safety activities instituted to safe guide lives and properties of the organization. The focus is on practical, theoretical and empirical debate, comparative analysis and dialectic learning which give students the knowledge and skills needed to direct and support supervisors in this important HR management domain.

BSAD 939 TALENT MANAGEMENT 3 Credits

The course will equip the students with skills and knowledge required for talent management, retention and development. The course will identify methods to determine talent for a person.

BSAD 941 CHANGE AND CRISIS MANAGEMENT 3 Credits

This hybrid course provides students insights into key concepts, theoretical perspectives, and essential critical thinking and problem solving skills necessary for effective change and crisis management within organisations. The course focuses on effective change and crisis management concepts and models, especially in the following areas: understanding change in the environment, forms/types of organisational change, theories of effective change implementation, analytical skills for crisis management, types and stages of crisis, crisis management phases/cycle, and fundamentals principles/strategies of crisis management. Real life case

illustrative, exercises, and simulations will be used to give students an interactive experience and a realistic understanding of the limitations and opportunities that arise in high-pressure change and crisis management situations.

BSAD 944 MANAGING CORPORATE REWARD SYSTEM 3 Credits

This course provides students insight into the concepts, underpinning theories and practical applications of corporate reward system, which is a critical part of the HRM practices. The course focuses on how organizations manage their reward systems (financial, non-financial, psychological, extrinsic and intrinsic rewards) in order to encourage employee performance, loyalty, retention as well as have an edge in a competitive corporate environment.

BSAD 951 LABOR CODE AND RELATIONS MANAGEMENT 3 Credits

This course provides knowledge on theories of human relationship and dynamics at work place, ethical behaviour, employment laws, equals employment issues, collective bargaining, negotiation, conflict, mediation, arbitration and discrimination. Employment laws (e.g., minimum wage regulations, employment discrimination, workers' compensation, sexual harassment, workplace safety, human trafficking, child labour, and Whistle blower) as enacted to protective workers will be discussed. It further looks at the International Labour Organization (ILO) Laws, the rights and privileges of workers, and the structured remedies available to employees and employers during labour disputes through workers' unionism, fair labour practices, unfair labour practices and the bible concepts of justice price, wages and law will be examined.

BSAD 952 MATHEMATICAL PROGRAMMING 3 Credits

Basic Linear Programming with Algebraic and geometric interpretations used in the concept of optimization in Production processes. Introductory non Linear and Integer Programming Problems. Formulation of Problems and application of mathematical Programming Solutions. The course promotes the value of excellence in the workplace.

BSAD 953 BUSINESS ENVIRONMENT ANALYSIS & START-UP 3 Credits

This course is about the analysis of the business environment and start up as a strategic tool for business success. The most commonly used detailed analysis of the environment is the [PESTLE analysis](#) for assessing the external and internal elements, which can affect the organization's performance. Additionally, this course deals with starting a business as well as the benefits and costs, both personal and professional, of an entrepreneurial career.

Students learn how to establish start-up teams, identify opportunities, and obtain resources for effective running of business organization. Core concepts of transparency and fairness are taught based on the challenges faced by managers in the ethical decision-making process that would take into account critical values of the institution namely; accountability and integrity, honesty and transparency, and responsibility and the exercise of intellectual freedom. These values are discussed in the light of the Holy Scriptures.

BSAD 957 ADVANCED RESEARCH METHODOLOGY 3 Credits

The course is intended to foster academics research methods and writing skills that will enable students to participate as scholarly life and discuss as professionals. The course is designed as avenue to develop a strong research skill. The ontology and existentialism of research will be discussed.

BSAD 959 ENTREPRENEURSHIP AND INNOVATION 3 Credits

Aims to provide students with understanding of the nature of enterprise and entrepreneurship and introduces the role of the entrepreneur, innovation and technology in the entrepreneurial process. It is not about small business or life style businesses but instead the development of growth oriented businesses – whether for-profit or not-for profit. Entrepreneurship is both a way of

thinking and a way of doing. It involves 'building something from nothing' and successful entrepreneurs know how to manage and mitigate uncertainty and risk. The course content is relevant to those individuals thinking about starting a business or who already in business – large or small, those who are interested in commercializing their own innovations or of others, and those who advise entrepreneurs or engage in policy making in the entrepreneurship area.

BSAD 961 ADVANCED OPERATIONS MANAGEMENT 3 Credits

The aim of this course is to teach students the various advanced methods and models for planning, management, and decision making in the supply, operations, and logistics chain. It emphasizes the integration and coordination of resources for productivity improvement. Other topics to be covered include aggregate planning methods with emphasis on the mathematical model; seasonal production planning and work force planning. Determination of capacity in service systems; services design and services mix. 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, production scheduling and sequencing. The course promotes the value of excellence in the workplace.

BSAD 962 PRODUCTION SYSTEMS 3 Credits

This course is designed to expose students to the basic systems of manufacturing and appreciation of various system inputs. The course will also help students to understand the basic resources and processes for manufacturing as well as principles of quality control and quality assurance. The course promotes the value of excellence in the workplace.

BSAD 967 FORECASTING AND DEMAND PLANNING 3 Credits

The course explain old planning theories, model, best practices to help students, deal with future scenarios in order to ensure continuous flow of inventory at the least possible cost. Examine, measuring accuracy of the forecast, forecasting demand and lead time and introduction to stock management and inventory system

BSAD 968 ICT IN BUSINESS 3 Credits

It introduces students to ICT in business environment and builds a foundation of digital literacy skills necessary for success – technologically driven society. Students will learn word processing, spreadsheet, database, desktop publishing, presentation software and website design skills, effective electronic research, etc.

**BSAD 971 BUSINESS MODELING
& COMPETITIVE STRATEGIES 3 Credits**

This course draws on a growing body of theoretical and empirical research which examines relationships between an organization's environment, its strategy, and performance/outcomes. Topics include theoretical concepts of the environmental analysis and evaluation and their empirical counterparts, simulation of VIRO, Balance Scorecard, Product life cycle, business cycle, diffusion of innovation, financial ratios, liability of newness, value chain analysis, blue ocean and red ocean strategies, slack hours, incremental cost and opportunity cost, generative strategy, externalities, and game theory. The content further looks at industry analysis, strategic alliances, generic strategies, competitive information/business intelligence, revolution and evolution change within a balance of theoretical and practical work. The Bible concept of foreseeing the future will be factored into the delivery of the course.

BSAD 972 PERFORMANCE AND KNOWLEDGE MANAGEMENT 3 Credits

This hybrid course requires knowledge application in stimulating persons and firms' performance improvement both in outcomes and results. It emanated from the contemporary philosophical

tenet that intellectual and social capital are valuable to knowledge-based firms. The ability of an organization to learn, acquire, and apply knowledge to create, innovate, and share knowledge improves individuals and organizational performance. Competitiveness and sustainability become progenitors of performance and knowledge management. The course covers the characteristics and underpinning theories in knowledge and performance management, reasoning and logic, intellectual and social capital, knowledge-based approaches to job embeddedness, job characteristics, turnover model, and competitive advantage. It continues with a description of the performance management cycle and its three constituents: performance agreement, managing performance continuously, and reviewing and assessing performance. Finally, it looks at performance and knowledge management from biblical teachings especially in the writings of King Solomon and Ellen G. White

BSAD 976 LEADERSHIP IN PLANT OPERATION 3 Credits

It intends to equip the students with tools and concepts that can be used to improve current operations. It promotes transition from focusing on shop floor and technical issues to thinking more about the business, integrate lean manufacturing practices to lower costs, align manufacturing and operations with other business functions.

BSAD 970 DOCTORAL SEMINAR 1 4 Credits

This course prepares the students to search the literature in their area of interest as to identify the evolution of knowledge in this area in chronological order. It will eventually lead students to identifying the gaps in the literature, undertaking gaps analysis having done a summary table of literature that has been searched. This will ultimately allow the student to choose a topic around the gap identified in their areas of interest e.g. marketing, entrepreneurship, corporate governance, management accounting, human resources management and business administration. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

The course will help the students to undertake a search of the literature and develop the conceptual, theoretical and empirical framework of topic chosen in the area of their interest as highlighted above. At the end of this course, students are expected to submit and present an article based on the literature. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

BSAD 980 DOCTORAL SEMINAR 2 4 Credits

The students are expected to do a comprehensive search of methodology and design in the area of interest. A summary table to research method and designs, sampling techniques, method of data collection and analysis as well as research instrument used by past researchers in the students' area of interest must be documented by the students. At the end of the course, the student is expected to present and submit an article based on the past methodology and designs used in their areas of interest noting the merits and demerits of such methodology and designs. The students are to select the one they hope to use for their studies and justification for the choice in the areas of their specialization. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

Students are expected to write and present a proposal in their area of interest having complied with requirements of seminars one to three. At the end of the course, the student is to present and submit a proposal as well as an article from the proposal in the area of marketing and other areas of specialization listed above. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

BSAD 990 THESIS 16 Credits

The student will develop the proposal, including the chapter review of literature and the chapter on methodology. This section of the proposed thesis should discuss the Christian worldview pertinent to the study as part of the theoretical framework for the study. The proposal so developed will be presented for approval. The candidate is expected to dedicate a section in chapter two to an

aspect of a biblical worldview as it relates to the area of his/her specialization. The core value of autonomy and responsibility coupled with integrity is emphasized. The student is expected to complete data collection and analysis, complete the chapter on results of the study discusses the result in relation to the existing literature, summary, conclusion and recommendation and finally defend the thesis. A section of the thesis is expected to address the ethical/moral issues emanating from the study from a biblical perspective. The core value of autonomy and responsibility coupled with integrity is emphasized. *The Thesis is to be registered for, over a four semester period.*

DEPARTMENT OF BUSINESS ADMINISTRATION AND MARKETING



POST GRADUATE DIPLOMA (PGD) IN FINANCE

Philosophy

The philosophy behind Post Graduate Diploma (PGD) Programme in Finance is to provide an opportunity for graduates who are interested in taking a higher degree in the field of Finance. The programme offers candidates opportunities of acquiring knowledge and remedial training of basic courses in Finance. This is to prepare graduates of universities or equivalent qualifications of those who did not have first degrees in Finance, Accounting, Business Administration and so on, to either pursue higher postgraduate degree programmes in the fields of finance or prepare them for managerial positions in the financial (services) industry. The PGD students will have the opportunity to develop their intellect through theory, practice and the integration of faith with learning in Finance. Thus, the intention is to produce for the Nigeria Economy Man-power that is evidenced by enquiry, independence and integrity. Such men and women will contribute in modelling and reforming the Nigerian Financial System.

Objectives

Objectives of the programme are as follows:

1. To train professional Financial Experts.
2. To explain financial concepts, theories and models through empiricism and application.
3. To integrate faith into learning and practice of financial operations, matters and practices.
4. To provide understanding of the core courses in finance.
5. To provide knowledge of the basic skills and tools for decision making in the discipline in the private and public sector.
6. To develop manpower for financial and investment policy formulation and implementation.

7. To produce graduates who will approach the research process from a Christian perspective.
8. To train man-power for the SDA church work in Nigeria and West and Central African Division (WAD).

Course Structure

The programme is made up of fourteen (14) courses and one (1) long essay (Research Project). Eight (8) courses are offered during the first semester, while six (6) courses and a long essay are offered the second semester. All courses are assigned two (2) credit units each. The long essay carries 4 credits.

Admission Requirements

Candidates must have a minimum of Third Class Division in Finance, Banking and Finance, Insurance, Economics, Accounting, Business Administration, Marketing or any other degree from Babcock University or from any other recognized University. Holders of professional qualifications such as ACA, ACIB, ACIS, ACS, ACCA, etc. and Higher National Diploma (HND) in Accounting, Finance, Banking and Finance, Insurance, Business Administration, Marketing etc. are eligible to apply. Also, interested candidates with minimum of Second Class Lower Division (2²) in any other areas or field of study may apply.

Course Duration

Regular Semester Module: **minimum of two (2) semesters.**

Elongated Semester Module: **minimum of three (3) semesters.**

Graduation Requirements

Candidates must pass a minimum of twenty (28) units of course work and a defended research project of four (4) units in a minimum of two (2) semesters. The minimum of thirtytwo (32) credits are required for the completion of the programme.

Post Graduate Diploma (PGD) in Finance Course Listing

COURSE CODE	COURSE TITLE	1st Semester	2nd Semester
	GENERAL COURSES		
GEDS 701	Religion and Society	2	
GEDS 702	Statistics		2
	CORE COURSES		
FNCE 711	Concepts & Applications of Business Finance 1	2	
FNCE 721	Fundamentals of Accounting	2	
FNCE 731	Elements of Economics	2	
FNCE 741	Foundations of Financial Management	2	
FNCE 751	Quantitative Techniques for Financial Decisions	2	
FNCE 761	Theory & Methods of Research	2	
FNCE 771	Marketing in Financial Industry	2	
FNCE 712	Concepts & Applications of Business Finance 2		2
FNCE 734	Investment & Portfolio Analyses		2
FNCE 742	Modern Concepts in Management		2
FNCE 758	Financial Mathematics		2
FNCE 764	Money, Banking & Financial Economics		2
FNCE 790	Research Project		4
	TOTAL = 32 Credits	16	16

COURSE DESCRIPTION

See pages 35-36 for description of GEDS courses.

GEDS 701 RELIGION AND SOCIETY 2 Credits

GEDS 702 STATISTICS 2 Credits

FNCE 711 CONCEPTS AND APPLICATIONS OF BUSINESS FINANCE I 2 Credits

The nature and risks of Limited Liability Company. The firm and its objectives. The objectives of financial decisions. The scope of finance and financial manager's function – investment, financing and dividend. Financial management as tools for planning and control of company operations. Principles of planning and control. Financing business; Sources of finance – Short term; medium term, long-term. The stock market; functions, meaning of market price, Market value and market participants. Information available to investors: economy, industry, and company information. Understanding company financial information: Ratio analysis. Concepts of time value of money - Compound interest, present value, annuities, terminal value and perpetuities.

FNCE 721 FUNDAMENTAL OF ACCOUNTING 2 Credits

History and development of Accounting, the nature and scope of Accounting, the role of Accounting, Users of Financial Statement, The Accounting functions and its relationship with the

information system of organizations, accounting procedure and systems, Basic documentation process, double entry book keeping, the trial balance, depreciation, disposal, final account of a sole trader, preparation of final accounts, manufacturing , trading profit and loss account, balance sheet for sole proprietorship ; and limited liability company. The course underscores values of integrity.

FNCE 731 ELEMENTS OF ECONOMICS 2 Credits

This course introduces economic analysis of individual, business and industry choices in the market economy. Topic include the price mechanism, supply and demand, optimizing economic behaviour, costs and revenue, market structures, factor markets, income distribution, market failure, and government intervention. Also, topic includes an overview of macroeconomics; measuring gross domestic product, inflation and unemployment; demand including the multiplier process; supply, business cycles, long –term growth; money, banking and monetary policy; inflation; interest rates; stagflation; deficits and fiscal policy; exchange rates and balance of payments; exchange rate policy; purchasing power and interest rate parity. Upon completion, students should be able to identify and evaluate consumer and business alternatives in order to achieve economic objectives efficiency. Students examine how the economy behaves at the aggregates level and how national income is measured and determined.

FNCE 741 FOUNDATIONS OF FINANCIAL MANAGEMENT 2 Credits

Brief review of introduction to business finance, investment decision and types of investment decisions. Capital budgeting and investment appraisal. Management of working capital, share valuation, amalgamations and takeovers, valuation of business. Financial statements analysis,' effect of taxation and other government policies on investment and financing decision. Intra-company and inter company performance evaluations problems of transfer, pricing financing imports and exports, effects of inflation on financial management and reporting capital structure; dividends and retention policy; Modigliani; and Miller's theory. Management of risk and uncertainty; alternative attitude of risk, portfolio theory, capital assets and prices of models. Emphasizes basic concepts and analytical tools for financial decision-making and in understanding the market environment in which firms operate. Possible topics include the concept of organizational goals and the selection and preparation of information essential to financial planning and controls of firms' separations, such as cost estimation and analysis, cost-volume-profit analysis, budgeting and budgetary control, variance analysis and cost

FNCE 751 QUANTITATIVE TECHNIQUES FOR FINANCIAL DECISIONS 2 Credits

The course employs techniques from other mathematical sciences, such as mathematical modelling, statistical analysis, and mathematical optimization, operations research arrives at optimal or near-optimal solutions to complex decision-making problems. It is concerned with determining the maximum (of profit, performance, or yield) or minimum (of loss, risk, or cost) of some real-world objective. It also encompasses a wide range of problem-solving techniques and methods applied in the pursuit of improved decision-making and efficiency, such as simulation, mathematical optimization, assignment and transportation techniques, [queuing theory](#), [linear programming](#), [replacement analysis](#), [network analysis](#), and other stochastic-process models, Markov decision processes, , data envelopment analysis, neural networks, expert systems, decision analysis, and the analytic hierarchy process. It is a course that helps to determine which of these techniques are most appropriate given the nature of the system, the goals for improvement, and constraints on time and computing power.

FNCE 761 THEORY AND METHODS OF RESEARCH 2 Credits

The objectives of the course is to introduce the students to scientific enquiry through gathering and analysis of relevant data. The principles of integrity and originality of research are extolled by the course. Definition of research. The role of research in development. The uses of different

statistical procedures including survey methods. Definition and scope of economic research. Stages of economic research.

FNCE 771 MARKETING IN FINANCIAL INDUSTRY 2 Credits

Marketing concepts and definition, Marketing Philosophies; Marketing of financial services and Marketing of goods compared; Characteristic of financial services, Elements of marketing; Variables in financial services strategies.

- **Marketing Mix** – Product – Definition and types; Product development and segmentation, product development strategies, New Technology for bank product Development.
- **Pricing** – Definition of Types; Determinants of price; Initiating and responding to price changes; Pricing Strategy.
- **Place** – Channels of distribution, Direct and Indirect distribution, factors determining, Channel of distribution, constraints to choice of channels, Types of delivery system.
- **Promotion** – Advertising; definitions, types and basis for selection; personal selling; merits and demerits. Sales promotion; objective, tools, implementation and evaluation, Publicity; definition, objectives, sources implementation.
- **Public Relations** – Definition, reasons for PR, function of a PR, problems of PR in banks.
- **Customer Relations** - Concept of customer relations, customer services Management, changing trend in customer relations.

**FNCE 712 CONCEPTS AND APPLICATIONS
OF BUSINESS FINANCE 2**

2 Credits

This course deals with the Investment decisions of the firm under condition of Certainty or uncertainty. The problems of mutually exclusive, independent and dependent projects in capital. Rationing. The measurement and usefulness of cost of capital and capital structure. Working capital management; inventory, debtor, cash, creditor and working capital cycle. Concept of capital market efficiency and the pricing of capital asset. A decision on the relevance of dividend decision for the firm.

FNCE 734 INVESTMENT AND PORTFOLIO ANALYSES 2 Credits

Types of investment, government securities, investment earning and redemption; investment trusts, unit trusts, insurance companies, life assurances; key institutions in capital markets, stock exchange securities, trustee, public companies. Sources of finance-Disadvantages and advantages of each source. Time value of money, compounding methods; Discounting techniques, determination of interest rate and yields, sinking fund, Evaluation of projects, measurement and risk control. Objectives of portfolio management, models of stock Behaviour. Theory of portfolio selection, data inputs for portfolio; computation of stock market indices; portfolio performance measurement and valuation; valuation of stock and shares.

FNCE 742 MODERN CONCEPTS IN MANAGEMENT 2 Credits

The course examine the eight (8) elements of the management process: planning, organizing, leading, controlling, staffing, etc. Identify principles to assist managers in adapting these elements to fit a variety of situations and enterprises. Reviews methods of improve the quality of managerial decisions in small and large, profit-seeking and not- for-profit organizations. Topics include management as a discipline, principles of management, levels of management, alternate organizational models, effective decision making, mission and strategy, operational strategy and adaptive planning, strategic management process, purposes of strategic management, principles of strategies planning, strategic management formulation procedures, business policy, elements of corporate strategy.

FNCE 758 FINANCIAL MATHEMATICS

2 Credits

Financial Mathematics is the application of **mathematical** methods to **financial** problems. (Equivalent names sometimes used are quantitative **finance**, **financial** engineering, **mathematical finance**, and computational **finance**.) It draws on tools from probability, statistics, stochastic processes, and economic theory. It is a field of applied mathematics, concerned with mathematical modeling of financial markets. The course explores the concept of “time value of money”. The module focuses on how to calculate present values and future values using compounding and discounting techniques. Additionally, this module goes on to outline how the present values of annuities, perpetuities and growing perpetuities can be calculated. Each concept is reinforced with practical and applied exercises and case studies. By the end of this module, you will have a solid understanding of how discounted cash flow techniques are used to evaluate future cash flows. Financial Mathematics includes (but is by far not limited to) the following topics:

- Understand the concept of the time value of money
- Explain terms such as present value, future value, NPV, DCF, annuities, and perpetuities
- Use DCF techniques to calculate present values
- Calculate the present value of cash flow streams such as annuities and perpetuities
- Mathematical Modelling of Financial Markets (in a broad sense, includes commodities, raw materials, food, energy, currencies, credits, ...)
- Statistical Analysis of Financial Markets, Financial Econometrics
- Pricing and Hedging of Financial Products
- Risk Assessment and Risk Management Strategies
- Optimal Investment, Optimal Consumption, ... (Utility Optimization).

FNCE 764 MONEY, BANKING AND FINANCIAL ECONOMICS 2 Credits

Origin of Money; Definition of Money; Functions of Money; Types of Money; Origin of Banking; Definition of Bank; Who is a banker? Classification of Banks; Banking Services, Savings and Investment; Money creation by Banks. **Basic Concepts in Banking:** Typical Balance Sheet of Central Bank of Nigeria and Commercial Banks. The Regulatory Authorities (CBN, NDIC) requirements for Commercial Banks Assessment of various services offered by Banks. Cheques clearing system in Nigeria. The bank as catalysts in economic development. Foreign Exchange Market – guideline and method of operation. The role of Chartered Institute of Bankers of Nigeria and Financial Institutions Training Centre in Manpower development for the financial industry. Importance of Bankers' Committee and the Monetary Circulars to the banking industry. Importance of Bankers' Committee and the Monetary Circulars to the banking industry.

(a) Evolution And Structure of Nigerian Banking System:

Types of Banking Institutions - Central Bank, Merchants Banks, Commercial Banks, Universal Banks, Development Banks; Non-financial Institutions features, e.g. Insurance Companies, Pension funds, Finance Houses – The distinguishing similarities, Differences, importance and Functions of these financial Institutions.

(b) Evolution and Structure of Financial Markets in Nigeria:

Money and Capital Markets – Instruments of trade and participants in the markets. The Stock Exchange – Players in the market, e.g. Bulls and Bears. Securities and Exchange Commission, the First and Second Tier markets. Requirements for listing in the markets.

(c) Evolution And Structure of International Financial Institutions:

World Bank and its affiliates, International Monetary Funds and its conditionality. European Union, Economic Community of West African States, African Development Bank; African Bankers' Association, West African Clearing House.

FNCE 790 RESEARCH PROJECT

4 Credits

This is an independent study of a researchable topic, approved by the department, embarked upon by the students under the supervision of a lecturer in the department. Students are required to present and defend the project (proposal and final paper) before a departmental panel set up for that purpose. The completed work is expected to be submitted at the end of the programme. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the research project.

MASTER OF SCIENCE (M.Sc.) IN FINANCE

Philosophy

The philosophy of Master of Science in Finance (M.Sc.) Program is to provide an opportunity for graduates who are interested in taking higher degrees in Finance. The M.Sc. students will have the opportunity to develop their intellect through theory, practice and the integration of faith-based, values and learning in Finance with current trends in Scholarship. Thus, the intention is to produce for the Nigerian and the World at large, a reliable economy and financial base characterized diligence man-power that is evidenced by enquiry, independence and integrity. Such men and women will contribute significantly to modelling, reforming and transforming both the Nigerian and the World Financial System.

Vision

We seek to be a world-class citadel of knowledge in the area of finance, providing cuttingedge finance education and ground-breaking research that transforms individuals, organizations, business practice, and society to contemporary business and finance environment.

Mission

Providing conducive environment for teaching and learning for imparting skills, knowledge, behavior and attitude; advance and protect the independence of the academic enterprise; engender a sense of selfless public service and promote sound academic excellent minds; educating and inculcating values of integrity and accountability to our students through teaching, research and community service.

Objectives

- i) To train professional and academia financial experts.
- ii) To develop manpower for financial policy formulation and implementation.
- iii) To explain financial theories and models through empiricism and application.
- iv) To integrate faith into the learning and practice of financial matters and practices.
- v) To produce graduates who will adopt faith-based research processes from a Christian perspective.

Master of Science in Finance (M.Sc.) Areas of Specialization:

- a.) Investment Finance
- b.) Development Finance
- c.) International Finance

a) **Admission Requirements:** Every candidate will be required to satisfy the regulation governing Postgraduate Studies at Babcock University. However, the following are specific: Candidates must have a minimum of Second Class Lower Division in Finance, Economics, Accounting, Business Administration, Marketing, Insurance, Actuary Science or other areas of business or management related course from Babcock University or from any other recognized University. Also, holders of Postgraduate Diploma in Finance, Economics, Accounting, Business

Administration, Management, Marketing, Insurance, Actuary Science from Babcock University or any other recognized University may apply.

b) Graduation Requirements: Before graduation, M.Sc. FINANCE candidates must pass a minimum of 43 units of coursework and defend a Dissertation (6 units) in a minimum of 3 semesters. Thus, a *minimum* of 49 credits (units) is required for the completion of the Program.

Programme Options

There is only one programme option for students enrolling in the program, namely; Dissertation cum Emphasis Option (DEO).

(i) Dissertation cum Emphasis (Specialized) Option (DEO):

The Dissertation cum specialized program option affords students a wider exposure to the subjects of finance. The student in this option will satisfactorily complete 49 credits in total. This includes 4 credits GEDS courses, 33 credits core courses requirement (with Dissertation writing), and 12 credits specialized elective courses. Candidates at the completion of the program would be versatile enough and would qualify as both academic and professional in his or her area of specialization.

Condition for Course Offering

There must be at least five registered students for a course to be offered. In case this condition is not met at the end of each registration exercise, concerned students should consult with the Program Coordinator for possible re-alignment, rescheduling or transfer. Any course offered with less than five registered students may be withdrawn and may later be re-offered.

Transfer of Credits Policy

The policies of the College of Postgraduate Studies on transfer of credits from other universities, as published in her PG Academic Bulletin, will be strictly followed.

Program Duration (Tenure)

The Post-Graduate policy on Program tenure for Master Degrees stipulated minimum of three (3) semesters. Nevertheless, that is the minimum for every program as per the NUC requirement. Candidates on the M.Sc. in Finance Degree program are expected to spend between three (3) to five (5) semesters on the program depending on the option and the module of choice. The details per option and module are as follows:

- Those on **Regular Semester Module** with Dissertation cum Emphasis Option (DEO) are to spend *minimum* of three (3) semesters and maximum of five (5) semesters.
- Those on **Elongated Semester Module** with Dissertation cum Emphasis Option (DEO) are to spend *minimum* of Four (4) semesters and maximum of six (6) semesters.

The breakdown of the above analysis is shown in the table below:

S/N	MODULE	OPTION	TOTAL CREDITS	SEMESTER MAXIMUM LOAD
1.	Regular	Dissertation cum Emphasis Option	49	20
2.	Elongated	Dissertation cum Emphasis Option	49	14

***Note,** however that graduation is based on satisfactory completion of graduation requirements and not on how many semesters a student has spent on the program. If any student enrolls in the program with an approved credit transfers, such candidate is expected to satisfy CPGS Policy on Program duration. Students are advised to refer to academic policy of their respective bulletin.*

Course Content for Master of Science (MSc.) in Finance

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL COURSES			
GEDS 801	Religion, Faith and Morality	2		
GEDS 802	Statistics		2	
	CORE COURSES			
FNCE 800	Christian Financial Ethics		3	
FNCE 821	Financial Management and Policy	3		
FNCE 822	Security and Portfolio Analysis		3	
FNCE 831	Macroeconomic Theory in Finance	3		
FNCE 824	Financial Analysis and Reporting		3	
FNCE 857	Econometric Applications in Finance	3		
FNCE 828	Quantitative Analysis in Finance		3	
FNCE 889	Research Methods in Finance	3		
FNCE 870	Seminar in Finance			3
FNCE 8--	Elective Course*		3	
FNCE 8--	Specialization Courses†	6	3	
FNCE 890	Dissertation			6
	TOTAL (49 Credits)	20	20	9

** Each student is required to select one (1) elective course in the 2nd semester, from the pool of elective course, to make up to the required number of course load for the semesters.*

† Each student is required to take two (2) specialization courses in the 1st semester and one (1) specialization course in the 2nd semester, in consultation with the PG Coordinator and HOD.

ELECTIVES:

FNCE 886	Project and Infrastructure Finance		3
FNCE 842	Management of Financial Institutions		3

SPECIALIZATION (EMPHASIS)

	<i>INVESTMENT FINANCE</i>		
FNCE 851	Corporate Finance	(3)	
FNCE 846	Theory of Financial Intermediation		(3)
FNCE 853	Financial Regulation and Supervision	(3)	
	<i>DEVELOPMENT FINANCE</i>		
FNCE 875	Development Finance Institutions	(3)	
FNCE 886	Project and Infrastructure Finance		(3)
FNCE 865	Small Business Finance	(3)	
	<i>INTERNATIONAL FINANCE</i>		
FNCE 841	International Business Finance	(3)	
FNCE 842	Management of Financial Institutions		(3)
FNCE 845	Global Banking Systems	(3)	

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 801 RELIGION, FAITH AND MORALITY 2 Credits

GEDS 802 STATISTICS 2 Credits

FNCE 800 CHRISTIAN FINANCIAL ETHICS 3 Credits

This course is a reflection of integration of faith and learning in financial transactions generally. It focuses on building ethical issues around honesty and prudence in the financial transaction of firms and the likes. It will cover areas such as Biblical bases for welfare economics; financial ethical theories; Analysis of biblical laws pertaining to business, accounting, finance and economics: Just weights, measures and financial payments required; The accumulation of property commended; The practice of trading and bartering; Integrity in business; profiteering, fraud and dishonesty; borrowing and lending regulations; honest payment of wages at the close of each day; special provision for poor and strangers; regulations for pledges or mortgages of personal property; modern illustrations of Man's quest for wealth and its implication on integrity of leaders. Moral and ethical values of financial transactions, as guided by biblical principles (e.g. principles of equity, to whom much is given, much is expected). *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

FNCE 821 FINANCIAL MANAGEMENT AND POLICY 3 Credits

This course is designed to develop the financial skills and logical thought processes necessary to understand and discuss financial policy decisions in a global economy. Specific objectives include developing an understanding of the time value of money; using financial statements in decision making; and understanding the nature of financial markets, the cost of capital, valuation of stocks and bonds, management of short-term assets, short-term and long-term financing, and multinational financial management. Topics also include financial statement analysis; financial forecasting; working capital management and short-term borrowing; valuing financial assets; capital structure, cost-volume-profit analysis, budgeting and budgetary control, variance analysis

and cost, capital budgeting; risk and return, asset evaluation capital markets and sources of long-term financing; dividend policy; business financial planning and foreign exchange. Requires a financial calculator and provides an opportunity to develop computer spreadsheet skills. Emphasizes basic concepts and analytical tools for financial decision making and in understanding the market environment in which firms operate. Students are guided to develop a basic understanding of business finance which deals with how organizations effectively manage their operating and fixed assets and fund them with an optimal mix of debt and equity financing.

FNCE 822 SECURITY AND PORTFOLIO ANALYSIS 3 Credits

Security and Portfolio Analysis is a higher level of the course Investment Analysis and Portfolio Management, which looks at Investment decision rules and Methods, forms, objectives and choice between alternative investment projects, Properties of alternative investment criteria, Risk and Uncertainty, their Measurements and implications for investment and decision-making, Investments advise and portfolio management strategy and contemporary issues in investment world.

FNCE 824 FINANCIAL ANALYSIS AND REPORTING 3 Credits

A study of what, how, and where key financial analytical tools are generally used to come up with solutions in management decisions in the areas of investments, finances, and operation. It consists of business performance evaluation, growth analysis, leveraged buyout (LBO) analysis, special evaluation of the firm financial situations, Merger & Acquisition, and financial reporting techniques for decision making. This course covers current practices in corporate financial reporting and fundamental issues relating to asset valuation and income determination. The emphasis is on financial statement analysis and interpretation of financial disclosures to help improve risk assessment, forecasting and decision-making. The main focus is developing a set of powerful analytical tools to understand the environment in which financial reporting choices are made, what options are, how financial data are used for various types of decisions, and how to avoid misusing of financial statements.

FNCE 857 ECONOMETRIC APPLICATIONS IN FINANCE 3 Credits

This course covers the statistical tools needed to understand empirical economic or financial research and to plan and execute independent research projects. The course emphasizes both the theoretical and the practical aspects of statistical analysis, focusing on techniques for estimating econometric models of various kinds and for conducting tests of hypotheses of interest to financial studies. Topics include statistical inference, generalized least squares, instrumental variables, explanation of power or goodness of fit, correlation and measures of linear correlation, regression analysis, least square criterion and normal equation of OLS, analysis of variance (ANOVA), MANOVA, ANCOVA, simultaneous equations models, structural equation modelling, etc. The goal is to help you develop a solid theoretical background in introductory level econometrics, the ability to implement the techniques and to critique empirical studies in economics. There will be significant emphasis on the use of the statistical software such as E-view, SPSS, or STATA.

FNCE 828 QUANTITATIVE ANALYSIS IN FINANCE 3 Credits

The contents of this include the following: Set Theory and Application to Economic, Linear Models in Economic Analysis, Applications 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, KuhnTucker Sufficiency Theorem and applications, Arrow-Enthoven Sufficiency Theorem and applications to economic problems, Estimation of Single Equation Models.

FNCE 851 CORPORATE FINANCE**3 Credits**

The course deals with the nature of the firm and corporate objectives, implications of the firm's goal for choice among alternative investment projects (the capital budgeting problem), 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. The course also analyzes financial problems corporations face that result from operating in a market environment. Major topics covered are corporate strategy and the decision to invest, forecasting exchange rates, portfolio diversification, managing exchange risk, taxation issues, cost of capital and financial structure in the multinational firm, and sources of financing. Discussion of corporate financial problems e.g., leasing, mergers, and issuance of new securities are also induced.

FNCE 846 THEORY OF FINANCIAL INTERMEDIATION**3 Credits**

This course analyses financial markets conceptually and theoretically, emphasizing the role, structure, and activities of financial intermediaries. The dynamic pattern of financial flows is analyzed by flow of funds and the users of funds are examined, as are models of the process of financial intermediation and the theory of the banking firm. The crucial role of the interest rate mechanism, and the structure of interest rate differentials are analyzed extensively. The nature of economic and regulatory policy and its impact on market and institutions is emphasized. A detailed analysis of the theory of the banking firm will be attempted.

FNCE 841 INTERNATIONAL BUSINESS FINANCE**3 Credits**

This course enables students to know the important of finance and the role of the financial manager in any organization. It considers the important of funds, and the main sources of funds to business entity. In this course, students will be introduced to how the financial manager makes investment decision under certainty and uncertainty, financing decision and other key decision areas in finance. Also, the course will integrate management decision processes to the following areas of business finance: (1) Time Value of Money, Risk, Valuation, Cost of Capital, Capital Structure; (2) Capital Budgeting; (3) Long-Term Financing Decisions; (4) Working Capital Policy and Management; (5) Financial Analysis and Planning; (6) Special topics including; Mergers, Bankruptcy, and International Finance.

FNCE 842 MANAGEMENT OF FINANCIAL INSTITUTIONS**3 Credits**

This course is concerned with the management of the major financial institutions, especially commercial banks, insurance companies, merchant banks, mortgage financial institutions and other financial intermediaries. The learners are introduced to the structure of financial institutions, internationally and their governance. The process of decision-making as regards the goal of maximizing return on assets, subject to the constraint of funds, the maintenance of solvency, adequacy of capital investment and the satisfaction of capital requirement of regulatory authorities. The consideration of managing risks associated with the operation of the financial institutions. Analysis of various issues and problems common in financial institutions, the competition for funds, assets and liability management, credit analysis, the problem of capital management, marketing of financial services, the measurement of performance and the reconciliation of profit objectives with public relations and social obligations.

FNCE 845 GLOBAL BANKING SYSTEMS**3 Credits**

A study of how banks are prudently managed to comply with Central Bank's regulations. Principles of prudent management cover topics such as value creation, CAMEL compliance, asset-liability management, loan portfolio management, and related topics. This course unit covers the concept of money and money stock, financial instruments, modern banking systems, key features of international money flows, developments in the money sector, monetary policy, commercial and investment banking, bank risks and bank regulation. Also, the course deals with banking theory & practice, evolution and emerging trends in banking and financial markets, the

role of Central Bank and other regulatory agencies, front office operations, bank payments media, audit and internal control systems, financial management, compliance and reporting, operational planning, Management Information Systems (ICT & Business Processes), products and services: deposits, credits, asset & liability management, trade finance; and Asset Finance.

FNCE 831 MACROECONOMIC THEORY IN FINANCE 3 Credits

The course treats macroeconomic theory at advanced level. The scope covers the basic macroeconomic model of national income determination, national income accounting, fiscal and monetary policy, investment function, product and money markets and their general equilibrium, international income transmission and balance of payments, growth and development, inflation, employment level and macroeconomic policies. The course will include element of search theory, wage rigidity and unemployment, theory of demand for money, supply of money, the monetary and fiscal policy in the extended model. The monetarist versus fiscalist models and controversies, budget deficit, theory of inflation and unemployment, adaptive and rational expectations model, international transmission of inflation, natural rate unemployment and Philips curve.

FNCE 832 ADVANCED MACROECONOMIC THEORY 3 Credits

The course treats macroeconomic theory at advanced level. The scope covers the basic macroeconomic model of national income determination, national income accounting, fiscal and monetary policy, investment function, product and money markets and their general equilibrium, international income transmission and balance of payments, growth and development, inflation, employment level and macroeconomic policies. The course will include element of search theory, wage rigidity and unemployment, theory of demand for money, supply of money, the monetary and fiscal policy in the extended model. The monetarist versus fiscalist models and controversies, budget deficit, theory of inflation and unemployment, adaptive and rational expectations model, international transmission of inflation, natural rate unemployment and Philips curve.

FNCE 853 FINANCIAL REGULATION AND SUPERVISION 3 Credits

Financial regulation and supervision course focuses on the public regulation of the financial markets and financial institutions (intermediaries) – topics of high relevance in today's environment of ongoing transformation of the way financial institutions and markets are regulated and supervised. The course aims to develop students' understanding of theory and practice of regulation and supervision of financial institutions and markets. After introducing the general principles of effective regulation and supervision of financial markets and institutions, the course is broadly split into three main parts focusing on the following key areas: Regulation of securities markets, Regulation and supervision of financial institutions and financial regulation and supervision. It aims to prepare students to be well equip in formulating policies for financial institutions and markets in the areas of regulation, stability and supervisions.

FNCE 875 DEVELOPMENT FINANCE INSTITUTIONS 3 Credits

The course Development Finance Institutions will provide you with a thorough understanding of specific aspects of development finance, recognizing that finance-related issues are increasingly important in development. It will equip you with the necessary skills to make a meaningful contribution to policy formulation and implementation, by focusing on financial development policy and financial management, with specific reference to developing countries. You will apply different approaches to the collection, analysis and presentation of data, as well as in critically evaluating specific issues of development, and gathering, organizing and using evidence and information from a wide variety of sources. The course provides skills in identifying, investigating and justifying possible solutions to problems arising out of the theory and practice of economic development. These also include competency in developing a reasoned argument, critically considering data sources and defending different approaches.

FNCE 865 SMALL BUSINESS FINANCE**3 Credits**

This course explains the essential concepts of entrepreneurial finance. It covers the main issues regarding financing micro, small and medium scale enterprises (MSMEs). The course deals with key financing decisions and structural approach to decision-making in enterprise finance. Emphasis lays on financial management problems of micro and small businesses, including agricultural related businesses. The course will discuss the acquisition and allocation of capital to viable ventures. Issues of demand and supply of funds in this sector of the economy are discussed. Financial analysis relating to equity, debt, repayment plan, risk management, leasing, factoring and other contractual arrangement are also examined. Topics for discussion extend to determining appropriate sources of funds for start-up financing, growth, development, alternative sources of funds, profit, profitability and break-even point analysis, forecasting, working capital management, evaluating investment decisions, a critical success factor in new venture creation and choice of viable financing. Students will also be introduced to elements of successful entrepreneurship, opportunity identification and assessment, economic development potential of small business in Nigeria, alternative forms of work arrangements in the new economy balancing an entrepreneurial lifestyle, determining what success means to each student, goal setting and visioning.

FNCE 886 PROJECT AND INFRASTRUCTURE FINANCE**3 Credits**

The course will teach the fundamentals of Project Finance. Project finance is a specialized financial tool requiring both proper structuring and risk mitigation. The purpose of the course is to understand what project finance is, why it is used, and how it is used. Students will learn what the necessary elements are that support the use of project finance to include contractual agreements, technology, sponsors, risk identification and mitigation, sources of capital, financial structuring, the use of financial modelling, accounting considerations, and tax considerations. The course will address the rationale for this type of financing and examine project risk analysis, risk mitigation strategies, and financing options. The course will address cash-flow modelling concepts for Project Finance but will not engage in the mechanics of modelling techniques. Sessions will discuss aspects of Project Finance or specific perspectives of Project Finance of respective stakeholder interests – such as sponsors, consultants, a government, or an NGO. This course will commence by attempting to introduce and expose students to the key area of initiating, planning, executing, and evaluating various kinds of projects. The course contents covers project planning, tracking, performance metrics and evaluation, as well as recruiting, retention of staffs, team building, quality controls, negotiation, risk analysis and legal consideration.

FNCE 870 SEMINAR IN FINANCE**3 Credits**

This is an independent study of a finance topic chosen by the student under the supervision of a lecturer in the department. The student is expected to have a clear set of goals and priorities that results from maintain an outcome orientation. By this, the work will be criticized and evaluated by lecturers and the other students before the final presentation is made.

FNCE 889 RESEARCH METHODS IN FINANCE**3 Credits**

The course focus on fundamental processes of research. It introduces students to the terminology, methods, and tools of scholarly research. Specific topics include characteristics of historical, descriptive, quasi-experimental, basic and applied research, surveys, inferential and experimental research; measurement considerations as related to validity, reliability, generalizability, instrumentation, and data analysis; and ethical concerns. The course will take students through the methodologies of research concept and implementation. It will also cover areas of theoretical/conceptual frameworks of proposal writing for grants etc. A brief introduction is expected to address the practical aspects of writing a dissertation or project proposal, data gathering, organizing report, and presenting the findings.

FNCE 890 DISSERTATION**6 Credits**

Dissertation writing guided independent research to demonstrate the student's skills in the use of the research design. The research process typically includes description of the problem and purpose of the study, limitations, delimitations, literature review, methodology, data presentation and analysis, conclusions and recommendations. Excluded in the dissertation credits is a seminar in research during which the dissertation proposal is developed. Students will be required to produce a supervised dissertation on an empirical (Case) study. This thesis will be defended before the Postgraduate Board or its Appointees. Prerequisite for dissertation writing are Research Methods (for Finance) and Seminar in Finance.

MASTER OF PHILOSOPHY (MPhil) IN FINANCE**Objectives of the MPhil in Finance Program**

The Master of Philosophy (MPhil) in Finance program is design to serve as a bridge for candidates who are interested in embarking on Doctor of Philosophy in Finance, but possess lower grade in their related Master of Science Degree result(s). The purpose of the program is to afford candidates with low grade in their various master programs to transit to Ph.D. without going through another Master of Science degree. In other words, the program is meant to upgrade and equip candidates for Ph.D. program, which is expected to be more rigorous in nature, especially in relation to the research aspect of the study. The program is open to candidates in finance or other related fields of study such as Accounting, Business Administration, Marketing, Economics, Insurance, etc., from Babcock University and any other recognized university, as approved by the University Senate, with an average score of 50% to 54.99% or perhaps C-GPA of 3.0 to 3.49 on a scale of 5.0 C-GPA, in their previous master degree program.

Admission Requirements

- (a). Candidates seeking admission into the MPhil in Finance Program are usually those who, although hold M.Sc. degree in Finance or other related field of study, are not qualified for direct admission into the Ph.D. program because they obtained an average of between 50-54% in their M.Sc. in Finance Program or GPA of 3.00-3.49.
- (b). In the first category, a candidate in this category who holds a M.Sc. Degree in Finance or other related areas from Babcock University will be required to run the MPhil Degree Program without remedial courses. However, where obvious weakness(es) is (are) established in the candidate's performance in the M.Sc. Program, the Department reserves the right to recommend remedial courses, but not in excess of eighteen (18) credits to remedy such. (c. In the second category, upon assessment, a candidate in this category who holds a M.Sc. degree in Finance from other institutions, whose transcript falls short when compared with Babcock M.Sc. Finance curriculum, will be required to remedy *ALL* deficiencies detected within the duration of the MPhil program.
- (d). The third category of the candidates comprise those with other related degrees such as M.Sc. Accounting, Economics, Business Administration, Business Management and other Social and Management Sciences with a C-GPA of not less than 3.50. Candidates in this category, upon assessment, will be required to first of all take ALL 800 Level Courses not reflected in their transcript, from the pool of Remedial Courses and pass such at a score of not less than 60% before proceeding to take the regular MPhil Courses.
- (e). Candidates must satisfy all other conditions stipulated in the regulations and policy of the Department, as well as the College of Post Graduate Studies.

Course Duration for the MPhil in Finance Program

The MPhil program shall be for candidates who do not meet the requirement for direct admission into the Ph.D. Program. Candidates for the MPhil Program in Finance shall be required to complete four (4) semesters of coursework in areas related to the focus of their studies, including Dissertation. These include core courses and electives in the Ph.D. Finance curriculum.

- (i. The MPhil candidates shall be expected to complete the first year (two semesters) of Ph.D. coursework.
- (ii. In the second year, MPhil candidates shall be required to also complete the MPhil Seminar course and the MPhil Dissertation.
- (iii. The MPhil must be completed with a minimum of 60% or a C-GPA of 4.00 on a 5.00 point scale, for the candidates to be eligible for direct admission into the Ph.D. in Finance Program.

Probation

Candidates scoring less than 3.00 C-GPA at the end of any semester will be placed on probation for the next semester only. Minimum of 3.00 C-GPA is required at all time for MPhil candidates.

Graduation Requirements

MPhil students are expected to complete the following course requirement:

GEDS	08 Credits
Core Courses	15 Credits
Electives Courses	09 Credits
MPhil Dissertation	08 Credits

- (i. Minimum Number of Earned Hours for graduation: 43 Credit Hours.
This may not include the number of credit hours accruing from the required Remedial Courses, where applicable.
- (ii. Minimum Number of Years/Semesters for the Course: two (2) years/four (4) semesters.
Minimum Residency Require for Graduation: 2 years
Minimum C-GPA: 3.00 points on a 5.00 point grading scale.
MPhil Dissertation: Every MPhil. candidate will be required to undertake approved research and produce a Dissertation under the supervision of a qualified senior member(s) of the department.

COURSE CONTENTS FOR MPhil. FINANCE

Course Code	Course Title	Year 1		Year 2	
	GENERAL COURSES	1 st Sem	2 nd Sem	1 st Sem	2 nd Sem
GEDS 901	Personal & Family Wholeness	2			
GEDS 902	Advanced Statistics		2		
GEDS 911	Research Proposal & Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
FNCE 921	International Trade, Banking & Finance	3			
FNCE 922	Advanced Financial Intermediation & Portfolio Mgt.		3		
FNCE 923	Advanced Methods of Research in Finance	3			
FNCE 936	Advanced Strategic Financial Management		3		
FNCE 944	Advanced Quantitative Techniques in Finance		3		
FNCE 9--	Specialization Courses	6	3		
FNCE 880	MPhil. Seminar in Finance			3	
FNCE 890	MPhil. Dissertation			(8)	8
	TOTAL = 43 Credits	16	16	3	8

SPECIALIZATION COURSES

See the list of Specialization Courses under the Content for Ph.D. Program below.

DOCTOR OF PHILOSOPHY (PhD) IN FINANCE

PHILOSOPHY

The programme philosophy seeks to widen and develop the intellectual capacity of students and strengthen their research capability to prepare them for academic positions in universities and other tertiary institutions as well as management positions in both the public and private sectors. The programme which is coursework and research oriented, will equip the candidates with necessary practical skills and knowledge required to develop a career in research, teaching and development of adequate theories and financial standards that will meet the requirements of society both now and the future!

DEPARTMENT'S VISION STATEMENT

We aim to become renowned in transforming and transmitting excellent character for the emerging contemporary financial world.

DEPARTMENT'S MISSION STATEMENT

Our focus is to create a platform that will engender accountability and transparency with integrity in candidates and our products through standard academic and professional tutelage that will result in good character, cutting edge research, functional application of knowledge and creating ethical values needed to satisfy the manpower requirement of the Seventh Day Adventist Church, nations, and the world financial environment.

OBJECTIVES

The purpose of the programme is to develop strong and high level financial personnel that can contribute to the development of financial practices through basic knowledge and skills. The programme also aims to nurture prospective academics, researchers and financial analysts by broadening the intellectual and research capabilities of the candidates.

The specific objectives are:

1. To equip students, with a high quality education in finance as well as relevant professional programme for students who want to study in an atmosphere of learning governed by balanced development of the whole person.
2. To furnish candidates with the essential theoretical and practical knowledge and skills needed for research and development in the area of finance.
3. To empower candidates with the needed potentials required to offer services in teaching, research and leadership.
4. To bridge the wide gap between the manpower requirements in finance education and the crisis.
5. To foster critical thinking, problem-solving skills, creativity, and self-expression while striving to apply the wisdom of the past, and the discoveries of today, to the challenges of a rapidly changing world.

JUSTIFICATION

1. Babcock University envisions itself as a citadel of excellence and thus, commits its functional activities to the pursuit of integrated Christian education and ethical values, through the preservation, advancement, and transmission of knowledge directed at human capacity development in service to humanity, society, and God. Towards this end, Babcock University shall:

- Respond to societal (local, national, and global) needs through engineered curricular development, research and community services programs.
- Emphasizes intellectual expertise in skills acquisition and problem solving education.
- Proactively develop a sufficient pool of talented and professional expertise to drive innovation in all Nigerian industrial sectors.
- Inculcate the Christian spirit of meaningful community empowerment through the involvement of its graduates in innovative and responsive approaches.
- Sourcing and provision of staff for the programme; provide evidence, if any.

ADMISSION REQUIREMENTS

Admission Requirements to the Programme

Individuals eligible for admission into Ph.D. Programme in Finance must satisfy the general requirements demanded by the College of Postgraduate Studies at Babcock University. Additionally, applicants are required to have M.Sc. degree in Finance or any other related field from Babcock University or from any other recognized university within and outside Nigeria, wherein they would have obtained an average score of at least 60% or a CGPA of 4.0 (on a 5.0-point scale). Candidates must submit official transcripts as evidence.

Candidates with a CGPA of 3.50-3.99 on a 5.0-point scale or 55-59% in the M.Sc. in Finance or any related field may be admitted under conditional status to the Ph.D. Programme, provided they successfully complete a minimum of required additional 18 credits in Master's-level coursework in Finance at Babcock University and any other relevant area at the 60% pass level prior to commencing any coursework in the Ph.D. Programme.

Candidates with a minimum of 4.0 CGPA (on a 5.0 scale) from a cognate discipline may be considered for admission subject to prescribed remedial courses as approved by the Department. An M.Phil. in Finance from Babcock University, with a minimum proficiency level of 60%, will

count for the first year of the Ph.D. Programme, with the student commencing the activities of the second year of the Ph.D. Programme of studies.

For each applicant, the following are relevant:

1. A proposal on area of research interest.
2. General requirements for the relevant first degree into Babcock University.
3. General requirement of Postgraduate School of Babcock University.
4. M.Sc. degrees in Accounting, Business Administration, Economics, and Mathematics/Statistics from Babcock University or any NUC approved University in Nigeria or from an overseas NUC-recognized University.
5. M.Sc. in Finance (Finance) and any NUC approved University in Nigeria or from an overseas country.
6. Master of Philosophy (M.Phil.) in Finance (Banking and/or Finance) from Babcock University or any NUC approved University in Nigeria or from an overseas country will be admitted into the program in accordance with Babcock University CPGS policies.

GRADUATION REQUIREMENTS

- i. To graduate, each student is expected to register and take the course work, independent research seminars, pass all courses at a minimum score of 50% and conduct Ph.D. thesis under supervision of a Professor(s).
- ii. Minimum number of Earned Credit Hours for graduation: **65**

<i>General Courses</i>	=	<i>08 credits</i>
<i>Core Courses</i>	=	<i>29 credits</i>
<i>Emphasis Courses</i>	=	<i>12 credits</i>
<i>Thesis</i>	=	<i>16 credits</i>
- iii. Minimum No. of Years for Graduation: **3 years** iv. Minimum residency requirement in years, if any: **2 years**
- v. Minimum CGPA for graduation: **3.0**
- vi. Attendance in seminars organized by Professional Organizations approved by the Program Coordinator and Head of Department.
- vii. Teaching of two (2) undergraduate courses for two semesters under the supervision of the Head of Department or his/her representative.
- viii. Publication of at least two (2) articles from the research project during the studentship.
- ix. Other requirements (please specify): **The report and defense of a supervised thesis.**

POLICY ON TEACHING AND SUPERVISION ON Ph.D. FINANCE PROGRAMME

According to NUC BMAS (2014), no individual without Ph.D. from NUC recognized Institutions shall be qualified to teach or supervised on this programme. Also, all holders of Ph.D. less than three (3) years shall only serve as either co-lecturer/co-supervisor, as a mentorship strategy in the programme.

The programme would run both a regular and elongated semesters modules. The regular semester module class schedule would run from Monday to Friday for a minimum of six semesters. The elongated semester module class schedule would run only on Sunday for a minimum of eight semesters. The dynamics of the programme in terms of course requirements and mode of study were based on the current practice and policy of the University, benchmarked with other institutions within and outside the country, in order to give the program at Babcock a unique global edge and offer high quality training that meets international standards.

PH.D. FINANCE COURSE CONTENTS

Course Code	Course Title	Year 1		Year 2		Year 3	
	GENERAL EDUCATION REQUIREMENTS	<i>1st Sem</i>	<i>2nd Sem</i>	<i>1st Sem</i>	<i>2nd Sem</i>	<i>1st Sem</i>	<i>2nd Sem</i>
GEDS 901	Personal & Family Wholeness	2					
GEDS 902	Advanced Statistics		2				
GEDS 911	Research Proposal & Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
FNCE 900	Biblical Philosophy of Finance			3			
FNCE 921	International Trade, Banking & Finance	3					
FNCE 922	Advanced Financial Intermediation & Portfolio Mgt.		3				
FNCE 923	Advanced Methods of Research in Finance	3					
FNCE 936	Advanced Strategic Financial Management		3				
FNCE 944	Advanced Quantitative Techniques in Finance		3				
FNCE 945	Financial Econometrics			3			
FNCE 970	Seminar in Finance I			4			
FNCE 980	Seminar in Finance II				4		
FNCE 9--	Specialization Courses	6	3	3			
FNCE 990	Thesis			4	4	4	4
	TOTAL = 65 Credits	16	16	17	8	4	4

SPECIALIZATION COURSES

	<i>INVESTMENT FINANCE</i>			
FNCE 951	Financial Systems & Corporate Governance	3		
FNCE 953	Empirical Studies in Capital Market Operations	3		
FNCE 954	Financial Investment Theories		3	
FNCE 955	Contemporary Issues in Financial Investment			3
	<i>DEVELOPMENT FINANCE</i>			
FNCE 961	Studies in Development Financial Institutions	3		
FNCE 963	Advanced Public Finance & Fiscal Policy	3		
FNCE 964	Entrepreneurial Finance		3	
FNCE 965	Contemporary Issues in Development Finance			3
	<i>TREASURY ADMINISTRATION</i>			
FNCE 971	Investment Banking	3		
FNCE 973	Advanced Bank Lending & Credit Administration	3		
FNCE 974	Treasury Management & Financial Regulation		3	

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 901: PERSONAL AND FAMILY WHOLENESS **2 Credits**

GEDS 902: ADVANCED STATISTICS **2 Credits**

GEDS 911: RESEARCH PROPOSAL AND WRITING **2 Credits**

GEDS 912: ADVANCED RESEARCH DESIGN **2 Credits**

FNCE 880 MPHIL SEMINAR **3 Credits**

This course is designed to teach students how to engage in critical research writing, especially bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. It also exposes students to how to write internationally acceptable articles on methodology and design as well as prepares the student toward meaningfully engaging in the process of writing the Dissertation. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

FNCE 890 M.PHIL DISSERTATION **8 Credits**

Independent study of a topic approved by the department under the supervision of a lecturer in the department. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies.

FNCE 900: BIBLICAL PHILOSOPHY OF FINANCE **3 Credits**

Over the years it has been observed in the study of Finance that there is a gap between principles and practices. This does not imply that Finance is at variance with its own principles, rather, some of its principles are at variance with good behavior and Christian ethics. Thus, designed to align and reconcile practice of finance with biblical principles and practices. This is intended to create a deliberate balance the teaching of core finance and issues of morals and obedience to the will of God. Thus, issues of justice, patience, dutifulness, contentment, Uncompetitive Business environment (UBE) and community life and sharing are relevant features. In a nut shell, faith in Finance is intended to find God in the study of Finance. It is intended to integrate faith, Christian believe, God's perspective into the teaching and learning of finance. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

FNCE 921 INTERNATIONAL TRADE, BANKING AND FINANCE **3 Credits**

This course deals with the theory and practice of international trade and of trade-related policies. It focuses on analyzing the gains from trade, the changing patterns of trade, the income distributional consequences of liberalizing foreign trade, the relationship between trade, investment, and economic growth, and the reasons for and consequences of trade policies. Patterns of current international trade and how to access sources of this information, comparative advantage, and international market drivers, entry models showing how technological differences, differences in resource endowments, and economies of scale determine trade patterns and income distribution, trade policy instruments on welfare, offshoring, export subsidies in agriculture and high-technology industries, and international trade agreements.

FNCE 922 ADVANCED FINANCIAL INTERMEDIATION AND PORTFOLIO MANAGEMENT

3 Credits

This course provides an advanced treatment of investment portfolio theories; computer enhanced models used to provide instruction in capital asset portfolio management and technique. Advanced treatment of diversification theories and applications in asset selection, analysis, and management and risk management are extensively discussed. It is to provide students with a broad knowledge of the capital markets, institutions, financial products, and analytical tools and skills needed for investments portfolio management. The objective is to provide students with a solid foundation of basic concepts, tools, and techniques of making **informed decisions** in the highly dynamic investment environment. Students will utilize computer simulations, internet tools, and specialized software and databases to more fully understand the viewpoint of professional investors. Students enrolled in the course will utilize extremely large data sets for the prediction of forecasts. Students will use commercial software (e.g., Bloomberg) to data mine and analyze simulated portfolios. In addition, students will learn various quantitative methods that can be used to solve financial problems. Arbitrage pricing of financial assets, pricing of stock options, risk assessment, and portfolio decisions are studied in continuous and discrete time.

FNCE 923 ADVANCED METHODS OF RESEARCH IN FINANCE

3 Credits

The course utilizes advanced research techniques to explore problems in Finance. In addition, the course teaches students the use of advanced research techniques to investigate empirical issues in Finance. Some of the topics to be covered, among others advanced research designs, qualitative and quantitative methods of research, advanced measurement scale, multidimensional scaling, complex sampling approaches, meta-analysis, structural equation modelling in Banking and Finance, conjoint analysis. Specifically, the course aims 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. Students often have a hard time in construction models for their thesis and going ahead to collect the necessary data, run the required electronic analysis and then interpret the output. The basic problem here is their lack of the analytical experience required to convert numeric output into words. Consequently, this course is designed to lead students through the practical processes required in modelling, analysis and interpretations. Econometrics models will be used here, selected data sets will be analyzed using SPSS, E-Views, etc.

FNCE 936 ADVANCED STRATEGIC FINANCIAL MANAGEMENT

3 Credits

This course explains why and how an organization manages its risks on an enterprise basis. The course examines the origins of credit risk, its manifestations and its consequences. It discusses tools and techniques to manage and mitigate credit risk. The course also examines the way in which financial institutions and corporations assess, control and mitigate market risk; operational risk decision making process through a progressive series of modules that comprise operational risk governance, culture and awareness, risk policies and procedures, operational risk appetite, reputational risk, legal risk, governance and compliance. Internal control issues and performance evaluation; Capital Rationing, inflation and replacement Decisions, Capital Asset Pricing Model (CAPM); Financial Leverage: Business and Financial Risks; Valuation of Business methods; Analysis of Business, Economic and Financial environment, such as political, marketing, Industry, Products, Pricing etc. using SWOT; Evaluation of opportunities in business environment; Appraisal of organizational performance and employee performance; Change Management; Training and Development; Target setting; New Product Development; Organization Restructuring; Outsourcing, consolidation.

FNCE 944: ADVANCED QUANTITATIVE TECHNIQUES IN FINANCE

3 Credits

This course aims at giving the students quantitative skills necessary for banking and financial decision making. It covers descriptive statistics, probability and expectations, discrete and

continuous distributions and 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, decision-making and efficiency, Markov decision processes, linear programming, replacement analysis, network analysis, inventory management as decision tools in the decision making of organizations, transportation techniques, simulation, [queuing theory](#), games theory and decision tree analysis. It is a course that helps to determine which of the techniques is most suitable given the nature of the system, the goals for improvement, and constraints on time and computing power. It substantiate on how operations research arrives at optimal or near-optimal solutions to complex decision-making problems and its introduction/origin.

FNCE 945 FINANCIAL ECONOMETRIC

3 Credits

This course covers the statistical tools needed to understand empirical economic or financial research and to plan and execute independent research projects. The course emphasizes both the theoretical and the practical aspects of statistical analysis, focusing on techniques for estimating econometric models of various kinds and for conducting tests of hypotheses of interest to financial studies. Topics include statistical inference, generalized least squares, instrumental variables, explanation of power or goodness of fit, correlation and measures of linear correlation, regression analysis, least square criterion and normal equation of OLS, analysis of variance (ANOVA), MANOVA, ANCOVA, simultaneous equations models, etc. The goal is to help you develop a solid theoretical background in introductory level econometrics, the ability to implement the techniques and to critique empirical studies in economics. There will be significant emphasis on the use of the statistical software such as Eview, SPSS, or STATA.

FNCE 951 FINANCIAL SYSTEMS AND CORPORATE GOVERNANCE 3Credits

This course is aim to provide candidates with knowledge on the meaning of Financial Systems: Definitions of local and foreign financial institutions, local and foreign banking laws, rules and regulations and various financial instruments (both local and foreign); Theory of Central Banking and its autonomy, Critical functions and role of central Banks in Europe, Asia, America, and Nigeria; Structural features of financial sectors in Africa, Europe, America, Asia and Nigeria; The role and features of foreign banks including regulatory framework; Banking consolidation, mergers and Acquisitions; Financial markets in Africa, Europe, America, Asia, and Nigeria; Development financial Institutions and specialized financial institutions; International Finance Institution such as World Bank (IBRD), IMF, IFC, IDA etc. Their structures, roles and functions; Corporate failures; Corporate Governance, nature, features, problems, mechanisms, principles and structures; Application of Corporate Governance in Finance Institution; Agency problem, framework of rules of successful corporate governance and new development thinking in Corporate Governance; Structure of Board of Directors, integrity of Board of Director, performance evaluation.

FNCE 953 EMPIRICAL STUDIES IN CAPITAL MARKET OPERATIONS

3 Credits

Various valuation techniques, such as pricing models and use of multipliers are presented. The course deals extensively with risk assessment, uncertainty and prediction problems. Under the topic of accounting-based risk measurement, models for bankruptcy risk prediction and credit scores are presented, as well as studies that focus on accounting-based measurement of systematic risk. Key topics: Accounts as a source of information/financial statement analysis, Measurement errors, Earnings management, misleading information and bias, Sources of and measurement of competitive advantage, Competitive forces, normalization, Prediction problems, uncertainty, Systematic and unsystematic risk, Financial modelling, Valuation, Bankruptcy risk prediction and credit scores, Analysis of profitability, solidity and liquidity, Financing, capital structure.

FNCE 954 FINANCIAL INVESTMENT THEORIES**3 Credits**

The course studies financial markets, principally equity markets, from an investment decision-making perspective. The course develops a set of conceptual frameworks and analytical tools and then applies these to particular investments and investment strategies chosen from a fairly broad array of companies, securities, and institutional contexts. The focus is on adding value across the spectrum of decisions ranging from position-taking in particular securities, to portfolio risk management, and to the delegation to and oversight of professional investment managers. In conjunction, the course explores the competitive dynamics among investment organizations, products, and markets. Topics include portfolio mgt. derivatives, financial securities, etc.

FNCE 955 CONTEMPORARY ISSUES IN FINANCIAL INVESTMENT 3 Credits

This course provides with an opportunity to develop a better understanding of the Information Management in the Capital Market; Cases of unpaid dividends; Pledge or secularization of stocks for credit access; Analysis of World Economic development- GDP of Advanced countries, commodities prices, Debt and emerging countries management, the diaspora, etc. Unfair trade practices and insider dealing, Investment laws on Trade and Taxes of different countries; Corporate governance issues and financial crimes.

FNCE 961 STUDIES IN DEVELOPMENT FINANCIAL INSTITUTIONS 3 Credits

This course provides an advanced studies Deposit Money Bank (DMB); Infrastructure Bank; Bank of Agriculture; Federal Mortgage Bank of Nigeria (FMBN); (Primary Mortgage Institutions); The Nigeria Export–Import Bank (NEXIM); Bank of Industry (BOI); Development Bank of Nigeria (DBN); National Economic Reconstruction Fund (NERF); African Development Bank (ADB); African Finance Corporation (AFC).

FNCE 963 ADVANCED PUBLIC FINANCE AND FISCAL POLICY 3 Credits

This covers the procedure for estimation and control of government expenditure and the raising of revenue; estimation of expenditure, authorization of expenditure and accounting processes for planning public expenditure; efficiency of government expenditure; measurement of 'efficiency' of government expenditure; objective functions of government expenditure; the planning programming Budgeting system and other budgeting systems 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 the financial relationship between government units; fiscal federalism, local government finance; rates, borrowing, federal/state grants, commercial activities; the systems of federal/states grants and changes overtime; the central of local authority expenditure: current and capital, its planning and control; pricing and investment problems, accounting and financial control in public owned enterprises.

FNCE 964 ENTREPRENEURIAL FINANCE**3 Credits**

The course covers the problem of provision of microcredit, accessibility, affordability, and the financial problems of small business in the economy. Topics covered include: sources, acquisition and use of capital by small businesses; financial analysis relating to income, repayment of capital and risk management, leasing and other finance alternatives, the role of small business in the economy, required government assistance, how microcredit can be effectively provided and the provision of finance by credit institutions as well as the nonfinancial components to make finance be productively employed. The course also focus on different kinds of capital, the use of grant, personal savings, gratuity, pension benefits, soft loans from family and friends, angel investors, venture capital, cooperative societies, trade credits, hire purchase and leasing agreement.

FNCE 965 CONTEMPORARY ISSUES IN DEVELOPMENT FINANCE 3 Credits

The course covers: overview of the financial system, embracing banks, non-bank financial institutions, money and capital markets and the regulatory authorities- the Central Bank, the Securities and Exchange Commission, the Stock Exchange, survey of the structure and operation

of the market for short, medium, and long term securities. Other topics include overview of 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, investment banking, insurance and pension institutions as well as international finance institutions. The other aspects include: economics and legal aspects of the capital market, analysis of interest rates, cost of capital, prices of securities, risk in securities operations and their implications for investment and performance of financial operators. The course will also consider regulation and supervision in the financial industries.

FNCE 971 INVESTMENT BANKING

3 Credits

This course deepens students' knowledge on Agency and Corporate Banking Institution; Investment fundamentals- Investment environment and Recent Trends in Investment and Portfolio Management and Risks in Holding Securities; Portfolio Theory and Asset Pricing Modes such as CAPM, Index Model and Arbitrage Pricing model; Company analysis and Stock selection – Using financial Statement, fundamental analysis, or Trend line analysis, Approaches to Stocks investing, Screening and selection process; Fixed Income Portfolio Management, Types and features, Risks in fixed Income Securities, Interest rate swap and Portfolio performance Evaluation; Equity Portfolio Management, Investment Management Styles, Passive Equity Portfolio Management Stock, Measuring Portfolio Performance (Market Leaders, Laggards and Market challengers); International Equity Investment, Bond Market and Instrument Act, Fiduciary responsibilities of Investment advisor.

FNCE 973 ADVANCED BANK LENDING AND CREDIT ADMINISTRATION

3 Credits

This course exposes students to the business environment (global, political, economic, social, regulatory, institutional and technological and its impact on lending business in Nigeria; Lending policies, lending concepts, principles and practices; Credit culture and credit standards Use of financial ratios to forecast the financial conditions of prospective borrower; The use of non-quantitative data such as chairman's statement, directors and auditors reports and notes to the account to aid lending decisions; Single obligor limits; Basic principles of Credit Risk Management; Preconditions for effective Credit Risk Management; CBN Credit Risk Management Framework; Credit Bureaux, e.g. Credit Registries; Credit Rating Agencies e.g. Augustus & Co, Fitch, Standard & Poor's; Credit Risk and Basel Accords; Special Lending risk e.g. lending to Public –Sector institutions, small and medium scale entrepreneur, sole proprietors and partnerships; Financing Options i.e. overdraft, loan, bridging loans, equipment leasing, factoring, project financing and hire purchase; Credit Issues- Feasibility analysis, loan pricing, loan syndication; Credit fraud: Major sources/types of fraud in Lending and their mitigates, impact of credit funds on banks e. g Capital; reputation (domestic and international); Credit fraud prevention (Strategies and tactics); Credit report writing and presentation; Loan Administration; Organization and Control of Credit function including credit committees, Communication of credit approval; Reviewing the Banks's Loans Portfolio e.g. Bank Inspection Report, CBN Examiners' Report, External Auditors' Report; Definition, causes and identification of problem loans, Early warning signal, Remedial Management Strategies e.g. Loan workout and loan rescheduling steps in recovering of bag debts Internal Financial Reporting Standard (IFRS) requirements for loan loss provisioning.

FNCE 974 TREASURY MANAGEMENT AND FINANCIAL REGULATION

3 Credits

The course is designed to ensure a good understanding of the theory and practice of treasury activities, including operations in a typical financial institution. The course depicts the micro and macro-economics and their impact on treasury management in financial institutions and markets. Topic includes treasury planning, and control, treasury instruments, foreign exchange management. The students are expected to **learn the role of treasury in the management of a**

company's assets, the regulatory and legal environment, the functions and services of banks and financial service institutions, payment systems, money markets, capital markets, and vendor management and selection. This course sets out to provide a comprehensive understanding of how to manage treasury affairs with a detailed look at the various financial markets and instruments that can be traded.

FNCE 975 CONTEMPORARY ISSUES IN TREASURY MANAGEMENT

3 Credits

This course provides students with an opportunity to develop a better understanding of the Regulatory Environment- Institutions and functions Supervisory Environment-Institutions and functions; Concept of Corporate Planning. Defining the vision and mission. Setting objectives for Financial Institution. Defining Policies, Strategies, identifying Planning gaps, constraints to Corporate Planning and consequences of Planning; Roles and responsibilities of directors. Definition and classification of directors, roles of directors (statutory and informal roles, responsibilities (liabilities of directors, audit committees and corporate governance issues in bank management). Ethics in the Financial Services Industry. Importance of Ethics to the Financial Services Industry. Liquidity Management: Definition, types of liquidity, measurement of liquidity, liquidity planning, legal reserve requirements.

Principles and Practice of Risk Management: Risk Management System, Identification of Risks, Management of Risks and Control of Risks. Public Relation in Banking: Rationale for Public relations, Public relations Activities. Training and Manpower Development: Definition/Types of Training and Manpower Development, Purpose of Training and Manpower Development, Manpower Development activities, i.e. Manpower Planning,

Cost/Benefit analysis of Training/Manpower Development. Organizational /Communications: Essentials of Organizational Communication, types of communication, inhibition to effective communications. Bank Audit: Rationale for bank audit, process of bank audit and legal and management requirements. Bank Performance Analysis: Bank Profitability versus Solvency, Profitability Vs Liquidity, Regulators/Supervisors' measures of performance.

FNCE 970 & 980

SEMINAR IN FINANCE I & II

4 : 4 Credits

Each student is expected to read, write and present a seminar paper to a group, made up of faculty members and fellow students. The topic of such seminar should be basically financial, with applications of Faith in Finance; such seminars should be either in theoretical or empirical research. Attendance and participation of each student to all such seminars is not negotiable, except in cases of emergencies in regards to ill health, accident and/or other proven emergencies. The research report will be presented to the approved committee and after the relevant corrections have been made, the student will submit a final draft to the lecturer, who awards the final grade. The final grade will be made up 50% continuous assessment (consisting of the supervision by the seminar supervisor and two other members of the seminar committee) and 50% for final grade (consisting of the evaluation of the final draft by the seminar supervisor.

FNCE 990: THESIS

16 Credits

The thesis is planned to show the student's contribution to knowledge in the relevant area of study. Interacting with the supervisor and the department, each student chooses a topic, the student writes an intelligent paper, but supervised thesis on the topic and presents same to a Department. *The Thesis is to be registered for, over a four semester period.*

DEPARTMENT OF INFORMATION RESOURCES MANAGEMENT

Degree in View: M.Sc., PhD

Areas of Specializaon:

1. Business Informaon Management
2. Records and Archives Management
3. Knowledge and Innovaon Management
4. Health Informaon Management
5. Library and Informaon Science
6. ICT in Informaon Resources Management



PROF. BABALOLA, Y. T.
HEAD OF DEPARTMENT

Information is vital to activities in all areas of government, commerce, industrial and social life. Global happenings in the information field as well as the advances in Information and Communication Technologies (ICTs) have been prominent factors driving the demand for individuals with specialized skills to manage information effectively and the impetus for the postgraduate program in Information Resources Management (IRM) at Babcock University. Our mission is to produce professionals with a firm grasp of the principles of information retrieval, information technology and management, as well as individuals who are cognizant of the changing information environment and are able to function effectively in them.

Aims/Objectives

In keeping with the mission of Babcock University, this programme aims to train individuals for professional work in information service delivery in all areas of public, business, industrial and social life. The specific objectives are to:

1. develop a critical awareness and understanding of the principles of librarianship and information service delivery;

2. develop skills in information identification, selection, organization, retrieval dissemination in paper, digital and multimedia formats;
3. develop ability to create, enhance and exploit knowledge assets in organizations;
4. train senior personnel to manage records in all formats;
5. promote professional skill in health information management;
6. develop professional skills in the selectivity and screening of information in the field of business management.

POST GRADUATE DIPLOMA (PGD) IN INFORMATION RESOURCES MANAGEMENT

The growing demand for individuals with specialized skills to manage information effectively, coupled with global happening in the information field as well as the proliferation of information and communication technologies have been prominent factors driving the need for post-graduate studies in information management. The selectivity and screening of information have become very crucial in today's information environment where information overload has become a constant. Hence, our mission is to produce professionals with a firm grasp of the principles of information retrieval, information technology and management, as well as individuals who are cognizant of the changing information environment and able to function effectively in them.

Purpose, Aim/Objectives

In line with the mission of Babcock University, the goal of this program is to create a bridge for graduates with Bachelor's degree (3rd Class division) and HND in Information Resources Management or other fields, who wish to pursue a Master's degree in Information Resources Management. This programme is designed to enhance human capacity development and boost admission into the Master's degree program offered in the department.

Specifically, this program is designed to help students to:

1. Develop a good understanding of the principles that govern librarianship, information resources management and information service delivery;
2. Promote awareness and professional skill in information management program;
3. Develop competency in the selection, storage and retrieval of information for problem solving.

Admission Requirements

- A. HND in any field
- B. Bachelor's Degree (3rd Class division or higher) in any discipline

Duration of the Program

Regular: Maximum - two (2) semesters

Elongated: Maximum- two (2) semesters

Graduation Requirements

General Courses	4 units
Core Courses	24 units
Research Project	4 units
Total	32 units

To fulfill the requirement for the award of the diploma

Every candidate, shall obtain a weighted minimum coursework average of 50 (C) or better in the written examination as a whole for core courses and a grade which is not less than 45% (D) in written examination for the General Education (GEDS) courses; bearing in mind, however, that a minimum CGPA of 3.0 on a 5.0 scale is the minimum entry requirement into the MSc degree programme.

POST GRADUATE DIPLOMA (PGD) IN INFORMATION RE SOURCES MANAGEMENT

Course Content and Description

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem
	GENERAL EDUCATION (GEDS) COURSES		
GEDS 701	Religion and Society	2	
GEDS 702	Statistics		2
	CORE COURSES		
IRMA 701	Foundation of Knowledge Management	2	
IRMA 702	Academic and Special Libraries		2
IRMA 703	Introduction to Information Management	2	
IRMA 711	Theory of Information Organization	2	
IRMA 712	Serials Management		2
IRMA 713	Introduction to Classification and Cataloguing	2	
IRMA 721	Introduction to Information Storage and Retrieval	2	
IRMA 723	Research Methods in Information Management	2	
IRMA 724	Economics of Information		2
IRMA 731	Archives and Manuscripts Management	2	
IRMA 752	Information System Design and Evaluation		2
IRMA 784	Information Resources Development		2
IRMA 790	Research Project		4
	TOTAL = 32 Credits	16	16

COURSES DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 701 RELIGION AND SOCIETY 2 Credits

GEDS 702 STATISTICS 2 Credits

IRMA 701 FOUNDATION OF KNOWLEDGE MANAGEMENT 2 Credits

This course is designed to introduce students to the history, definition and current status; perceived differences between knowledge and information; key management considerations and influences; role of change; planning staff consultancy and involvement in knowledge management; skills

required for day-to-day operation and maintenance; evaluation of knowledge management.

IRMA 702 ACADEMIC AND SPECIAL LIBRARIES

2 Credits

This course considers institutional setting of academic libraries, government, organizational arrangement, standards, personnel budgeting and fiscal management; development and organization of information resources, users and services, resources, sharing, automation, communication, communication and publicity, buildings and seating; systems coordination and evaluation. Origins and nature of special libraries, organization; standards; types and level of collection and staff; user needs and services; special information analysis centres (SIACs); linkages, accommodation, performance measurement and evaluation.

IRMA 703 INTRODUCTION TO INFORMATION MANAGEMENT

2 Credits

It is designed to prepare students to understand the principles of information management and the roles these principles play in the overall management of organization and their information resources. Key areas of attention include: information resources; types of information; value of information; information processing techniques; information processing personnel/users; users and their various information needs; information systems structure; and information delivery techniques.

IRMA 711 THEORY OF INFORMATION ORGANIZATION

2 Credits

This course will introduce students to the theories and practice of bibliographic description and subject analysis. It covers the organization of both print and electronic information. Analysis and application of Anglo-American Cataloguing Rules 2nd edition (AACR2R) revised, DDC and LCC are considered. It is designed to assist students understand cataloguing and/or online catalogue maintenance and quality control, as well as other areas of library and information services

IRMA 712 SERIALS MANAGEMENT

2 Credits

The course gives an overview of serials management concepts and issues. It will acquaint students and new serials librarians with the range of activities involved in managing print and electronic serials. The topics may also be applied to integrating resources, as many of the same activities are also relevant to these resources. It deals with the principal areas of serials management and highlights some of the key issues of the time: namely, access versus ownership, electronic dissemination of text and document delivery, standards for electronic transfer of data, and cataloguing locally versus outsourcing.

IRMA 713 INTRODUCTION TO CLASSIFICATION AND CATALOGUING

2 Credits

Principles of cataloguing; development of cataloguing codes; use of AACR2 and general rules for description for various library materials; choice and form of access point are handled in this course. Use of Sears list of subject headings, Library of Congress subject headings and other verbal subject analysis. Students are also introduced to alphabetical and classified catalogues construction and use. Use of different classification schemes with emphasis on general classification schemes i.e. DDC and LC.

IRMA 721 INTRODUCTION TO INFORMATION STORAGE AND RETRIEVAL

2 Credits

Designed to introduce the students to fundamental analysis and design principles, information storage and theories used in systems for storage, processing and retrieval of information.

IRMA 723 RESEARCH METHODS IN INFORMATION MANAGEMENT

2 Credits

Introduction to research definition, purpose and types of research. Choosing a research topic; identifying problems, refining the topic, stating specific objectives. Organizing of preliminary

reading; planning a literature review, use of printed lists of subject headings subject catalogue, computer database. Research methodology and techniques. Data presentation and analysis. Research findings, conclusion and recommendations. Report writing, repackaging the body of the project, references, bibliography and appendices.

IRMA 724 ECONOMICS OF INFORMATION

2 Credits

This course is packaged to introduce students to the discussion of the various definitions of information in economic and social terms as described in library and information science literature, in relation to government and social policies; discussion of issues such as information as a commodity and as a public good; exploration of the impact of the economics of information and related public policies on libraries and information centres, from national and international perspective.

IRMA 731 ARCHIVES AND MANUSCRIPTS MANAGEMENT

2 Credits

Covers issues on survey of archival resources and special collections, with attention to their organization, administration, and service problems with special reference to Nigeria. Management, care, and servicing of manuscript and archival materials. Attention will also be given to criteria for building an archival/manuscript collection in a repository and to the description and interpretation of its holdings in guides and catalogues for the use of researchers.

IRMA 752 INFORMATION SYSTEM DESIGN AND EVALUATION

2 Credits

Deals with concepts and methods of information systems design and development with particular relevance to library and information centre applications. Emphasis is given to modelling of system function, data, and processes of computer-based information systems including the development of small-scale information systems.

IRMA 784 INFORMATION RESOURCES DEVELOPMENT

2 Credits

Introduces the students to the principles of identifying, selecting, acquiring, managing and evaluating information resources for libraries, information centres and other information based settings. Resource selection methods and aids; acquisition procedure, cooperation with publisher and bookseller; control of book funds; weeding, and resource sharing (inter-library loan).

IRMA 790 RESEARCH PROJECT

4 Credits

Students will be required to carry out quality study in a selected area of interest, under the guidance of an academic staff and produce reports, demonstrating originality and understanding of basic concepts and theories as well as their knowledge and understanding of research methods in the field of Information Resources Management.

LIST OF COURSES FOR MIRM

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL COURSES			
GEDS 801	Religion, Faith and Morality	2		
GEDS 802	Statistics		2	
	CORE COURSES			
IRMA 800	Biblical Principles for Information Resources Management		3	
IRMA 811	Principles & Practices of Information Resources Management	3		
IRMA 812	Organizational Informatics		3	
IRMA 821	Organization of Information	3		
IRMA 822	Entrepreneurship in the Information Industry		3	
IRMA 861	Foundations of the Information Professions	3		
IRMA 871	Collection Management			3
IRMA 872	Indexing and Abstracting		3	
IRMA 841	Knowledge Management for Information Professionals	3		
IRMA 851	Research Methods in Information Resources Management	3		
IRMA 831	Database Management Systems for Information Units	3		
IRMA 862	Archives Administration and Records Management: Principles & Practices		3	
IRMA 870	Seminar: Issues and Themes in IRM			3
IRMA 883	Industrial Attachment			2
IRMA 884	Information Ethics and Policy		3	
IRMA 8--	Specialization Elective Courses*	2	2	2
IRMA 890	Dissertation			6
	TOTAL = 60 Credits	22	22	16

* SPECIALIZATION ELECTIVE COURSES

(1) Guided by the HOD and PG Co-ordinator, students are to choose three (3) specialization elective courses (one per semester) from any one of the groups.

(2) All the three specialization elective courses must be chosen from one group.

(3) The Health Information Management option is open only to BSc. holders in Health Records/Information Management.

Library and Information Studies Specialization

MLIS 871	Managing Libraries and Information Services in changing environments	2		
MLIS 881	Information Systems and Technologies	2		
MLIS 887	Digital Libraries			2
MLIS 852	Government Libraries		2	
MLIS 862	Information Use and Users		2	
MLIS 873	Legal aspects of information			2
MLIS 883	Web Publishing and Design			2

Business Information Management Specialization

MBIM 871	Business Information Resources and Strategic Management			2
MBIM 881	Business Intelligence	2		
MBIM 885	Managing Information Systems Project	2		
MBIM 853	Consultancy and Project Management			2
MBIM 862	Managing Information Resources		2	
MBIM 872	Corporate and Specialized Information Services		2	
MBIM 887	Marketing Concepts and Technology for IRM			

Knowledge & Innovation Management Specialization

MKMA 871	Leveraging Intellectual Resources in KM	2		
MKMA 883	Knowledge Management Strategies			2
MKMA 852	Knowledge Management Systems and Technologies		2	
MKMA 862	Managing Knowledge and Innovation		2	
MKMA 873	Intellectual Capital Management	2		
MKMA 887	Communities of Practice			2

Archives Administration & Records Management Specialization

MRAM 871	Records and Archival Systems	2		
MRAM 881	Electronic Records Management	2		
MRAM 885	Appraisal of Archives			2
MRAM 853	Preservation and Disaster Management			2
MRAM 862	Management of Recordkeeping and Archives Services		2	
MRAM 872	Conservation and Preservation		2	
MRAM 883	Digital Libraries and Archives			2

Health Information Management Specialization

MHIM 871	Health Records Management	2		
MHIM 881	Information Sources and Systems in Health			2
MHIM 885	The Health Information User	2		
MHIM 862	Healthcare Management and Evaluation		2	
MHIM 872	Applications in Medical Informatics		2	
MHIM 883	Coding and Classification Systems			2

ICT in Information Resources Management Specialization

IIRM 857	Network Security Management	2		
IIRM 881	Web Publishing and Design	2		
IIRM 862	Data Warehousing and Data mining		2	
IIRM 872	Information technology strategy and policy		2	
IIRM 887	Information retrieval			2
IIRM 873	Emerging Technologies and Innovation For Information Units			2

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 801: RELIGION, FAITH AND MORALITY (2 Credits)

GEDS 802: STATISTICS (2 credits)

IRMA 800: BIBLICAL PRINCIPLES FOR INFORMATION RESOURCES MANAGEMENT (3 UNITS)

The Bible is viewed as the foundation of information generation and management. The principles and theories applied in the teaching of Library Science, Information Science, Records Management, Knowledge Management, Information Communication Technology, Health Information Management, etc. are derived from the Bible. This course makes it clear. Biblical perspectives of ethical issues in information management are exposed. Examples of Information Resources principles are shown from the Bible. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

IRMA 811: PRINCIPLES AND PRACTICES OF INFORMATION RESOURCES MANAGEMENT (3 credits)

Principles of Information Resources Management and the role these principles play in the overall management of organizations and their information resources. Topical issues are: Information Resources, types of information, value of information, information processing techniques, information processing personnel.

IRMA 812: ORGANIZATIONAL INFORMATICS (3 credits)

Introduces information technology and social behaviour in the organizational context. Concepts of organizational theory, organizational behaviour, knowledge and information management and organizational intelligence provide a critical foundation for managing information, people and information and communication technologies in rapidly changing and dynamic environments.

IRMA 821: ORGANIZATION OF INFORMATION**(3 credits)**

Key principles, concepts and standards that guide the development of information organization and retrieval systems and web-based information architectures. Standards governing the description, distribution and access to information locally and internationally. Cataloguing, classification, indexing, thesaurus construction and knowledge discovery metadata schemes and tools. Analysis of the effects of socio-economic and technological factors on the development of bibliographic utilities/networks and cataloguing operations. Development of systems for organizing information and promoting access to information resources in physical or digital/web-based collections. Practical sessions deal with the use of major bibliographic tools, schemes and systems for information organization. (2hrs lectures, 1hr practical).

**IRMA 822: ENTREPRENEURSHIP IN
THE INFORMATION INDUSTRY****(3 credits)**

Prepares students to start businesses in the information industry or to work effectively in new start-up businesses. Discusses aspects of creating a business and expects students to develop an idea into a business plan that could be used to either guide the creation of the business or secure funding for a new business.

IRMA 831: DATABASE MANAGEMENT SYSTEMS FOR INFORMATION UNITS

(3 Credits) Modern database management systems, theory, methods, and techniques widely used today to design, develop, and maintain a relational database system. Applications of fundamental database principles in a stand-alone database environment using MS Access on the Windows platform. Application under internet environment will also be discussed.

**IRMA 841: KNOWLEDGE MANAGEMENT FOR
INFORMATION PROFESSIONALS****(3 credits)**

Data -Information -Knowledge -Wisdom continuum. Types and sources of knowledge. Theories and principles of knowledge management. The knowledge management process. Concept of organization knowledge and the contextual underpinning of knowledge management. Roles, responsibilities and skills of KM professionals. Organizational learning. Success stories from industry.

**IRMA 851: RESEARCH METHODS IN
INFORMATION RESOURCES****(3 credits)**

Overview of theoretical tools and practical skills for the design and execution of a research project, particularly in relation to research in the area of information resources management. Underlying questions about the nature of social science and information science research. Search and critical use of research literature; Topic definition and formulation of research questions, writing a research proposal. Research methodology, Evaluation and selection of relevant methods for data collection and analysis.

IRMA 861: FOUNDATIONS OF THE INFORMATION PROFESSION (3 credits)

Provides background information about the information professions including librarianship and the discipline of library/information science (LIS) and Information Technology (IT), the organizations and institutions of the information provision environment, and the applications of technology to information provision. The overall intent of the course is to facilitate optimal information management.

**IRMA 862: ARCHIVES ADMINISTRATION AND
RECORDS MANAGEMENT:
PRINCIPLES AND PRACTICES****(3 credits)**

Essentials of records and record keeping systems in organizations. Traditional records management and challenges posed by modern ICT. Relevance of records management, methods

for working with information systems and the variety of paper and electronic formats. The role of records and archives in organizations and society. Theories/models relating to record keeping and archives; record keeping requirements relating to the creation, management and accessibility of records as evidence of social and organization activity in various business and social contexts; preservation and conservation of Information Resources. Development of appraisal and metadata management programmes in relation to contemporary and historical record keeping systems including electronic record keeping systems. Legal, policy and ethical issues surrounding records and archives administration.

**IRMA 870: SEMINAR: ISSUES AND THEMES IN
INFORMATION RESOURCES MANAGEMENT (3 credits)**

Discussions and seminar presentation on contemporary issues in the field of Information Resources Management.

IRMA 871: COLLECTION MANAGEMENT (3 credits)

Principles and processes for building and maintaining library and information centre collections. Identification, evaluation, selection, acquisition, weeding and preservation of materials in all formats are emphasized. Also considered are the contexts of all types of libraries and needs of diverse patrons.

IRMA 872: INDEXING AND ABSTRACTING (3 credits)

The principles and practical methods of creating indexes and abstracts of information and knowledge resources. Varying types of indexes and abstracts, preparation of abstracts, subject analysis and vocabulary control, thesaurus construction, and computer assisted indexing will be considered. Also, evaluation of indexing and retrieval systems, evaluation of software aids, and professional opportunities for indexers and abstractors will be discussed.

IRMA 883: INDUSTRIAL PRACTICAL ATTACHMENT (2 credits)

Students are expected to proceed on industrial attachment to any relevant information organization for at least 3 months.

IRMA 884: INFORMATION ETHICS AND POLICY (3 credits)

Overview of ethical theories and how they inform agency policies and practices, examines selected policy issues relating to information and communication, includes topics such as intellectual property, privacy censorship, equity of access, freedom of information, human rights, e-government.

IRMA 890: DISSERTATION (6 credits)

Students will be required to carry out an independent study in their area of specializations. The study will include a pre-field whereby students will present a research proposal for approval and a post-field after carrying out the study. The dissertation will be carried out under the supervision of a competent faculty.

LIST OF SPECIALIZATION COURSES

A. LIBRARY AND INFORMATION STUDIES SPECIALISATION

MLIS 852: GOVERNMENT LIBRARIES (2 credits)

Approaches to the organization and administration of college and university libraries. Current and future trends in higher and further education and in their library and information services. The role of the library and its integration into the academic life of the institution. Managing printed and electronic resources to support teaching, learning and research. The electronic library. Academic

library websites. Electronic resources and licensing issues, subject and institutional portals. Institutional repositories, service provision, services for different types of users (students, researchers, academic and non-academic staff). Key management issues in academic library management. Accessing and managing the key types of government information, including Nigerian legislation, key challenges within their area such as knowledge management for government information services and the skills required and roles undertaken by information professionals in the environment. Standards and best practices in government web site design, accessibility and usability, collection management, archiving and user education.

MLIS 862: INFORMATION USE AND USERS (2 credits)

Special aspects of user services, publics served, skills in service and service models involved. May include topics on information referral, digital reference, literacy services, services to the elderly, services to underserved populations and non-traditional users. May also include survey of information needs, information seeking behaviour and information use by people in their various roles, situations and contexts. Methods that are used to study information needs, uses and information seeking behaviour, including community analysis.

MLIS 871: MANAGING LIBRARIES AND INFORMATION SERVICES IN CHANGING ENVIRONMENTS (2 credits)

Topics relevant to library management of public, academic and special libraries, management theories, strategic planning fiscal management, professional association, HR/personnel, project management, licensing facilities management assessment.

MLIS 873: LEGAL ASPECTS OF INFORMATION (2 credits)

Review of copyright, patent, legal deposit, newspaper, archives, libraries and museum legislation, censorship, statutes of limitation; privacy and confidentiality laws; Laws of defamation, Freedom of information.

MLIS 881: INFORMATION SYSTEMS AND TECHNOLOGIES (2 credits)

Key applications of information technologies in libraries, networking and internet applications, implications of future technological development on libraries, web page authoring, use of internet and networks to deliver library services, graphics and multimedia applications. Types of Input/Operating Systems, Data Processing, Transmission, output devices, social Impact, Computer Architecture, Digital and Analog Computers.

MLIS 883: WEB PUBLISHING AND DESIGN (2 credits)

HTML; Introduction to SGM; Internet and web design-practical hands-on; Digital libraries, Virtual Libraries; Introduction to Multimedia; hypermedia, and polymedia; hands on practical, submission of project.

MLIS 887: DIGITAL LIBRARIES (2 credits)

Research, development and evaluation issues in digital libraries, including collection development and digitization, provision of access to multimedia materials, access strategies and interface, metadata and interoperability, and the implications of digital libraries, with respect to policy and social issues.

B. BUSINESS INFORMATION MANAGEMENT SPECIALISATION

MBIM 853: CONSULTANCY AND PROJECT MANAGEMENT (2 credits)

To successfully apply the insights from the Information Strategy and Business Applications courses, it is crucial you have a deep knowledge and understanding of the consultancy process and project management. Through working in multicultural teams, this course will provide you with

the right project management tools and techniques to help your team execute business projects successfully.

MBIM 862: MANAGING INFORMATION RESOURCES (2 credits)

As a graduate, you will probably be confronted with the decision processes a chief information officer (CIO) faces today. This requires understanding topics such as: managing the IT infrastructure, IT outsourcing, and offshore outsourcing in a global context. In this course, you will develop a deeper understanding of these subject areas as well as the centralized/decentralized role of the IT department, managing security, privacy, and identity in global companies.

MBIM 871: BUSINESS INFORMATION RESOURCES AND STRATEGIC MANAGEMENT (2 credits)

Examination of business and economics fields; their literature and research. Collection development and services, general reference sources, statistical, bibliographic, government documents, periodicals, associations etc. in print and electronic forms and techniques for using them. Discussions of specific client groups, ethics, management and current issues. Sorting out business – critical information out of enormous quantities of available data. Professional handling of knowledge and facts for strategic business decision making.

MBIM 872: CORPORATE AND SPECIALIZED INFORMATION SERVICES (2 credits)

This course presents various ways of helping managers with their needs for information. The course focuses on the skills needed to successfully interact with suppliers, bankers, stock markets, companies, markets, competitors and diverse populations in the course of helping to fulfil their information needs. The course will approach the topics from different directions, including information professional practice and information behaviour theory. The course will touch on the following topics: reference services, user education, information literacy, search strategies, and policies and ethics of the information profession.

MBIM 881: BUSINESS INTELLIGENCE 2 credits)

Business intelligence in the corporate environment: application, systems and processes. Characteristics of competitor, competitive and social intelligence. Business intelligence and growth opportunities: political, economic and social environments. Business intelligence strategies and systems. Business intelligence in various contexts; product; customer and supplier. Internet and web based intelligence. Ethical issues related to business intelligence.

MBIM 885: MANAGING INFORMATION SYSTEMS PROJECT (2 credits)

General systems theory; characteristics of systems; systems relationships, classification of systems; cybernetic control; communication theory; basic requirements of Management Information Systems (MIS); retrieval and privacy of information, data relating to business operations; planning information; control information; establishing the information needs of management; the approach to the development of MIS; corporate in adviser; the approach to improving the flow of information in a business; the costs and benefits of information; information and the level of management; information related to the type of business; use of computers in management of information systems.

MBIM 887: MARKETING CONCEPTS AND TECHNOLOGIES FOR IRM PROFESSIONALS (2 credits)

Marketing and management, the librarian and the information professional, marketing and the quality revolution, marketing strategies; product, promotion and public relations; market segmentation; marketing in the digital age; corporate identity and corporate image.

C. KNOWLEDGE AND INNOVATION MANAGEMENT SPECIALISATION

MKMA 852: KNOWLEDGE MANAGEMENT SYSTEMS AND TECHNOLOGIES

(2 credits)

Developing a KM infrastructure and architecture. Selection revaluation of knowledge management tools including content management, business intelligence, search engines, intelligence agents, mind mapping and idea processors, taxonomy builders, enterprise knowledge portals, collaboration and learning systems, Trends and future directions of KM and future directions of KM technologies. Survey of KM systems that enable the access and coordination of knowledge assets, including intranets, groupware, weblogs, instant messaging, content management systems, and e-mail in both individual and organizational contexts

MKMA 862: MANAGING KNOWLEDGE AND INNOVATION

(2 credits)

Following on the subjects taught in the previous core courses, we will focus on knowledge management and knowledge-sharing platforms for international businesses and organizations. Managing innovation is the other topic in which you will develop insights during this course. In this course, you will learn how firms are trying to make this transition to open innovation. Emphasis is placed on knowledge sharing, collaboration, innovative networks, and new competition (open source development).

MKMA 871: LEVERAGING INTELLECTUAL

RESOURCES IN KNOWLEDGE MANAGEMENT

(2 credits)

Analysis of the intellectual and knowledge-based assets of an organization as key drivers of the new economy. Role of the Chief knowledge Officer in creating, exploiting and managing knowledge in an organization, human aspects of knowledge management such as the role of communities of practice in transferring tacit knowledge into explicit knowledge and the types of organizational values needed to support information sharing and collaboration. Strategies to measure the contribution of knowledge to meeting organizational mission objectives. Technological dimensions of knowledge management e.g. portals etc.

MKMA 873: INTELLECTUAL CAPITAL MANAGEMENT

(2 credits)

Understanding the strategic role of intellectual assets, how individual communities and organizations can identify their knowledge experience, expertise and innovations more systematically to create value for the organization. Emphasis is placed on understanding the links between individuals and the organization in the sharing of intellectual assets.

MKMA 883: KNOWLEDGE MANAGEMENT STRATEGIES

(2 credits)

Definition and development of knowledge strategies for creating organizational knowledge. Determining the value of knowledge and innovation. Effective management of knowledge assets, creating an expertise locator or knowledge index, conducting a knowledge audit, good practices, repositories issues and challenges for knowledge economies and enterprises, micro and macro KM case studies. Frameworks for study of KM tools. Assessing organizational and technological readiness.

MKMA 887: COMMUNITIES OF PRACTICE

(2 credits)

Stages in the development of informal knowledge sharing groups and the roles and responsibilities of information professionals are examined. Focus is on the analysis of knowledge flow, knowledge creation and dissemination within and between different networks of knowledge.

D. RECORDS AND ARCHIVES MANAGEMENT SPECIALISATION

MRAM 871: RECORDS AND ARCHIVAL SYSTEMS

(2 credits)

Fundamental role of records and archives in organizations and society. Theories and models relating to record keeping and archiving and their application. Specification of record keeping requirements relating to the creation, management and accessibility of records as evidence of social and organizational activity in a range of business and social contexts. Development of appraisal and meta data management programmes in relation to contemporary and historical record keeping systems including electronic record keeping systems. Appraisal and Meta data management policies, strategies, tactics and tools with reference to international and national standards and best practice. Oral history, user education relating to Archives Exhibitions, Acquisitions policy, Environmental Hazards.

MRAM 881: ELECTRONICS RECORDS MANAGEMENT (2 credits)

Key elements of a successful electronic records programme incorporating electronics records management into the fabric of an organization. The ways in which new information technologies challenge the capacities of organizations to define, identify, control, manage and preserve electronic records. Strategies, practices and tools employed by organizations to manage electronic records and how these are affected by different organizational, technological, regulatory and cultural factors. Analysis of problems of long-term preservation and continuing access to electronic records.

MRAM 885: APPRAISAL OF ARCHIVES (2 credits)

Appraisal of records for long term preservation is the first responsibilities of the archivist. The course provides knowledge of the theories, strategies and professional practices concerning archival appraisal. Evolution of appraisal thinking and different appraisal experiences. Examples from the real world of appraisal strategy and methodology. Personal and private, institutional and governmental records. Application of theories and strategies through group projects to various recording media and functional areas of records creation.

MRAM 853: PRESERVATION AND DISASTER MANAGEMENT (2 credits)

Principles of preservation, understanding archival materials, and threats to collections. Storage and environment, archive surveys and formats, identification and storage. Handling records, working with conservators, digital preservation and the creation of surrogates. Designing a disaster plan, identifying and understanding risks, environmental control, types of disaster, security, staff training and disaster simulation, emergency operation plan, formulating systems for response and recovery.

MRAM 862: MANAGEMENT OF RECORDKEEPING AND ARCHIVES SERVICES (2 credits)

An introduction to basic management principles and practices in the context of records and archives management: personnel, facilities, technology, and finance. Policy, planning, implementation and evaluation of services. Relationships with other sections of management, legal and ethical constraints, security and disaster planning, and marketing.

MRAM 872: CONSERVATION AND PRESERVATION (2 credits)

Explores the strategies and practices that information professionals use to cope with the problem of deteriorating materials. These range from practical low-cost actions that may be implemented by information professionals in every kind of working environment, to strategies that can only be administered at a national, sometimes even international level.

MRAM 883: DIGITAL LIBRARIES AND ARCHIVES (2 credits)

This course focuses on the current state of “digital libraries” from a multidisciplinary perspective. Its point of departure is the possibilities and prospects for convergence of professions and cultures around the notion of digital media content. The course covers the history of the idea of digital library and digital archive, especially its manifestation as projects and programs in academic, non-

profit, and research settings, and the suite of policy issues that influence the development and growth of digital libraries and archives. A foundation of core archival principles as applied in digital library and archives settings will serve as an intellectual construct supporting the exploration of the related concepts of scholarly communication, digital preservation, cyber infrastructure, representation, and standards/best practices. Students will be expected to master a diverse literature, to participate actively in the discussion of issues, and to take steps, collectively and individually, to advance our understanding of future directions of digital libraries and archives.

E. HEALTH INFORMATION MANAGEMENT SPECIALISATION

MHIM 862: HEALTHCARE MANAGEMENT AND EVALUATION (2 credits)

Principles of public health administration and management; history and definition of management; administrative theory; management; skills and techniques; evaluation of health services; levels and types; management of human, material and financial resources; public health legislation; main method of evaluating the effectiveness; cost effectiveness; human and quality of health service; methods of measuring disease disability and quality of life.

MHIMA 871: HEALTH RECORDS MANAGEMENT (2 credits)

Current methods of using and developing electronic records to support healthcare delivery. Patient involvement, architecture of record systems (including electronic systems); their use to support processes such as research, clinical coding and clinical audit and data integrity, security and confidentiality.

MHIM 872: APPLICATIONS IN MEDICAL INFORMATICS (2 credits)

A survey of concepts and activities in medical informatics, including an introduction to the applications of IT in the areas of knowledge-based information and library informatics, integrated hospital information systems and patient-specific information, nursing, radiology, pathology and pharmacy services, clinical decision support, tele-health and medical education. Also included are concepts related to informatics in healthcare financing, legal, ethical and philosophical issues in medical informatics, and consumer informatics.

MHIM 881: INFORMATION SOURCES AND SYSTEMS IN HEALTH (2 credits)

The healthcare organization and its environment (including administrative, acute and primary health settings). Information sources-formal and informal. Key principles of information systems and systems theory. Use of information system within the healthcare sector. Development and maintenance of health information systems; challenges of implementing information systems within a healthcare organization. Computing and data communications in the support of information systems in healthcare, Data protection and security. Monitoring and evaluation of impact/success of information systems in healthcare settings.

MHIM 883 Coding and Classification Systems (2 credits)

This course introduces ICD, CPT and other classifications and nomenclatures. Emphasis will be placed on the assignment of diagnosis and procedure codes. Management and use of encoding systems is examined.

MHIM 885: THE HEALTH INFORMATION USER (2 credits)

Uses of health information, topology of health information, users and their work environment, information seeking behaviour of health workers, user studies, reasons, types, and methods, application and evaluation, user education, sensitization and orientation, reasons, content, methods of health information sourcing, target groups, evaluation and management.

F. ICT IN INFORMATION RESOURCES MANAGEMENT SPECIALISATION

IIRM 857 NETWORK SECURITY MANAGEMENT

(2 credits)

Provides a comprehensive overview of network security and intrusion detection. Topics include security overview, authentication, attacks and malicious code, communication security, Web security, network security topologies, intrusion detection, firewalls and VPNs, security baselines, security algorithms, physical security, disaster recovery, forensics overview, and other state-of-the-art developments.

IIRM 862: DATA WAREHOUSING AND DATA MINING

(2 credits)

The main concepts, components, and various architectures of Data Warehouse. Advanced data analysis and optimization of Data Warehouse Design. Data Warehousing and OLAP tools. Applying data mining algorithms to retrieve highly specialized information or knowledge about the data stored in the Data Warehouse.

IIRM 872: INFORMATION TECHNOLOGY STRATEGY AND POLICY (2 credits)

Focus on the use of information systems technology to develop and maintain a strategic competitive advantage. Topics also demonstrate how Information Systems technologies are used to enhance organizational performance and effectiveness.

IIRM 873 EMERGING TECHNOLOGIES AND INNOVATION FOR INFORMATION UNITS

(2 CREDITS)

This course will expose students to emerging trends and technologies in library and information services such as Library Automation, Digitalization, Institutional Repository and Digital Library Services, Consortia based Services, QR Code, , Open Access, Reference Management, Virtual/Digital Reference Services, Ask the Librarian, Content Management, CAS/SDI services, Web 2.0 and 3.0 based Services, Use of Social Media, Green Library Concept, Cloud computing, Mobile based Library Services, Use of Expert Systems and Robotics.

IIRM 881: WEB PUBLISHING AND DESIGN

(2 credits)

HTML; Introduction to SGM; Internet and web design-practical hands-on; Digital libraries, Virtual Libraries; Introduction to Multimedia; hypermedia, and polymedia; hands on practical, submission of project.

IIRM 887: INFORMATION RETRIEVAL

(2 credits)

Provides hands-on experience with procedural extensions to the SQL language for retrieval and manipulation of data. Topics include data control languages, control structures, looping and branching, local and global variables, exception handling, stored procedures and database triggers, cursors and cursor processing.

MASTER OF PHILOSOPHY (MPhil) IN INFORMATION RESOURCES MANAGEMENT

LIST OF COURSES FOR MPhil IN INFORMATION RESOURCES MANAGEMENT

		FIRST YEAR		SECOND YEAR	
COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES				
GEDS 901	Personal and Family Wholeness	2			
GEDS 902	Advanced Statistics		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
IRMA 912	Information Policy		3		
IRMA 921	Information for Diverse Populations	3			
IRMA 902	Competitive Intelligence		3		
IRMA 901	Human Resources Management in Information Centers	3			
IRMA 907	Data Management	3			
IRMA 9--	Elective Courses*		2		
IRMA 880	MPhil Seminar			3	
IRMA 890	MPhil Dissertation			(8)	8
	TOTAL = 36 Credits	13	12	3	8

** Guided by the HOD and PG Coordinator, each student is required to take one (1) elective course, from the pool of elective courses (see the list under the PhD curriculum), in the 2nd Semester of the First Year.*

DOCTOR OF PHILOSOPHY (PhD) IN INFORMATION RESOURCES MANAGEMENT

Requirements for Admission into the PhD Programme

Candidates seeking admission into the PhD programme in Information Resources Management are required to have Master's degree in Information Resources Management (MSc), Library and Information Science, or Information Science or Archival studies, wherein they would have obtained an average score of at least 60% or a CGPA of 4.0 (on a 5-point scale). Candidates must submit official transcripts as evidence.

Candidates with a CGPA of 3.50 and 3.99 on a 5-point scale or 55-59% in the Master's program may be admitted under conditional status to the PhD programme, provided that they successfully complete a minimum of 16 additional credits in Master's level coursework in information resources management in Babcock University prior to commencing any coursework in the PhD in

Information Resources Management programme.

Candidates who score between 3.00 and 3.49 on a 5-point scale or 50-54% in the MSc may be admitted into the MPhil programme. The MPhil programme shall be for two years (4 semesters). In the first year, the MPhil candidate will be expected to complete the first year (2 semesters) of PhD coursework. In the second year, the MPhil candidate will complete the MPhil program, as well as submit an MPhil Dissertation. The MPhil must be completed with a minimum of 60% for the candidate to be eligible for regular admission into the PhD in Information Resources Management programme. After the successful completion of all requirements for the MPhil, the candidate may directly proceed to the second year of the PhD programme.

For candidates with Master's degree in an area other than Information Resources Management, or Library and Information Science or Information Science, but that meets the required level of proficiency, the transcript will be reviewed to ascertain which of the required courses in the Babcock University Master's in Information Resources Management have been completed. Any outstanding deficiencies must be completed prior to admission to the doctoral programme.

An MPhil in IRM from Babcock University, with a minimum proficiency level of 60%, will count for the first year of the PhD programme, with the student commencing with the activities of the 2nd year of the PhD programme of studies. If the student has an MPhil in IRM from any other institution, with a minimum proficiency level of 60%, the student will commence with the first year of the PhD programme of studies.

Note: Professional experience may not be counted to waive a deficiency in the programme requirement.

Policies pertaining to admissions to a PhD programme

Regular admission to a PhD programme may be granted when the applicant brings a Masters' degree from a recognized university and all admission requirements have been successfully completed.

Provisional admission to a PhD programme may be granted when the applicant brings a Masters' degree from an institution whose recognition cannot be adequately determined (especially in the case of a foreign institution), but who otherwise has successfully completed all other admission requirements to the PhD programme.

Conditional admission to a PhD programme is granted when the applicant brings a Masters' degree in a non-related area or in a professional rather than academic programme and must consequently complete remedial coursework. No coursework may be taken which will be counted as part of the doctoral programme while the student is under conditional admission.

The Department reserves the right upon the approval of the CPGS to offer or deny admission to prospective applicants based on existing faculty and/or staffing needs, budgetary considerations, strategic needs/plans, and so on.

Curriculum for the Programme

Candidates for the PhD will be required to complete three semesters of coursework in areas related to the focus of their PhD programme, and then will spend a minimum of three semesters developing a doctoral thesis and carrying out research related to the attainment of the PhD.

Coursework for the PhD shall amount to 41 credits, and the thesis shall amount to 16 credits, for a total of 57 credits. The minimum CGPA for graduation shall be 4.0 on a 5.0-point scale.

LIST OF COURSES FOR PHD IN INFORMATION RESOURCES MANAGEMENT

		FIRST YEAR		SECOND YEAR		THIRD YEAR	
COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 902	Advanced Statistics		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
IRMA 900	Biblical Perspectives in Information Resources Management			3			
IRMA 912	Information Policy		3				
IRMA 921	Information for Diverse Populations	3					
IRMA 902	Competitive Intelligence		3				
IRMA 901	Human Resources Management in Information Centers	3					
IRMA 907	Data Management	3					
IRMA 970	Seminar 1: Philosophical and Professional Perspectives on Information Systems			4			
IRMA 980	Seminar 2: Research Methods, Design, Theory & Practice in IRM				4		
IRMA 914	Issues in Management Theories & Applications				3		
IRMA 9--	Elective Courses*		2	2			
IRMA 990	Thesis			4	4	4	4
	TOTAL = 57 Credits	13	12	13	11	4	4

** Guided by the HOD and PG Coordinator, each student is required to take two (2) elective courses, from the pool of elective courses (one course in the 2nd Semester of the First Year and 1st Semester of the Second Year respectively).*

ELECTIVE COURSES

IRMA 911	Appraisal of Archives and Manuscript	2 credits
IRMA 913	Information Consulting	2 credits
IRMA 916	Strategic planning and Policy	2 credits
IRMA 918	Managing Knowledge for Innovation	2 credits
IRMA 922	Information and Society	2 credits
IRMA 923	Advanced Information Storage and Retrieval	2 credits
IRMA 927	Gender and ICT	2 credits
IRMA 933	Health Informatics	2 credits
IRMA 926	Quality Improvement in Healthcare	2 credits
IRMA 931	Innovation Management and Strategy in Information Units	2 credits

COURSE DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 901: PERSONAL AND FAMILY WHOLENESS **2 Credits**

GEDS 902: ADVANCED STATISTICS **2 Credits**

GEDS 911: RESEARCH PROPOSAL AND WRITING **2 Credits**

GEDS 912: ADVANCED RESEARCH DESIGN **2 Credits**

IRMA 880: MPHIL SEMINAR **(3 Credits)**

This course is designed to teach students how to engage in critical research writing, especially bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. It also exposes students to how to write internationally acceptable articles on methodology and design as well as prepares the student toward meaningfully engaging in the process of writing the Dissertation. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

IRMA 890: MPHIL DISSERTATION **(8 credits)**

Independent study of a topic approved by the department under the supervision of a lecturer in the department. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the project work.

**IRMA 900: BIBLICAL PERSPECTIVES IN
INFORMATION RESOURCES MANAGEMENT** **(3 credits)**

Exploration of the biblical principles that underpin theory and practice in Information Resources Management. The course will explore Biblical perspectives of Theory of organization of knowledge, the issue of morality (right and wrong), censorship in the handling, dissemination and preservation of information. *This Capstone Course MUST be cotaught by a host teacher and a teacher from the Department of Religious Studies.*

**IRMA 901: HUMAN RESOURCES MANAGEMENT
IN INFORMATION CENTRES** **(3 credits)**

An examination of key issues in human resources management in libraries and information centres. Topics include leadership, supervision, job analysis and work design, performance appraisal, staff training and development, employee relations, human rights and planned organizational change. The issue delegation, financial prudence, as well as ethical and moral issues while dealing with individual staff matter will be discussed from Biblical perspective.

IRMA 902: COMPETITIVE INTELLIGENCE **(3 credits)**

Competitive intelligence process in profit and not-for-profit-organizations; principles and tools for identifying competitive intelligence needs; acquiring, organizing, and storing information, creating intelligence through analytical techniques; developing and distributing intelligence products. Legal and ethical aspects, information audits, and cooperative intelligence. The course will highlight biblical perspective of hard work, trustworthiness and equal measure in dealing with others.

IRMA 907 DATA MANAGEMENT**(3 Credits)**

This course explores policy, strategies and practices on how to protect, oversee and interpret data assets for various organizations, including corporations, government agencies, educational institutions and medical facilities. The course will cover concepts including Research Data Life Cycle, Data Management Plan, Data Management Tools, Organizing Data, Data Sharing and Data Preservation and Curation.

IRMA 911: APPRAISAL OF ARCHIVES AND MANUSCRIPTS**(2 credits)**

Classical archival appraisal theory and recent refinements including documentation strategies. Relates appraisal to the mission, goals and objects of an archival institution. An exploration of the applicability of appraisal theory to records on media other than print. The course will also highlight the importance of records keeping from the Biblical point of view.

IRMA 912: INFORMATION POLICY**(3 credits)**

Information societies are examined from a global perspective, emphasizing, political, economic, social, cultural and ethical issues including the roles of government and the private sector in providing information system and services, trans border data flow; information access at personal, intellectual and national level, censorship, copyright and data security. The ethical and moral aspect of information policy will also be discussed from the biblical point of view.

IRMA 913: INFORMATION CONSULTING**(2 credits)**

The information consulting (IC) course is designed to serve as a capstone course for the students who have geared their studies around business information resources and services. Students will be challenged to identify appropriate resources and develop deliverables for their clients to solve complex business problems. The course readings and discussion will focus on a necessary framework for understanding the role of the information specialist in the corporate setting

**IRMA 914: ISSUES IN MANAGEMENT THEORIES
AND APPLICATIONS****(3 credits)**

Research on a topic selected by the student and carried out with scheduled reports to a faculty member. Reports of the research may take various forms as determined in advance by the student and faculty member. A maximum of three credits may be earned under this course. In this doctoral seminar, the student is expected to research on specific topics in the area of Professional issues under the guidance of a faculty member. The students will then present his/her findings in formal papers, and discuss these with the class at least three times during the course.

IRMA 916: STRATEGIC PLANNING AND POLICY**(2 credits)**

This course provides students with theory and practice in strategic management by the use of lectures and case analysis. It helps build in students critical business skills of planning and managing strategic activities. Topics include determining mission, purpose and philosophy of companies, developing a company profile, conducting a resource analysis, assessing the external environment, identifying various strategic options, making strategic analysis and choice, settling long-term objectives, developing long-term annual objectives and grand strategies, implementing strategic decisions, reviewing, and finally, controlling them. The course will emphasize more than anything else, that God is the Master Strategic Planner and Policy Formulator.

IRMA 918: MANAGING KNOWLEDGE FOR INNOVATION**(2 credits)**

The field of knowledge management is one of the most exciting yet challenging areas of modern managerial practice. The ability to effectively manage knowledge as a corporate asset and to use it to bring about innovation (be it in industrial, commercial, corporate or service organisation) is critical to developing and maintaining competitive edge and organisational sustainability. Topics

to be covered include contemporary theories and practices in Knowledge Management (KM); KM systems, strategies, tools and technologies; organisational and social implications of KM; intellectual capital and its management.

IRMA 921: INFORMATION FOR DIVERSE POPULATIONS (3 credits)

Services for multi-cultural populations and group with special interests or needs: sensory or mobility impaired, learning disabilities, adult beginning readers, gifted and talented, homeless, aging. Federal regulations, materials, professional attitudes, techniques, equipment and programmes at all levels and settings. The concept of equity, fairness and caring attitude to those less advantaged, orphans, widows and others will be discussed from the christian perspective.

IRMA 922: INFORMATION AND SOCIETY (2 credits)

Introduction to our world of Information, documents and information agencies with historical and social approach. A look at how information is generated and at the role played by libraries and other relevant agencies. Students will be taught that God created societies for His glory and to fulfil his purpose. Therefore, this course will show how orderliness, technological advancement, sharing information and working for the good of man is divinely inclined.

IRMA 923: ADVANCED INFORMATION STORAGE AND RETRIEVAL (2 credits)

Problems and techniques in storage and retrieval of textual and non-textual of materials in various environments; theory and research in seeking, retrieving and information; new challenges for information professionals. The growth and technological advancements to advance human cause will be discussed in relation with biblical principles.

IRMA 926 QUALITY IMPROVEMENT IN HEALTHCARE (2 credits)

This course provides an in-depth study on quality improvement methodology to include data retrieval, display, outcomes analysis and the aspect of risk management for various sectors of healthcare. Mechanisms for promoting facility-wide participation in achieving optimum patient care as delineated in accreditation and government standards will be analysed.

IRMA 927: GENDER AND ICT (2 credits)

Although the use of information, communication and Technology (ICT) is becoming more wide spread in higher education and research in particular, the use of ICT is limited by a negative attitude toward a style of teaching and research which is not usually consistent with the students past learning experience. The course examines issues related to ICT and social exclusion emphasizing gender mainstreaming in ICT education and research. Students are taught God's plan in creating the human race, not for one to be superior to the other but to use every available technology to provide quality service and honour God.

IRMA 931 INNOVATION MANAGEMENT AND STRATEGY IN INFORMATION UNITS (2 credits)

This course will explore main issues in the management of technological innovation and an appreciation of the relevant skills needed to manage innovation at both strategic and operational levels in information centric organizations. It provides evidence of different approaches based on case studies and experiences of information-centered organizations.

IRMA 933 HEALTH INFORMATICS (2 credits)

This course provides an overview and introduction to healthcare informatics. Topics in the course will include the information infrastructure, data needs, implementing healthcare information systems, decision making, privacy and security, consumer informatics and emerging technologies.

IRMA 970: SEMINAR 1: PHILOSOPHICAL AND PROFESSIONAL PERSPECTIVES ON INFORMATION SYSTEMS (4 credits)

This course examines the philosophical thoughts and episteme of research and scholarship that inform inquiry in information studies. Research topic on a contemporary issue in information profession, Information Technology in Business and ICT will be selected by the student and carried out with scheduled reports to a faculty member. Reports of the research may take various forms as determined in advance by the student and faculty member.

IRMA 980: SEMINAR 2: RESEARCH METHOD, DESIGN, THEORY & PRACTICE IN IRM (4 credits)

In this doctoral seminar, the student is expected to research on specific topics in the area of Research Method, design, theory and practice in IRM under the guidance of a faculty member. The students will then present his/her findings in formal papers, and discuss these with the class at least three times during the course.

IRMA 990: THESIS (16 credits)

This is an independent study that candidates are expected to undertake in their areas of specialization. The thesis topic must first be defended and approved by the departmental panel after which candidates will be assigned to supervisors who will guide them in writing the proposal. Candidates will be asked to defend their proposals in an open forum and must score a minimum of 60% before proceeding to the field for data collection. After data analysis, students will present their findings at a post-field seminar at the department. Finally, the completed thesis will be defended in an oral examination before a panel chaired by the Head of Department, with the supervisor(s), an internal and an external examiner in attendance. The submission and defence of research proposal, execution of research work and oral defence are as stipulated in the general regulations of the College of Postgraduate Studies. The core value of autonomy and responsibility coupled with integrity is emphasized in the execution of the thesis. *The Thesis is to be registered for, over a four semester period.*

SCHOOL OF NURSING SCIENCES



DEPARTMENT OF NURSING SCIENCE

Degree in view: M.Sc., PhD Areas of Specializaon:

1. Maternal Child Health Nursing
2. Adult Health Nursing (Medical-Surgical)
3. Community/Public Health Nursing
4. Psychiatric/Mental Health Nursing



MISSION

The mission of the School of Nursing is to provide high quality, broad-based nursing education that is based on Christian values. The school prepares men and women of various ethnic and religious backgrounds to become dedicated and committed nursing professionals who are ready to advocate for the principle of preventive health care and are willing to take on leadership roles. They will be equipped with clinical skills and research capabilities that will make a difference in this generation. Emphasis is placed on client-centred nursing care practices and holistic approach to learning in the context that integrates faith and learning.

PHILOSOPHY

The 21st Century has witnessed a realization that the health care needs of our community are not being adequately met. As the society becomes more informed and increasingly aware of its fundamental human rights, health care professionals must be adequately prepared to deliver the quality of care that is relevant, functional and acceptable to their clients.

Realizing the challenges of the millennium and the complex nature of our society, we at Babcock University School of Nursing are committed to providing competent professionals for nursing careers with a well-structured, broad-based professional training that is relevant and functional, reflecting a Christian orientation.

While upholding the importance of the highest academic standards, the uniqueness of Babcock University is to be found in the pursuance of the Seventh-day Adventist philosophy of education that emphasizes the harmonious development of the academic, physical, psycho-social and spiritual potentials of learners. The School of Nursing believes that as we seek to develop high professional competence in our students, we also desire to integrate Christian values in preparing nursing and midwifery professionals, in harmony with our conviction of what Christian education should be, to appreciate the meaning of the full restoration of dignity, value and self-worth to mankind.

We believe that man is a multidimensional being, composed of biological, psychological, sociological and developmental variables that influence the state of wellbeing or illness. He has intellectual capacities and has the ability to conceptualize, verbalise and collaborate with others. We also believe that man is creative, makes choices and has the ability for self-actualization. Each person is unique with different needs and potentials which are highly influenced by his sociocultural and environmental imperatives that may impact his ability to adapt to stress and stressors. Man is constantly interacting with a dynamic environment which has consequences for maintenance of stability (health) or disequilibrium (ill-health).

MASTER OF SCIENCE (MSc) IN NURSING SCIENCE

We believe that the Master of Nursing programme is designed to prepare nurses to function in progressively complex roles in health care delivery system. Furthermore, we believe that the global phenomenal increase in science, technology and other human endeavours make nursing education a lifelong commitment beyond the Master level preparation. We believe that an open system model should be used as a framework for curricular direction. It is our conception that the students should be actively involved in their own education: in identifying learning needs; planning learning experiences and evaluating learning outcomes. This involvement should enable them to become self-directed learners, capable of seeking knowledge and developing skill throughout their professional careers.

We believe that each student has a unique experiential background, has individual learning needs and style for the learning, is resourceful and has the ability to contribute to their own and each other's learning. We believe that the quality of nursing care provided by students is a reflection of the attitude and relationships

they experience in their educational preparation. As students experience positive, constructive and accepting attitude from faculty and as they observe supportive, collegial relationships among faculty, administration and other health professionals, so will they model their professional role in their practice.

AIMS/OBJECTIVES

The graduates of the Master of Nursing programme will be ready to work with groups and individuals in identifying and dealing with actual or potential health issues. In pursuance of these, they will:

- identify and use evidence-based nursing interventions in the care of their patients.
- generate and conduct research for the purpose of expanding nursing science.
- demonstrate expertise in the provision of care to individuals and groups coming from diverse backgrounds across the health spectrum
- collaborate with an interdisciplinary team to attain improved patient care outcomes
- possess a comprehensive knowledge of policy formulation and its impacts on nursing practice and healthcare delivery.
- evaluate nursing practice in relation to professional standards and assume accountability for practice on a continuing basis.
- analyze ethical and legal issues as they affect nursing and its contact with clients and other health professionals.

ADMISSION REQUIREMENTS

1. An applicant to the M.Sc. (Nursing) programme shall possess a Bachelor of Nursing degree of Babcock University or other accredited universities with a minimum of second class lower division.
2. In addition to No 1 requirement, holders of Higher National Diploma (HND) in Public Health Nursing, Diploma in General Nursing, Midwifery and Psychiatric/Mental Health Nursing from a programme accredited by the Nursing and Midwifery Council of Nigeria, will be considered for M.Sc. in Community/Public Health Nursing, Adult Health/Medical-Surgical Nursing, Maternal and Child Health Nursing and Psychiatric/Mental Health Nursing.
3. Proven strength in areas of specialization will be an added advantage when considering applications for admission.
4. Applicants for Adult Health/Medical-Surgical or Community Health/Public Health Nursing or Psychiatric/Mental Health Nursing specialisations must be currently registered as a Nurse with the Nursing and Midwifery Council of Nigeria. In addition to being a Registered Nurse, an applicant for Maternal and Child Health specialization must be a Registered Midwife with the Nursing and Midwifery Council of Nigeria.
5. Applicants with Bachelor of Nursing degree (3rd Class) from accredited universities with Postgraduate Diploma in Nursing (PGDN) or Postgraduate Diploma in Education (PGDE) will be eligible for admission into the Master degree program.
6. Applicants with Bachelor's degree in related disciplines to Nursing from accredited universities with Postgraduate Diploma in Nursing (PGDN) or Postgraduate Diploma in Education (PGDE) will be eligible for admission into the Master degree program.
7. Candidates shall be required to submit a 500-word statement of intent, explaining their areas of research focus and interests.
8. Candidates seeking admission shall be subjected to a qualifying examination. Candidates with good performance shall be recommended to the College of Postgraduate Studies for provisional admission into the program.
9. Decision of the University regarding admission is final.

Degree offered: Master of Science (MSc) Nursing with specialization in;

- Adult Health/Medical-Surgical Nursing
- Community Health/Public Health Nursing
- Maternal and Child Health Nursing

- Psychiatric/Mental Health Nursing
- Nursing Education
- ✓ Nursing Administration

DURATION OF THE PROGRAM

Regular Semester: Minimum of 4 semesters and maximum of 6 semesters

Elongated Semester: Minimum of 6 semesters and maximum of 8 semesters

GRADUATION REQUIREMENTS

To obtain the M.Sc in Nursing degree, a candidate must take and pass a minimum of 47 units of courses made up of the following:

General Education Requirements	4 units
Core Courses	16 units
Specialization courses	11 units
Practicum	4 units
Electives	6 units
Dissertation	6 units
Total	47 Units

In addition to specified core courses, candidates are required to offer courses which are relevant to their specialization. Each student's plan of study must be approved by the Head of Department, the School of Nursing and the Board of the College of Postgraduate Studies, Babcock University. Candidates must achieve at least 50% in each of the core courses and specialization courses. They will also conduct and successfully defend a Dissertation. Minimum number of years for graduation is 2 years. A minimum CGPA of 3.0 on a 5.00 point scale is required for graduation.

LIST OF COURSES FOR THE MASTER'S DEGREE

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem	4th Sem
	GENERAL COURSES				
GEDS 801	Religion, Faith and Morality	2			
GEDS 812	Biostatistics		2		
	CORE COURSES				
NRSG 800	Personal Wholeness for Nurses		3		
NRSG 801	Theoretical Basis of Nursing Practice	3			
NRSG 802	Legal and Ethical aspects of Nursing		2		
NRSG 803	Contemporary Issues in Nursing	2			
NRSG 805	Advanced Nursing Research	3			
NRSG 827	Pharmacology in Advanced Nursing Practice	3			
NRSG 870	Seminar in Clinical Nursing			3	
NRSG 890	Dissertation				6
NRSG 8--	Specialization Courses † (See list below)	3	6	4	
NRSG 8--	Electives* (See list below)	3	3		
	TOTAL = 48 Credits	19	16	7	6

† Specialization Courses (see list below), a total of 13 Credits, include a 4-credit supervised practicum.

* Students are to select one elective course each in the 1st and 2nd Semesters, guided by the HOD and Departmental Coordinator (see list below).

SPECIALIZATION COURSES WITH ELECTIVE OPTIONS

Adult Health/Medical-Surgical Nursing

	SPECIALIZATION COURSES				
NRSG 804	Management of Acute/Chronically ill patients		3		
NRSG 806	Advanced Patho-Physiology		3		
NRSG 807	Advanced theories in adult health/medical-surgical nursing	3			
NRSG 809	Practicum in advanced adult health/medical-surgical			4	
	ELECTIVE COURSES (one in semesters 1 and 2)				
NRSG 822	Curriculum Development and Instruction		3		
NRSG 823	Principles of Teaching and Learning in Nursing	3			
NRSG 824	Measurement and Evaluation in Nursing Education		3		
NRSG 826	Organization and Leadership Theories		3		
NRSG 828	Health and Nursing Services Administration		3		
NRSG 845	Leadership and Management in Nursing	3			

Community Health/Public Health Nursing

	SPECIALIZATION COURSES				
NRSG 810	Advanced Community Health Nursing		3		
NRSG 811	Advanced Theories in Community Health	3			
NRSG 812	Advanced primary health care nursing		3		
NRSG 813	Practicum in advanced community health			4	
	ELECTIVE COURSES (one in semesters 1 and 2)				
NRSG 822	Curriculum Development and Instruction		3		
NRSG 823	Principles of Teaching and Learning in Nursing	3			
NRSG 824	Measurement and Evaluation in Nursing Education		3		
NRSG 826	Organization and Leadership Theories		3		
NRSG 828	Health and Nursing Services Administration		3		
NRSG 845	Leadership and Management in Nursing	3			

Maternal and Child Health Nursing

	SPECIALIZATION COURSES				
NRSG 814	Advanced Maternal & Child Health		3		
NRSG 815	Advanced theories of MCH Nursing	3			
NRSG 816	Management of a sick child		3		
NRSG 817	Practicum in advanced MCH Nursing			4	
	ELECTIVE COURSES (one in semesters 1 and 2)				
NRSG 822	Curriculum Development and Instruction		3		
NRSG 823	Principles of Teaching and Learning in Nursing	3			
NRSG 824	Measurement and Evaluation in Nursing Education		3		
NRSG 826	Organization and Leadership Theories		3		
NRSG 828	Health and Nursing Services Administration		3		
NRSG 845	Leadership and Management in Nursing	3			

Mental/Psychiatric Health Nursing

	SPECIALIZATION COURSES				
NRSG 818	Advanced mental/psychiatric health		3		
NRSG 819	Advanced theories of mental /psychiatric nursing	3			
NRSG 820	Advanced community mental health principles		3		
NRSG 821	Practicum in advanced mental /psychiatric nursing			4	
	ELECTIVE COURSES <i>(one in semesters 1 and 2)</i>				
NRSG 822	Curriculum Development and Instruction		3		
NRSG 823	Principles of Teaching and Learning in Nursing	3			
NRSG 824	Measurement and Evaluation in Nursing Education		3		
NRSG 826	Organization and Leadership Theories		3		
NRSG 828	Health and Nursing Services Administration		3		
NRSG 845	Leadership and Management in Nursing	3			

Nursing Education

	SPECIALIZATION COURSES				
NRSG 822	Curriculum Development and Instruction		3		
NRSG 823	Principles of Teaching and Learning in Nursing	3			
NRSG 824	Measurement and Evaluation in Nursing Education		3		
NRSG 825	Practicum in Nursing Education			4	
	ELECTIVE COURSES <i>(one in semesters 1 and 2)</i>				
NRSG 804	Management of Acute/Chronically ill patients		3		
NRSG 806	Advanced Patho-Physiology		3		
NRSG 807	Advanced theories in adult health/medical-surgical nursing	3			
NRSG 810	Advanced Community Health Nursing		3		
NRSG 811	Advanced Theories in Community Health	3			
NRSG 812	Advanced primary health care nursing		3		
NRSG 814	Advanced Maternal & Child Health		3		
NRSG 815	Advanced theories of MCH Nursing	3			
NRSG 816	Management of a sick child		3		
NRSG 818	Advanced mental/psychiatric health		3		
NRSG 819	Advanced theories of mental /psychiatric nursing	3			
NRSG 820	Advanced community mental health principles		3		
NRSG 826	Organization and Leadership Theories		3		
NRSG 828	Health and Nursing Services Administration		3		
NRSG 845	Leadership and Management in Nursing	3			

Nursing Administration

	SPECIALIZATION COURSES				
NRSG 826	Organization and Leadership Theories		3		
NRSG 828	Health and Nursing Services Administration		3		
NRSG 845	Leadership and Management in Nursing	3			
NRSG 829	Practicum in Nursing Administration			4	
	ELECTIVE COURSES (<i>one in semesters 1 and 2</i>)				
NRSG 804	Management of Acute/Chronically ill patients		3		
NRSG 806	Advanced Patho-Physiology		3		
NRSG 807	Advanced theories in adult health/medical-surgical nursing	3			
NRSG 810	Advanced Community Health Nursing		3		
NRSG 811	Advanced Theories in Community Health	3			
NRSG 812	Advanced primary health care nursing		3		
NRSG 814	Advanced Maternal & Child Health		3		
NRSG 815	Advanced theories of MCH Nursing	3			
NRSG 816	Management of a sick child		3		
NRSG 818	Advanced mental/psychiatric health		3		
NRSG 819	Advanced theories of mental /psychiatric nursing	3			
NRSG 820	Advanced community mental health principles		3		
NRSG 822	Curriculum Development and Instruction		3		
NRSG 823	Principles of Teaching and Learning in Nursing	3			
NRSG 824	Measurement and Evaluation in Nursing Education		3		

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 801: RELIGION, FAITH AND MORALITY

(2 units)

GEDS 812: BIOSTATISTICS

(2 units)

NRSG 800: PERSONAL WHOLENESS FOR NURSES

(3 units)

This course explores spiritual needs within the context of health and illness and the incorporation of spiritual beliefs (informed by the Bible and the counsels of Ellen G. White) into the plan of care. It includes an assessment of how the client's and care-giver's individual spirituality affects health care behaviours and delivery. This course emphasises the recognition of the uniqueness of an individual, the sanctity of life as a gift from God, the resultant effects of sin and the Fall on human beings, especially in the area of ill health, and the divine gift of and call to healing and restoration (using the healing ministry of Jesus Christ as an invaluable model). *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

NRSG 801: THEORETICAL BASIS OF NURSING PRACTICE

(3 units)

This course will explore and analyze theories from nursing and others sciences as a conceptual basis for advancing nursing knowledge and practice. The necessity and utility of concepts and theories in nursing discipline. Application of theories to clinical nursing practice, nursing management, nursing education and nursing research. Theory development, Examines theories and conceptual frameworks of nursing, ethics, leadership, models for providing care, critical analysis of the nursing process; application of nursing process to selected nursing situations. Explores feasibility, conceptual integrity, and congruence with personal values.

NRSG 802: LEGAL AND ETHICAL ASPECTS OF NURSING (2 units)

This course discusses and analyses major ethical, bioethical and legal issues underlying healthcare practices. It introduces the student to major ethical and legal principles in nursing practice. It further analyses nursing moral and ethical issues the students will come across in medical practice and the legal and bioethical challenges they will come across every day in nursing practice. Students will analyse selected case studies in nursing practice and the ethics and legal practical solutions they could make within the surrounding circumstances of each case. It thus makes students have an understanding of the legal and ethical process of decision-making within their work environments that will advance nursing practice.

NRSG 803: CONTEMPORARY ISSUES IN NURSING (2 units)

This course requires in-depth analysis and exploration of current issues, trends, ideas and innovations in nursing at the local, regional and international levels. It will also include legal issues in clinical nursing practice, education and research. Other areas that will be addressed in the course are ethical, economic and political issues affecting the nursing profession. Students will develop critical thinking skills, generate discussion and make presentations on salient issues in nursing.

NRSG 804: MANAGEMENT OF ACUTE/CRITICALLY ILL PATIENTS (3 Units)

This course focuses on assessment, diagnosis, and collaborative management of adults who are acutely/critically ill or are experiencing exacerbation of a chronic health problem. Clinical focus is on the role of the acute care nurse practitioner working with a multidisciplinary team to facilitate and accelerate the patient's return to optimal health. Principles and practice of effective symptom management approaches within a multidisciplinary healthcare environment; theoretical and practical knowledge required for the assessment and management of patients with specific acute and chronic illness. Analyze current nursing practice with regard to chronic conditions; accountable and responsible for selecting the best evidence-based care; The patients' condition would be studied; definition of the, identification of the causes and problems, clinical process, medical and nursing problems, nursing and medical interventions, principles and rationales of the interventions, prognosis and evaluation of the patients' condition. In-depth study of selected common problems peculiar to medical-surgical patients which requires special nursing intervention such as Palliative care, Oncology care, the aged, critical care. Application of nursing process to nursing care of these selected problems and critical care nursing.

NRSG 805: ADVANCED NURSING RESEARCH (3 units)

The course explores the research process as applied to problems in clinical nursing practice, education and management. Students will be expected to identify researchable problems in their area of specialization for their research projects. Analysis, synthesis, and evaluation of extant research for application in practice, with an emphasis on practice outcomes will be part of this course. Various research strategies such as qualitative research methods; quantitative methods and its types; writing research proposals will be covered.

NRSG 806: ADVANCED PATHO-PHYSIOLOGY (3 units)

This course is an advanced study of human physiology with emphasis on patho-physiology using nursing intervention and evaluation of outcomes. Naturally it builds on strong foundation of anatomy and physiology with emphasis on alteration in cellular structure and function, biochemical processes and the integration of body systems. Concepts related to biological sciences including cell biology, tumor biology, immunology, genetics, and pathology will be taught. Will provide opportunity for students to appreciate life as a gift from God.

NRSG 807: ADVANCED THEORIES IN MEDICAL/SURGICAL NURSING (3 units)

The course builds on previous knowledge of the nursing theories in taking a comprehensive look

at clients. This course focuses on understanding the Advanced Practice Nurse role and practice. Emphasis is placed on theory and science related to chronic illness prevention, risk reduction and management for individuals in the context of families. Enables students to synthesize theoretical and practical concepts from different disciplines to meet the primary health-care needs of elderly adult clients and their families. Students use clinical reasoning to diagnose actual or potential problems amenable to nursing interventions, and design, implement and evaluate evidence-based nursing interventions for specialty populations of adults across the lifespan.

NRSG 809: PRACTICUM IN ADULT HEALTH NURSING (4 units)

The course is primarily designed to assist the student to apply knowledge and skills acquired in the advanced nursing process course to selected clients that require medical and surgical nursing intervention. The students are expected to participate in the care directly, that is, giving care to the clients and supervisory capacity in which others are also guided in the care of the clients. As part of seminal presentation the student will be required to select few problems for in-depth analysis.

NRSG 810: ADVANCED COMMUNITY HEALTH NURSING (3 units)

Exploration of the nursing approach to solving community health problems arising from multiple stressors would be considered. Using the nursing process as the fundamental tool, health needs and issues affecting the community, family and the individual would be examined critically. Community mobilization, collaboration and participation as enabling factors would be discussed.

NRSG 811: ADVANCED THEORIES IN COMMUNITY HEALTH NURSING (3 units)

The course will enable students integrate theories and principles to competently coordinate high quality, safe and efficient promotion, prevention and management of healthcare for individuals, groups and community. Students will use theories and models to facilitate adoption of values and behaviours of individuals, families and communities that will promote health and wellness.

NRSG 812: ADVANCED PRIMARY HEALTH CARE IN NURSING (3units)

The course intends to examine current issues related to organization and delivery of primary health care nursing in the three tiers of health care in this country. It will include health promotion for vulnerable groups as well as development of innovative strategies to motivate and empower individual and groups to participate in health promotion activities at the primary, secondary and tertiary levels of care. Development and implementation of health care policies will be discussed including analysis of ethical issues impacting primary health care nursing delivery.

NRSG 813: PRACTICUM IN COMMUNITY HEALTH NURSING (4 units)

The course is primarily designed to assist the student to apply knowledge and skills acquired in the advanced nursing process course to selected clients that require Community Health nursing intervention. It will focus on clinical experiences that will provide the students with opportunity to plan and provide the nursing interventions for health prevention and common illnesses managements. Students' practicum will be carried out at variety of primary health care settings. As part of seminal presentation the student will be required to select few problems for in-depth analysis.

NRSG 814: ADVANCED MATERNAL AND CHILD HEALTH NURSING (3units)

The course examines health promotion, assessment, diagnosis and management of mothers during prenatal, intrapartum and postnatal periods. Students will undertake in-depth analysis of pathophysiological, cultural and other factors that impact healthy reproductive and child health. In-depth analysis will focus on contemporary challenges in maternal and child health in Nigeria and the role of the nurse in promoting healthy reproductive life. Global standards and international documents will guide discussion on care of reproductive women. Advanced theoretical perspectives will be utilised for managing maternal health needs in pregnancy and

manage pregnancy at risk that are of pre-gestational and gestational in origin. Intrapartum, postpartum assessment and management will be emphasised through case scenarios and nursing process approach. Recent trends in MCH would be addressed.

NRSG 815: ADVANCED THEORIES AND PRACTICE OF MATERNAL CHILD HEALTH NURSING (3 units)

The course will critically discuss family system theories and developmental as applied to the expectant families. Various maternal and child care theories; and pain theories will be discussed as forming basis of MCH practice. Emphasis of the course will be to for students to be able to utilise appropriate theory to attend to family issues impacting reproductive health and childbearing, maternal and child health pre-gestational, during pregnancy and child birth and postpartum. Discussion will also be on evidence-based interventions in maternal and child care.

NRSG 816: MANAGEMENT OF A SICK CHILD (3units)

The course analyses health promotion and disease prevention strategies among under-5 children. Advanced assessment, management and nursing care of normal and sick child. Identification of potential problems of newborn for treatment of possible referral. Issues related to management of neonates with genetic conditions, critically analyze and evaluate care and review professional practice. Integrated management of childhood illnesses. Prevention of childhood diseases and its management.

NRSG 817: PRACTICUM IN MATERNAL & CHILD HEALTH NURSING (4 units)

The course is primarily designed to assist the student to apply knowledge and skills acquired in the advanced nursing process course to clients with special needs in Maternal and Child Health clinical setting. Clinical experiences that will provide the students with opportunity to plan and provide the nursing interventions for maternal and child health. As part of seminal presentation the student will be required to select few problems for in-depth analysis.

NRSG 818: ADVANCED MENTAL HEALTH/PSYCHIATRIC NURSING (3 units)

The course examines health promotion, assessment, diagnosis and management of clients with psychiatric-mental health problems. It will also analyze and synthesized the interaction of the multiple stressors in the etiology and nursing intervention of clients with psychiatricmental issues. The nursing responsibility of the nurse in meeting the diverse needs of the clients within the context of the multidisciplinary health team will be analyzed. Discussion will include application of the nursing process in meeting the nursing needs of the clients with psychiatric-mental health nursing problems in diverse settings.

NRSG 819: ADVANCED THEORIES OF MENTAL HEALTH/PSYCHIATRIC NURSING (3 units)

This course will focus on the application of the general system theory, developmental theory, symbolic interactionism and other relevant theoretical paradigm to characterize and understand multiple stressors responsible for alteration in human development and behavior. Psychodynamics of behavior underlying childhood, adolescents, adulthood and the aged psychiatric nursing practice, analysis of multiple determinants of behavior as a basis for designing and implementing nursing interventions; communication and interviewing techniques in the assessment phases of nursing process .

NRSG 820: ADVANCED COMMUNITY MENTAL HEALTH PRINCIPLES (3units)

Psycho-pathology of the individual in a given units of the community, assessment of mental disorders and sources of support in community mental health, principles and practice of therapeutic community psychiatric nursing; epidemiology and ecological dimensions; preventive psychiatry; alternative psychiatric treatment; modern mental health management and care.

NRSG 821: PRACTICUM IN MENTAL HEALTH NURSING (4units)

The course is primarily designed to assist the student to apply knowledge and skills acquired in the advanced nursing process course to selected clients that require Mental Health/Psychiatric Nursing intervention. As part of seminal presentation, the student will be required to select few problems for in-depth analysis.

NRSG 822: CURRICULUM DEVELOPMENT AND INSTRUCTIONS (3units)

This course will present theories of curriculum development and evaluation. It will also discuss the principles of curriculum development and its application to contemporary nursing curricular in the country, types of curriculum, curriculum innovation and implementation, constraints to the implementation of nursing curriculum in Nigeria. Issues and challenges with evaluation learners and teacher will be presented.

NRSG 823: PRINCIPLES OF TEACHING AND LEARNING (3units)

The course will discuss the learning process, types of knowing, theory and research-based principles of learning; learning environment in nursing; learning theories; effective teaching techniques in the classroom and clinical setting; concepts of domains of learning; development of teaching plans and its implementation; learning styles, contemporary issues and variations in the teaching learning.

NRSG 824: MEASUREMENT AND EVALUATION IN NURSING (3 units)

The course will discuss fundamentals of measurement, assessment and evaluation; tools of evaluation, characteristics of evaluation as applicable to nursing education, research and practice; types of evaluation; evaluation methods in the classroom and clinical settings. It will include development of teacher-made tests, variety of statistical test to guarantee reliability and validity of tests, item analysis, interpretation of scores. Discussion will focus on programme evaluation.

NRSG 825: PRACTICUM IN NURSING EDUCATION (4 units)

Teaching practice will take place at designated schools for a specified period. Student will develop appropriate teaching plan in any nursing area of interest. For the seminar, student will present a detail educational issue/theory that are directly relevant to nursing.

NRSG 826: ORGANIZATION AND LEADERSHIP THEORIES (3units)

Principles, theories and techniques of nursing administration. Organization and administrative theories and their application to health and nursing services. Issues in nursing manpower development and utilization. Types of leadership; Organization of nursing services unit to meet changing needs and demand. Hospital and nursing services organogram.

NRSG 827: PHARMACOLOGY IN ADVANCED NURSING PRACTICE (3 units)

This course assumes a basic knowledge of medications and their use within the context of the tropical environment. It takes note of the emerging double burden of disease and is designed to guide them to be experts on their own right with respect to handling medications. They would be expected to understand drug administration especially in emergencies, understand basic nomenclature of drugs, drug classification, simple calculation of dosages using pharmacokinetic principles, common adverse events and emergency management of patients. In particular emergencies of cardiovascular and pulmonary disorders will be emphasized. At their level they would be expected to understand the basic principles of essential drug list and drug management especially in rural areas. In addition, they should understand the social aspects of medication and the interphase between societal expectations and their own professional delivery. The legal implications of their practice and litigation will be one of the main areas of discussion during the course. The course will adopt the principle of interdisciplinary respect between the different health care systems in the country.

NRSG 828: HEALTH AND NURSING MANAGEMENT**(3 units)**

This course will discuss organizational and administrative theories that are applicable to nursing, leadership theories, type of leaders and creative leaders in nursing services. It will also presents issues such as administrative challenges in nursing, manpower structure and organization of nursing services within the health care services in Nigeria, health and other social policy formulation. Principles and functions of management will be explored as they relate to the behavioural and operational aspects of achieving organizational goals.

NRSG 829: PRACTICUM IN NURSING ADMINISTRATION**(4 units)**

Practicum will take place at designated clinical setting. Using the nursing process, student will identify and solve one nursing management problem/issue. Student will present an indepth analysis of a managerial issues/theory in nursing as a seminar.

NRSG 845: LEADERSHIP AND MANAGEMENT IN NURSING**(3 units)**

The course will discuss personnel development and management in Nursing with particular emphasis on manpower development, empowerment and restructuring in Nigeria. It will also cover issues such as recruitment, retention of staff as well as legal aspect of employment. Topics such as performance appraisal, employer-employee relationship, staff welfare package and other techniques to improve productivity and job satisfaction will be explored. Philosophy and techniques of supervision, theories of human relation, conflict and conflict resolution; professionalism and union-management relation; staff motivation.

NRSG 870: SEMINAR IN CLINICAL NURSING**(3 units)**

Detailed written presentation by students, in-depth study in a selected topic area. Candidate will be required to make at least 2 seminar presentations.

NRSG 890: DISSERTATION**(6 units)**

Student for the M.Sc. (Nursing) degree will submit a dissertation based on original research work carried out during the course of study. This dissertation will be examined in partial fulfilment of the requirements for the degree and in accordance with the University regulations.

MASTER OF PHILOSOPHY (MPHIL) NURSING

LIST OF COURSES FOR THE MPHIL IN NURSING

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES				
GEDS 901	Personal and Family Wholeness	2			
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
GEDS 922	Advanced Biostatistics		2		
	CORE COURSES				
NRSG 901	Theory Development in Nursing	3			
NRSG 904	Health Planning and Healthcare Financing		3		
NRSG 905	Ecology and Health	3			
NRSG 911	Population and Family Health	3			
NRSG 912	Health Systems Research		3		
---	Elective		2 (3)		
NRSG 880	MPhil Seminar			3	
NRSG 890	MPhil Dissertation			(8)	8
	TOTAL = 36 (37) Credits	13	12 (13)	3	8

ELECTIVES: *Each student is required to take one of the borrowed elective courses below:*

IRMA 922	Information and Society	2 Credits
MCPR 952	Public Perception, Propaganda and Disinformation	3 Credits

DOCTOR OF PHILOSOPHY (PhD) NURSING

The PhD in Nursing programme, a terminal degree in nursing is research-focused with emphasis on preparing nurse-scientists and scholars with vast information on scientific content and research methodology with ultimate strive for an original research and defense of a thesis. The PhD (Nursing) programme is designed to foster the development of academically sound nurses who are capable of serving in leadership positions in academics, research and nursing services locally and internationally. The areas of specialization offered are:

1. Adult Health/Medical-Surgical Nursing
2. Community Health/ Public Health Nursing
3. Maternal and Child Health Nursing
4. Mental/Psychiatric Health Nursing

Philosophy

The program is grounded on the integration of faith and learning as espoused by the Seventhday Adventist philosophy of education. It is geared towards preparing nursing scholars that will be God-fearing with integrity as they acquire advanced research skills firmly rooted in the true knowledge of God.

Vision Statement

To take the lead and become a centre of excellence in postgraduate nursing education in Nigeria and around the world and be involved in the preparation of spirit-led, dedicated and committed nurses who will have the capacity and the capability of addressing many needs, challenges and problems affecting the health of individuals, groups and families in the 21st century and beyond.

Mission statement

Providing high quality, research-based nursing education that is based on Christian values in order to prepare nursing scholars of various ethnic and religious backgrounds to become dedicated nurse scientists who will be innovative and committed to the development of unique body of knowledge in nursing.

Program Objectives

The PhD in Nursing program is designed primarily to produce nursing scholars who will be able to:

- generate and conduct research for the purpose of expanding nursing science.
- collaborate with an interdisciplinary team to conduct studies to improve patient care outcomes.
- Utilize investigation skills to generate findings for evidence-based nursing practice.
- Utilize research skills to review extant policy and generate new policies based on research findings.
- demonstrate appropriate skills in utilizing the existing theories, and generating new theories and paradigms.
- evaluate nursing practice through research to enhance professional standards.

Learning Outcomes

At the end of the programme, graduates of the PhD in nursing course will be able to:

1. utilize scientific orientation in advancing knowledge in nursing through research.
2. demonstrate advanced knowledge in theory development, meta-theory analysis and sound research methodology.
3. engage in scholarly research for problem solving.
4. lead and mentor healthcare team through collaborative research.
5. design innovative nursing research studies to improve nursing care practices.

Admission requirements

Candidates for the Doctor of Philosophy (PhD) in Nursing degree must satisfy the general admission regulations governing postgraduate studies at Babcock University. In addition, the following are the specific admission requirement for the PhD Nursing degree programme:

1. Candidates who complete the M.Sc. Nursing Degree Program of Babcock University with a weighted average of not less than 60% or CGPA of 4.00 and above on a scale of 5.0 may be allowed to proceed to the PhD degree.
2. Candidates who hold the Master's degree with research thesis in Nursing of other Universities recognized by the University Senate, whose average grade in the course examination is not less than 60% or a B may be admitted into the PhD program.
3. Candidates who in addition to a Bachelor of Science Degree in Nursing, holds a Master's degree with research thesis in a health science discipline and with a weighted average of not less than 60% or CGPA of 4.00 and above on a scale of 5.0 may be admitted into the PhD program. Such candidates shall be required to take additional prescribed courses in specialized areas of nursing at the Master's level
4. Candidates shall be required to submit a 500-word statement of intent explaining their area of research focus/and interest.
5. Decision of the University regarding admission is final which will be according to NUC standards

Curriculum for the programme

The PhD nursing students would take all the general education required courses as well as all compulsory or core courses. Students are however expected to take elective courses.

Candidates for the PhD Nursing will be required to complete four (4) semesters of coursework in general education and compulsory/core courses in their chosen areas of specialization. A minimum of six (6) semesters will be spent for developing, completing and defending a doctoral thesis leading to the attainment of a PhD Nursing degree.

Candidates for the PhD nursing program shall take a total of 59/60 units which includes 43/44 units for coursework and 16 units for doctoral thesis.

Requirements for graduation

To qualify for the award of the PhD in Nursing, a candidate shall be required to pass all the core courses, courses in his or her area of specialisation and one (1) elective course from other areas, complete and defend an original doctoral research thesis under appropriate supervision as stipulated in the University Regulations

LIST OF COURSES FOR PhD IN NURSING

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
		1st Sem	2nd Sem	1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
GEDS 922	Advanced Biostatistics		2				
	CORE COURSES						
NRSG 900	Biblical Perspectives on ClientCentered Nursing			3			
NRSG 901	Theory Development in Nursing	3					
NRSG 904	Health Planning and Healthcare Financing		3				
NRSG 905	Ecology and Health	3					
NRSG 906	Health Policy Analysis				3		
NRSG 911	Population and Family Health	3					
NRSG 912	Health Systems Research		3				
NRSG 967	Advanced Research Methodology in Nursing			3			
NRSG 970	Doctoral Seminar in Nursing I			4			
NRSG 980	Doctoral Seminar in Nursing II				4		
---	Elective		2 (3)				
NRSG 990	Thesis			4	4	4	4
	TOTAL = 58 (59) Credits	13	12 (13)	14	11	4	4

ELECTIVES: *Each student is required to take one of the borrowed elective courses below:*

IRMA 922	Information and Society	2 Credits
MCPR 952	Public Perception, Propaganda and Disinformation	3 Credits

COURSE DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 901: Personal and Family Wholeness	2 units
GEDS 911: Research Proposal and Writing	2 units
GEDS 912: Advanced Research Design	2 units
GEDS 922: Advanced Biostatistics	2 units

NRSG 880 MPhil Seminar**3 units**

One seminar would be provided to the students at beginning of the research. MPhil Seminar topics are to be selected in consultation with the student's supervisor. The seminar is aimed at exposing students to information gathering and analysis. The seminars would be assessed by all lecturers.

NRSG 890 MPhil Dissertation**8 units**

The MPhil programme culminates in a dissertation, consisting of an original based on the student's interest and supervised by a member of faculty. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies.

NRSG 900: Biblical Perspectives on Client-Centered Nursing**3 units**

This course is designed to explore biblical perspectives on client-centered nursing, bearing in mind that consumers of nursing care services (clients/patients) are bio-psychosocial beings with unique attributes, created in the image of God. Emphasis is on individualized care, focusing on physical, social, mental, psychological and spiritual aspects of life, irrespective of age, race, religious and political affiliation. It also explores biblical narratives of explicable and inexplicable healing, with a view to establishing the necessity and efficacy of divine (faith or miraculous) healing, especially in cases that defy scientific/orthodox approaches. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

NRSG 901: Advanced Theory Development in Nursing**3 units**

This course is designed to help student acquire knowledge and skill in the development of nursing theories. There will be a systematic approach to evaluating the appropriateness of extant theories with the goal of developing a new theory or improving on the existing ones.

NRSG 904: Health Planning and healthcare financing**3 units**

The form of this course is to explore an in-depth strategy of planning, monitoring, implementation and evaluation of nursing care services at national and international levels. It will include data collection, forecast and situational analysis of issues that are directly or tangential related to national and global health.

NRSG 905: Ecology and Health**3 units**

The dynamic interaction between the ecosystem and health will be analyzed. It will also include in-depth study of strategies to promote health in diverse environment.

NRSG 906: Health Policy Formulation/Analysis**3 units**

The course examines strategies and issues in health policy formulation. Technocratic and democratic process in policy formulation will be considered. Critical analysis and evaluation of existing health policy in Nigeria and other selected countries will be included.

NRSG 911: Population and Family Health**3 units**

This course explores demography, population theories and policies, socio-cultural determinants of fertility, models of fertility regulations attitude and behaviour, planning, programming and evaluation of family planning services, communication, information and education in family planning; individual case studies on family health and population programs.

NRSG 912: Health Systems Research**3 units**

This course will emphasize development of research proposal, conduct of research that aims at supporting decision making process at all levels of health systems with relevant information. It covers promotion of health system research as a management tool, designing and conducting

health system research project for promotion of nursing services, dissemination and utilization of research findings and training of trainers for health system research.

NRSG 967: Advanced Research Methodology in Nursing **3 units**

This course will explore a more in-depth study of various research methodologies applicable to nursing practice and education with the view of developing advance studies in system and generation of unique Nursing knowledge.

NRSG 970: Doctoral Seminar in Nursing I **4 units**

The course offers students the opportunity to explore pertinent philosophical views of their different specialties, utilize critical thinking skills, logical reasoning and problem-solving techniques to resolve salient nursing issues in their different areas. Students are expected to present position papers for critique by peers and teachers.

NRSG 980: Doctoral Seminar in Nursing II **4 units**

This course is designed to assist students consolidate and develop their research interests into thesis proposals, grounded on the understanding of research process. This process involves extensive review of current and relevant literature in the various areas of research interests of the students in the field of nursing specialties, with the aim of establishing significant gaps in knowledge to be filled by the study leading to the thesis. Findings will be presented in class and thoroughly critiqued by peers and teachers.

****IRMA 922: Information and Society** **2 units**

Introduction to our world of information, documents and information agencies with historical and social approach. A look at how information is generated and at the role played by libraries and other relevant agencies. Students will be taught that God created societies for His glory and to fulfil His purpose. Therefore, this course will show how orderliness, technological advancement, sharing information and working for the good of man is divinely inclined.

**** MCPR 952: Public Perception, Propaganda and Disinformation** **3 Credits**

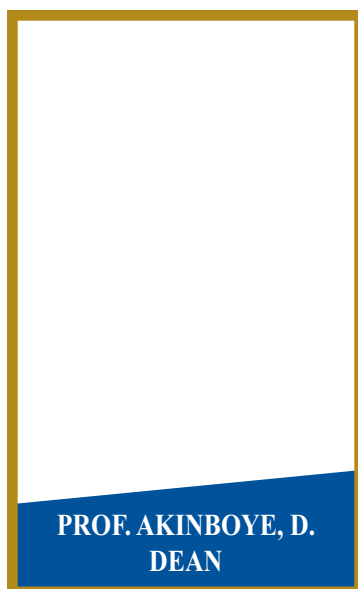
This course examines the nature, history, rules and morality of propaganda by focusing on how it has been employed by nations/states during the 20th and 21st centuries. It looks at the key elements of deception, counter deception, propaganda and disinformation as essential elements used by government and non-state actors to pursue their interests by influencing and manipulating foreign public opinions. It attempts to create connectivity between the opinions of nations and biblical prophecies of end time with the goal of establishing the immutability of God's word. Case studies are drawn from World Wars I & II, the Cold War, event leading to the September 11 attack on the World Trade Centre and the Pentagon: and the present day global war on terrorism.

NRSG 990: Thesis **16 units**

This course will assist students to develop skills in in-depth search into areas of unknown, self-directedness and critical thinking ability to develop, carry out and defend their doctoral thesis before a panel of examiners, including an appointed external examiner. *The Thesis is to be registered for, over a four semester period.*

*** Elective Courses borrowed from other departments.*

SCHOOL OF PUBLIC AND ALLIED HEALTH

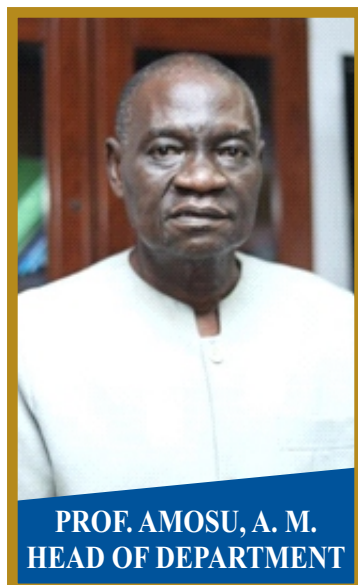


DEPARTMENT OF PUBLIC HEALTH

Degree in View: PGD, MPH, PhD

Area of Specializaon:

- 1.Environmental and Occupaonal Health
- 2.Epidemiology
- 3.Health Promoon
- 4.Health Service Administraon, Management and Policy
- 5.Nutrition
- 6.Populaon and Reproducve Health
- 7.Prevenve Health Care
- 8.Public Health Ministry



POSTGRADUATE DIPLOMA IN PUBLIC HEALTH

With the backdrop of urgent need for middle and top management manpower development in Nigeria, there is the need to provide the huge proportion of health workforce with the opportunity to upgrade the required skills. The Postgraduate Diploma of Public Health program is therefore designed to offer graduates of other levels who are not considered to be equivalent to a Bachelor's degree program, with a strong base to pursue a full Master of Public Health degree in a University.

GOAL

The major goal of the Postgraduate Diploma of Public Health (PGDPH) Diploma program is to train and produce professionals with strong knowledge base and skills in general Public Health practice, to sufficiently enable the diploma graduates to perform more skilfully at their present positions in their work-places, or to enable them gain admission into a Master of Public Health (MPH) degree program for further studies.

OBJECTIVES

At the end of the program of study leading to PGDPH (Postgraduate Diploma of Public Health), the competences that students will demonstrate include:

- i. Demonstrate skills in the core areas of Public Health;
- ii. Conduct community needs assessment;
- iii. Initiate, plan, organize and implement training programs to address identified community health issues;
- iv. Apply Public Health principles (assessment, planning, implementation and evaluation, research and innovation, advocacy, system thinking) to:
 - a. Educate people at-risk on health problems and the promotion of healthful lifestyles
 - b. Influence community action directed toward improved environmental health (water and sanitation)
 - c. Initiate strategies to control common endemic and epidemic communicable diseases
 - d. Facilitate improved maternal and child health, including family planning and immunization
 - e. Arouse healthy and rational use and supply of safe medicinal products and the effective treatment of minor ailments and injuries
 - f. Arouse community consciousness regarding dental health
 - g. Arouse community consciousness regarding mental health, and
 - h. Facilitate community-based social support for geriatric health.
- v. Mobilize appropriate resources to address identified community health needs; vi. Demonstrate skills in the design and conduct of original research in Health Promotion.

GENERAL ADMISSION REQUIREMENTS

1. Candidates with at least a third class division of a Bachelor of Science (Honors) Degree or a Higher National Diploma of a recognized Institution of higher learning such as School of Health Technology or a University, in any of the Basic Sciences, Medical/Health Sciences, Public Health Nursing, Medical Laboratory Science, Environmental Health, Nutrition and Dietetics/Home Economics, Medical/Health Information Records, as the case may be, will be considered for admission into the PGDPH program.
2. In addition to the above requirements, applicants must satisfy the ordinary level ('O' level) credit passes at not more than two sittings, including English Language, Biology, Chemistry, Mathematics, and Physics or one other appropriate science or social science subject.

Admission recommendation shall be made to the Postgraduate School through the Department Postgraduate Committee. Recommendation for Admission will be based on Candidate's performance in the screening exercise (written/oral) to be conducted by the Department.

Applicants are also expected to write and submit, with their application, a two page narrative on how the proposed program will benefit their career aspirations.

COURSE REQUIREMENTS

Each candidate will be required to take prescribed courses, with **a total of 26 units**. The program will run for two semesters and requires students to attend classes for lectures, seminars, and submission of term papers as at when due. At the end of the program, a supervised project conducted by the student is to be submitted and assessed for the award of the Diploma.

COURSE CONTENT FOR PGD IN PUBLIC HEALTH

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem
	GENERAL COURSES		
GEDS 701	Religion and Society	2	
GEDS 712	Biostatistics		2
	CORE COURSES		
PHFC 711	Principles of Epidemiology, Disease Control & Surveillance	2	
PHFC 713	Principles of Health Promotion & Education	2	
PHFC 715	Principles of Environmental and Occupational Health	2	
PHFC 717	Principles of Public Health Microbiology and Parasitology	2	
PHFC 723	Principles of Research Methods	2	
PHFC 722	Principles of Public Health Nutrition		2
PHFC 724	Principles of Family and Human Reproductive Health (MCH)		2
PHFC 726	Principles of Health Behaviour and Change Process		2
PHFC 728	Principles of Health Programme Planning and Evaluation		2
PHFC 730	Principles of the National and International Health Systems & Management.		2
PHFC 790	Research Project*		4
	TOTAL = 28 Credits	12	16

**At the beginning of the programme, students are required to present a title for their research project and start work with their assigned supervisors to enable submission of finished thesis before the end of the programme.*

COURSE DESCRIPTIONS

See pages 35-36 for the description of GEDS courses.

GEDS 701: Religion and Society

2 Credits

GEDS 712: Biostatistics

2 Credits

PHFC 711: Principles of Epidemiology, Disease Control & Surveillance (2 Credits) This introductory epidemiology course is designed to acquaint the student with the basic principles of epidemiology and will focus on definition of terms and concepts, scope, uses, concepts of disease causation, measures of disease frequency, levels of prevention, types and methods of epidemiological investigations. It will explore communicable and noncommunicable diseases; identify morbidity and mortality patterns and trends in Nigeria and other developing/developed countries.

PHFC 713: Principles of Health Promotion & Education

(2 Credits)

This course will teach the students the definitions and principles of Health Promotion, Health Education, and Health Communication. The course will introduce the use of counselling and communication strategies to accomplish health education. The course will review various communication theories and models of mass communication. Theories of adoption of innovation are also considered. Students will be taught various communication and counselling strategies in planning and evaluating communication aspect of health programs.

PHFC 715: Principles of Environmental & Occupational Health

(2 Credits)

The course will reveal the three areas of the environment which are the biological, physical/chemical and the socio-cultural aspects. Emphasis will be laid on the rural & urban environments in relation to housing and health, water sources and supplies, sewage and refuse disposal systems, sanitary control of food, pollution and its effects on man, and environmental degradation. Occupational health will focus on occupational health problems of the various industries and occupations and the various target organs and systems affected by specific hazards. Various legislations concerning safety measures for the workers and the work environments will be reviewed.

PHFC 717: Principles of Public Health Microbiology & Parasitology

(2 Credits)

The course will cover introduction to Microbiology, Parasitology and Entomology in Public Health. It will review the history and development of Microbiology, Parasitology and Entomology as related to public health. General and systematic characteristics, reproduction and identification of microorganisms, parasites and arthropods of medical importance will be covered. The study of pathogenicity of the organisms will also be studied. The students will be introduced to various laboratory techniques, handling of microscopes and laboratory ethics. Laboratory exercises will be used extensively to learn the principles and techniques of identifications.

PHFC 722: Principles of Public Health Nutrition

(2 Credits)

The nutritional status of the community is an important health concern, especially for populations at high risk. Therefore, topics developed to provide students with skills to recognize malnutrition among under-five year children are included such as definition of malnutrition, assessment of nutritional status of under-five and school children, identification of community nutritional problems and dietary patterns in the community, needs, and resources available, planning and administration of programs and services, evaluation of program effectiveness and development of skills in the areas of nutrition education. Study will review the national nutrition goals and National nutrition policy.

PHFC 723: Principles of Research Methods (2 Credits)

A review of the research protocol will be undertaken, highlighting the elements of research designs and principles. Attention will be paid to skills required for developing literature reviews, planning and conducting Public Health research. The application of normal distribution and use of hypothesis and test statistic for statistical decision-making in research will be emphasized.

PHFC 724: Principles of Family & Human Reproductive Health (MCH) (2 Credits)

The course explores the meaning and significance of family health in the context of primary health care. A review of the various social structures of the family provides the student with an understanding of the types of family structures they may likely encounter during practice. Knowledge relating to organization of family health services will be covered. Special areas of emphasis including contemporary issues related to gender preference and violence; genital mutilation, human sexuality; contraception and reproductive health and population dynamics are also featured.

PHFC 726: Principles of Health Behaviour & Change Process (2 Credits)

The course begins with an introduction of special terms in behavioural sciences such as behaviour, attitudes, perception, values, belief and explores how human behaviour may predispose individuals, groups and communities to ill-health. A brief study of physiological basis of behaviour would feature to show the relationship between neuro-physiology and learning process in the dynamics of behaviour. Various strategies by which change in behaviour may be accomplished such as power coercive, empirical rational and normative reeducation; and the theories underlying individual behaviour including various psychological variables which may influence personality and health practices will be explored. Specific health behaviour models are presented to illustrate issues and situations to clarify specific psychological/behavioural actions and change processes.

PHFC 728: Principles of Health Programme Planning & Evaluation (2 Credits)

In designing this course, it is envisaged that students require skills in health program design, training, and implementation of designed programs and evaluation of the effectiveness of such programs. The course will provide students with the understanding of the processes involved in planning and designing health programs or training programs by examining critical issues and logical questions needed to plan, implement and evaluate the effectiveness of such programs. Skills to be acquired include setting goals and objectives, selecting strategies, assessing and mobilizing internal and external resources, implementing and evaluating results.

PHFC 730: Principles of the National and International Health Systems & Management (2 Credits)

The course will review the historical development of health systems in pre-colonial, colonial and post-independence era in Nigeria. The development and growth of Primary Health Care in Nigeria from the context of the National development plan will be examined. What is health system planning? What is management and how is this operationalized in the health system? Review the National Policy on health in Nigeria? PHC and policies governing international collaboration and coordination on issues relating to strengthening health systems in Nigeria will be reviewed. Aspects of health economics and quality assurance in the health care systems will also be reviewed. The importance of personnel training, material resource management and control as well as other means of management by objectives will be reviewed. How is community diagnosis and mobilization for social action achieved in the community?

PHFC 790: Research Project (4 Credits)

At the beginning of the program, each student will be assigned to a supervisor who will mentor

and guide the student in identifying research interests within the areas of the components of Primary Health Care. A research proposal is expected to be developed by the end of the course PHFC 712 that would enable him/her to conduct a full study to be submitted for evaluation by the end of the program.

COURSE CONTENT FOR MASTER OF PUBLIC HEALTH (MPH)

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem	4th Sem
	GENERAL COURSES				
GEDS 801	Religion, Faith and Morality	2			
GEDS 812	Biostatistics		2		
	CORE COURSES				
PHHP 800	Biblical Foundations of Public Health			3	
PHFC 811	History, Principles and Practice of Public Health & Primary Health Care	3			
PHFC 813	Epidemiology, Communicable Disease Surveillance and Public Health Legislations	3			
PHFC 815	Advanced Public Health Nutrition	3			
PHFC 817	Public Health Microbiology, Parasitology & Entomology	3			
PHFC 822	Computer Applications in Biostatistics		3		
PHFC 864	Environmental and Occupational Health System		3		
PHFC 866	Advanced Family and Human Reproductive Health in Public Health		3		
PHFC 828	Advanced Research Methods in Public Health		3		
PHFC 830	Social-Behavioural Foundations of Public Health		3		
PHHP 875	Health Promotion Program Planning, Implementation and Evaluation			3	
PHHP 844	Internship †				4
PHHP 870	Seminar in Public Health: Contemporary issues			3	
-----	Specialization Courses *			9	
PHHP 890	Dissertation				6
	TOTAL = 59 Credits	14	17	18	10

† **INTERNSHIP** or *Community Health Practicum* shall be for a period of 4 weeks during which the student shall be in the field for 42 hours per week. This will be organized to span the holiday at the end of the third semester and early in the fourth semester so that reports would be submitted prior to post-field presentation.

* **SPECIALIZATION COURSES:** *Students in consultation with the course coordinator and or the HOD are to choose three (3) specialization courses (9 credits) in their 3rd semester from the list below.*

LIST OF SPECIALIZATION (EMPHASIS) COURSES *(3 credits each)*

A. Health Promotion

- PHHP 864 Coordinated School Health Services
- PHHP 871 Health Instruction and Capacity Building in Health Promotion and Education
- PHHP 873 Community Group Process and Social Action in Public Health
- PHHP 877 Health Communication Theories Resources in Health Promotion

B. Health Ministry

- PHHM 874 Church Growth and Medical Missionary
- PHHM 881 Theory and Practice of Health Ministry
- PHHM 883 Religion and Global Health
- PHHM 887 Family Health and Crisis Counselling

C. Public Health Nutrition

- PHNT 884 Nutritional Biochemistry
- PHNT 851 Macro and Micro Nutrient in Human Nutrition
- PHNT 853 Nutrition Problems in Different Groups and Socio-Economic Conditions
- PHNT 857 Rapid Assessment Procedure for Nutrition and Primary Health Care

D. Environmental Health

- PHEH 844 The Human Environment
- PHEH 841 Vector Control in Public Health
- PHEH 843 Waste Treatment, Utilization and Disposal
- PHEH 847 Occupational Exposure and the Attendant Health

E. Epidemiology

- PHEP 864 Epidemiological Survey Methodology
- PHEP 871 Epidemiology of Communicable Diseases
- PHEP 873 Epidemiology of Non-Communicable Diseases
- PHEP 877 National Health Information Systems and Vital Statistics

F. Population Health

- PHPR 864 Reproductive and Endocrine Systems
- PHPR 871 Maternal and Child Health and National Population Policies Program Delivery
- PHPR 873 Family Health, Psychosocial and Emotional Problems among Special Groups
- PHPR 877 Mental Health Policies and Psychosocial Issues Affecting Women

G. Health Services Administration, Management and Policy

- PHMP 864 Community Organizations and Structure
- PHMP 871 Health Care Economics and Health Systems Organization and Administration
- PHMP 873 Quality Assurance in Health Care Delivery Policy Implementation
- PHMP 877 Organizational Leadership Roles in Health Care Delivery

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 801: Religion, Faith and Morality

2 credits

GEDS 812: Biostatistics

2 credits

PUBLIC HEALTH SCIENCE FOUNDATION COURSES

PHFC 811 History, Principles and Practice of Public Health & Primary Health Care

3 Credits

This course briefly reviews the issues of health from various periods of recorded history. The main emphasis would be historical development and growth of modern public health with the various approaches and concepts. Further, students would be acquainted with the development of Primary Health Care and the National Health Policy of Nigeria. How public health evolved into the new health order that emphasizes fullest attainment of health for all members of the community and the reduction of the gap existing between the health status of developing and developed countries will be reviewed. Reference will be made to Nigeria's health policy goals.

PHFC 813 Epidemiology, Communicable Disease Surveillance & Public Health Legislations

3 Credits

The course reviews the definitions of health and disease and examines the basic epidemiologic principles and concepts providing the basis for the relationships and interactions between the agent, the host and the environment. It also addresses the course of the natural history of diseases; scope and levels of prevention of communicable and noncommunicable diseases and the mechanisms inherent in disease causation and immunity processes; measures of disease frequencies; disease control and surveillance strategies, types of epidemiologic studies and ethical issues; international and national public health laws; and regulations, development and testing of hypothesis; changing lifestyles and patterns of diseases. Students are to critique published articles on the subject matter.

PHFC 815 Advanced Public Health Nutrition

3 Credits

The course focuses on information needed concerning community nutrition, nutrition through the life cycle. Emphasis is placed on the assessment of the nutrition status of the community and the designing of intervention program for nutrition related diseases.

PHFC 817 Public Health Microbiology, Parasitology & Entomology

3 Credits

This course will expose students to basic principles and origins of microbiology and also provide basic knowledge of immunology and serology. It will include the nature of microorganisms, disease, resistance and laboratory testing. The course will give basic information on Parasitism and intimately interacting population of organism, consisting of their hosts and their importance in public health. This course will include the accounts of essential information on arthropods of medical importance which are of great significance in Public Health.

PHFC 822 Computer Applications in Biostatistics

3 Credits

Statistical problem solving in the laboratory setting with particular reference to the use of computer assisted statistical software such as SPSS and Epi-Info will be studied. Activities such as coding, data entry and definition, frequency distribution analysis and use of special command to transform data into new variables shall be carried out. PHFC 819 is a prerequisite for this course.

PHFC 864 Environmental & Occupational Health System**3 Credits**

This course is a study of environmental factors and how they integrate with agent and host factors in causation, prevention and control of disease in human populations. Major focus will be on water supply, sanitation; industrial and solid waste management, vector control, atmospheric pollution control and tropical housing. Appropriate interventions are also studied.

**PHFC 866 Advanced Family & Human Reproductive Health In
Public Health****3 Credits**

This is a study of selected topics in the area of family health, including women's issues, aging, and migration, problems in parenting, child and spousal abuse and their prevention, and crises at critical stages of the life cycle. Concepts of Planned Parenthood and contraceptive technologies are reviewed together with their social, cultural, political, and ethical implications.

PHFC 828 Advanced Research Methods in Public Health**3 Credits**

Research Methods in Public Health is designed to systematically expose students to the centrality of research thinking. It covers a broad spectrum of research strategies which include historiography, empirical research methodology, qualitative research methods, descriptive surveys, correlational approaches and experimental research strategies. The course content also includes formulating research hypotheses, answering research questions, writing research proposals, analysing data and presenting results. Further, the students will be taught how to write grant-winning research proposals.

PHFC 830 Social-Behavioural Foundations of Public Health**3 Credits**

Behavior is said to be a pertinent issue in health and disease. This course views behavior and any situation that generates behavior as key to understanding health and disease. A brief review of what public health is, scope and understanding behavioral responses to illness and disease, and health behavior typology will be considered. The science of behavior and Psycho-social basis of behavior and theories of individual behavior and behavior change will also be studied.

HEALTH PROMOTION COURSES**PHHP800 Biblical Foundations of Public Health****3 Credits**

This course explores in-depth biblical foundations for and references to the components of primary health care: Nutrition, health education, water and sanitation, control of common diseases and injuries, maternal and child health/family planning, etc. The course discusses how biblical historical divine health principles given to the Jews provided them with guidance in public health practice of disease prevention and control which is practiced today as Primary Health Care. The course examines the contemporary relevance of biblical instructions on matters concerning sanitation, quarantine, food and nutrition, and epidemics. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

PHHP864 Coordinated School Health Services**3 Credits**

A discussion of topical issues and concepts in School Health will feature in relation to school population functions and responsibilities of all stakeholders in the delivery of school health programmes and services to concerned individuals who are ill at school. Recognition of children's health problems, treatment or referral protocol to the appropriate authority and an analysis of interrelationships in the overall school health programme and service delivery will be considered. Emphasis will be placed on health promoting school concept.

**PHHP871 Health Instructions and Capacity Building in Health
Promotion and Education****3 Credits**

This course will equip the student with skills as trainers to design and implement innovative programs in agency settings for personnel development. Different approaches to training will be

reviewed, including needs assessment, curriculum development and training logistics. Evaluation of various government and private training and teaching programmes and their pedagogical elements will be reviewed. Students will have the opportunity to organize actual training programs.

PHHP873 Community Group Process and Social Action in Public Health 3 Credits

The course prepares the graduate student to work more effectively with groups by providing them with skills in leadership for facilitating community actions. All the theories and concepts will be learned to understand group behaviours and the characteristic stages of their development. Knowledge gained in this course will further equip the student with skills necessary to conduct community needs assessment and assist the community in resource linkage to sustain community projects and focus group discussion sessions.

PHHP875 Health Programme Planning, Implementation and Evaluation 3 Credits

The course is intended to prepare students to organize health programmes that meet specific and identified community needs. Skills include setting goals and objectives, selecting appropriate strategies, assessing and evaluating outcomes of interventions and mobilizing internal and external resources.

PHHP877 Health Communication Theories and Resources in Health Promotion

3 Credits

This is a study of communication principles, concepts, and examination of the relevance of these concepts of health education process. It will review communication theories, models of mass communication theories, models of mass communication, including theories of adoption of innovation. Students critically assess various communication strategies in planning and evaluating communication aspects of public health programs. The course considers a variety of simple audio-visual methods of communication, discussing their relevance and appropriateness in health information dissemination within the context of culture and technology. Efforts in practical production of media materials are featured.

PHHP844 Internship

4 Credits

Opportunities in putting Health Promotion research theories into practice through community-based intervention programs at various levels, for example, activities carried out in schools which may involve observations, discussions on health of school children and youths, programmes of school health education and service, organization and conduct of health programmes in selected schools will be considered. Students will be expected to work with other experienced professionals in any setting where they can get hands-on experience in public health [180 hours (Practical)].

HEALTH MINISTRY COURSES

PHHM 874 Church Growth and Medical Missionary

3 Credits

This course reviews various church growth principles and techniques proven to be effective in the evangelistic mission of many Christian churches and equip them with health promotion skills that will enable them to enter in unentered communities using health promotion principles to facilitate acceptance.

PHHM 881 Theory and Practice of Health Ministries

3 Credits

This course will prepare the graduate students with skills to work effectively in the communities as health evangelists. All the theories and concepts of health ministry will be used to conduct community needs assessments to facilitate entry and presentation of the gospel. In conducting community needs assessment as defined in areas of deficiency may be addressed using health promotion concept. The student with leadership skills in pastoral ministries will facilitate resource linkages to meet their health needs.

PHHM 883 Religion and Global Health**3 Credits**

The course focuses on an international perspective of the interconnections between religion and health, with special attention to how faith (theological ideas) of a community plays a role in how people seek treatment and relate to health and disease. Various international organizations involved in relief programs will be highlighted. Special attention is devoted to United Nations Agencies such as WHO, UNICEF, UNDP, UNFPA, UNHCR and particularly the Adventist Development and Relief Agency (ADRA).

PHHM 887 Family Health and Crisis Counselling**3 Credits**

This course deals with common social health problems emerging from the family unit with emphasis on interpersonal crisis intervention and counselling. Selected topics in the area of family health, including women's issues, aging, and migration, problems in parenting, child and spousal abuse and their prevention, and crises at crucial stages of the life cycle will be addressed.

PUBLIC HEALTH NUTRITION COURSES**PHNT 884 Nutritional Biochemistry****3 Credits**

This course focuses on how the energy stored in nutrients such as carbohydrates, fats and proteins is transformed to energy that is required to sustain growth and development. Further, the course provides understanding of the biochemical role of vitamins and minerals in the maintenance of health. The course also provides explanation of the biochemical basis of health and disease in public health.

PHNT 851 Macro and Micro Nutrient in Human Nutrition**3 Credits**

The course deals with the biochemical nature of macro and micronutrients in food in terms of food classification by types and composition of each class of food, such as carbohydrates, proteins and lipids, vitamins, pro-vitamins and minerals, the biosynthetic pathways, metabolism, utilization, storage and degradation, body requirement sources deficiency syndromes and pathophysiological diseases, toxicities and imbalance. It covers their roles in maintaining good health and in infections.

**PHNT 853 Nutrition Problems in Different Groups
and Socio-Economic Conditions****3 Credits**

The course covers the use of anthropometry, chemical, physical, laboratory tests and structured questionnaire administration for the nutritional assessment of the infant and child, nutritional assessment of school children/adolescents, maternal/pregnant and lactating women, nutritional assessment of adults and the elderly. Free online certification course in malnutrition from www.som.soton.ac.uk/learn/test/nutrition is available.

**PHNT 857 Rapid Assessment Procedure for
Nutrition and Primary Health Care****3 Credits**

The course focuses on practical health anthropology methods and programs, selection, training and supervision of field workers, focus group discussions, data collection guidelines in the community, household and from primary health care providers, data analysis, presentation, and reporting and implementation plan.

ENVIRONMENTAL AND OCCUPATIONAL HEALTH COURSES**PHEH 844: The Human Environment****3 Credits**

The focus of the course is designed around environmental factors, which directly or indirectly affect man and the consequences on human health. These include: personal life stresses, socio-economic stresses, population pressures, geographical and social mobility, urbanization and rural migrations, housing and health, town and housing policies, planning and standards, mortality and other health, socio-economic indicators and environmental inspection modalities.

PHEH 841: Vector Control in Public Health**3 Credits**

This course presents methods currently in use to control the common arthropods of medical/health importance, the epidemiology of the arthropods, the biological entities of the arthropods, examination diagnosis of health problems, control and preventive measures, disinfection by chemical, physical agent, fumigation and types of disinfectants, use and types of insecticides, identification of mosquitoes of medical importance, survey methods larviciding, spraying methods for insect, flies, bed bugs, lice and cockroach control, rat rodent control survey methods and rat proofing, port regulations and community participation in vector control, epidemiological methods used to investigate and control vector-borne diseases of environmental significance, particularly indices of disease vectors and environmental inspection of public establishments and surroundings.

PHEH 843: Waste Treatment, Utilization and Disposal**3 Credits**

This course focuses on sources of waste (e.g. residential, industrial, commercial, institutional, construction and demolition, municipal services, process and agriculture), typical waste generators, types of waste, and how much waste is being generated, the methods of recycling and re-use, disposal, monitoring and its effects on health.

PHEH 847: Occupational Exposures and Attendant Health Risks**3 Credits**

The course focuses on specific occupations and the attendant health risks. These occupations include agriculture/farm workers, hospital health workers, laboratory workers, workers in the petrol-chemical industries, quarrying/granite marble stone workers, iron/welding industries, cement industry, construction industry, and telecommunication industry. Diseases/health problems are matched against each of the occupations, monitoring and evaluation of the environment constitutes an integral part of the course. Students have the opportunity of understanding various occupational establishments to assess safety measures in place.

EPIDEMIOLOGY COURSES**HEP 864: Epidemiological Survey Methodology****3 Credits**

The course focuses on types and stages/timings of investigations; formulation of the objectives of the investigation; identification/location of the study population; logistics and support; sampling method, identification of the various variables and operational definitions of the health problem; design of forms/questionnaires and specifying the scales of measurement; pre-testing and administering the forms/questionnaires; coding, data processing and analysis; presentation of results writing the report and communicating the health information. Students take active part in the various forms of health surveys conducted by the Department. Attention is drawn on emergency response, preparedness and to the nature, place and time of the outbreak; the characteristics of the population affected; the extent/magnitude of the problem; the prevailing environmental conditions in the geographical location; information on logistics, which include: material and personnel needs (both immediate and long term); mobilization and assemblage of the epidemiologic team; procurement of equipment; transportation facilities; identification of location/s and controlling of the crowd; arranging for transfer of cases; prevention and control measures in site; treatment region (where needed); environmental assessment; conducting interview, case finding and collection of specimen for laboratory tests.

PHEP 871: Epidemiology of Communicable Diseases**3****Credits**

The course emphasises the importance of control measures of the common communicable diseases in Nigeria, Africa and worldwide. Models and exercise dealing with communicable disease are used to clarify and illustrate points. Attention is focused on the following major childhood diseases; diseases transmitted by vector; water/food communicable diseases and on

ecologically restricted diseases: malaria, typhoid, measles; tetanus, rabies; poliomyelitis, diarrheal diseases, cholera, tuberculosis/leprosy, acute upper respiratory infections, influenza, sexually transmitted infections including HIV/AIDS, cerebra-spiral-meningitis, yellow fever, schistosomiasis, onchocerciasis, streptococcal infections and food poisoning, exposures to field surveys, laboratory activities and monitoring of the existing surveillance systems are mandatory integral components of the course.

PHEP873: Epidemiology of Non-Communicable Diseases

3

Credits

The emphasis of this course is on the newly emerging diseases of affluence and sedentary life styles of the modern society. These include hypertension/stroke, diabetes/obesity, coronary heart diseases, cancer of various sites, psycho-social health problems, smoking and drug use/abuse, accidents and homicides, sickle-cell disorders and Glucose- 6 - Phosphate – Dehydrogenase (G6PD) deficiency. They are considered as important endemic genetic disorders.

PHEP877: National Health Information Systems and Vital Statistics

3 Credits

The course emphasises the national health information systems existing at the three levels of health care systems, vis-à-vis, and the tertiary, secondary and primary health care. The organizational/administrative structure at each level and those of the parastatals directly or indirectly involved in health activities; structure and organizational of the Health/Hospitals Management Boards; Components of Primary Health Care Monitoring and Evaluation system; types/categories of health information system/records; methods of processing, management/storage, information flow and feedback mechanisms will be addressed. Vital and health statistics in relationships to sources, methods of measuring and comparing the health, size, structure and growth of populations; health and socio-economic conditions; nomenclature and classification of diseases; and numerical description and evaluation of health services, comparative International health information systems will be studied.

POPULATION/FAMILY AND REPRODUCTIVE HEALTH COURSES

PHPR 864: Reproductive and Endocrine Systems

3 Credits

This course describes the anatomy and physiology of the male and female reproductive system component parts, the menstrual cycle and hormones of reproduction, events of the menstrual cycle, comparative ovarian Cycles, relationships between menstruation and ovulation, pregnancy and developmental stages of the fetus, problems associated with pregnancy intervention strategies fertility control methods, hereditary factors and their outcomes. It also focuses on development stages of the child from childhood through adolescence, the environments of the child, the child and the mother, the child and other family members, the physical environment of the home and the surroundings, the school environment, food and infection, poverty and deprivation, physical, psychosocial and psychomotor development of the child, familiar disease patterns, the child's behaviour patterns and consequences, specific social welfare/health programs targeted at children and adolescents, monitoring and evaluation strategies of programs.

PHPR 871: Maternal and Child Health and National Population Policies Program Delivery

3 Credits

This course focuses on the historical perspective of the development of MCH services, mothers and children in their environments, reasons for MCH services, the health problems to be solved in the population, in the children and women (antenatal, labour and post natal), expanding scope of MCH services, MCH and the newly emerging communicable diseases, focus and organization of MCH services at different levels of the national health care systems, and their interrelationships, specific MCH problems and specific intervention programs, the safe-motherhood program; personnel, training and research in the MCH specialty, International organizations and NGOs with special interest in the problems of the mother and child, exploration of innovative

alternatives to current patterns of health care, MCH program planning, monitoring and evaluation. It also covers the bases and principles for a National Policy Declaration on population for Development, the population situation in Nigeria, the consequences and implications of the population situation, National population policy goals and objectives, strategies for the implementation of the population policy, Role and Status of Women in Development, Institutional and Organizational Structure, monitoring and evaluation strategies, Leadership, special programs and projects on the National population policy, Comparative International health policies.

PHPR 873: Family Health, Psychosocial and Emotional Problems among Special Groups

3 Credits

The course deals with community social organizations and patterns of life in the family, family and household characteristics, aspects of population dynamics and social pressure, the family in health and disease with special considerations of health and socio-economics and indices, family health care delivery services, social change due to demographic trends and crisis and health/disease outcomes, chronic familiar health/disease conditions in the family, special problems of the adolescent, the handicapped, the bereaved widow and widower, Women's Health (Vasco-Virginal - Fistulae), child abandonment and child labour, the prison inmates, the remand homes, the aged, the refugees, emergencies/disasters. It also looks at the appropriate human relationships-building skills in the areas of communication, observation and surveillance, planning, management and administration, social and personal intervention, group dynamics, language and cultural identification, temper control/anger management, listening and attentiveness, cooperativeness and patience, focusing, commitment and painstaking, innovation and hardworking.

PHPR 877: Mental Health Policies and Psychosocial Issues Affecting Women

3 Credits

The course deals with definitions, historical past and present status of mental health, program objectives and strategies, management of program strategies at the various levels of government, integration of mental health into primary health care, mental health manpower development and training, mental health care needs of special groups, mental health legislation, national mental research and development, mental health information system, mental health program monitoring and evaluation, primary mental health care financing, International collaboration in mental health care activities, mental health action plan and target activities, international comparative mental health policies, programs and strategies. It also focuses on gender and psychosocial issues of women with particular emphases on women and poverty, women education and training, women and health, violence against women, women in armed conflict situations, women and the economy and decision-making, women and the environment, the girl child and education, trafficking domestic responsibilities and abuses and drugs.

HEALTH SERVICES ADMINISTRATION, MANAGEMENT AND POLICY COURSES

PHMP 864: Community Organization and Structure

3 Credits

The focus of this course is on the structure, types of social Institutions, development patterns and issues affecting family health particularly the vulnerable groups. Emphases will be based on the history, problems of social, economic and cultural origin as they apply to sound community organization in the public health field and among divergent communities and groups. Scientific topical areas highlighted include community organizations and development; socio-political and religion organizations, receptivity to change; traditional authority and social action; urbanization, the extended family and kinship; urbanization and the position of women; congestion, overcrowding and sanitation; acculturation and contemporary social changes, neighbours and neighbourhoods community mobilization and participation.

PHMP871: Health Care Economics and Health Systems Organization and**Administration****3 Credits**

The course deals the philosophy of economic & health development; the main features of the Nigerian/Africa's economy and its place in world economy; vis-à-vis, macro and micro economics of health; health programs and economic planning, the socio-economic indicators and their essential data sources; socio-public health indicators and data sources; public health econometrics and research; problems of economic evaluation with particular emphases on cost/benefit analysis (cost of disease, benefits to be anticipated from health policies); problems of constraints (fiscal/sectoral planning, budgetary allocations, political instability priorities, market forces corruption and some common misunderstandings about economics and health). The various forms of health systems, classification, organization and administration of the orthodox and traditional health systems, the historical evolution of the two forms, i.e. pre-colonial, colonial, pre-independence, independence; classification by tiers of government, types of services rendered/offered; locations and other parameters; categories of health providers, training modalities and provisions for acquisition of skills; categories of administrative and technical supporting staff; administrative and managerial types and organograms will be addressed. The inter-phase amongst the various systems in the national health care system; organization, that is, deployment of resources by sector of activity; the referral system within each level of health care delivery; the increasing interest in and acceptance of the alternative health care system and its integration with the national health care systems; the increasing importance of quality assurance and health systems research and development will be addressed. Students have the opportunity of conducting focus group discussions.

PHMP873: Quality Assurance in Health Care Delivery**Policy Implementation****3 Credits**

The course focuses on the aspects of assurance and analysis of the health care services at the three levels of the national health system; the course begins with definition of terms; types of health institution and types of health care provided; categories of health providers and training modalities in terms of skills to provide the service; resources available to the institution to the population it serves; the environmental condition in and around the institution; health problems of the people in the geographical area where the institution is located; working hours, enumerations and other incentives due to the workers; availability of water, cross-ventilation and open spaces in and around the institution; provision for refuse/waste disposal and adequate drainage system; protection for the workers in case of imminent hazards; adequate management proforma and checklist; the referral system and adequate monitoring, supervision and evaluation systems. It also looks at overall health policy particularly those of the African Region South of Sahara-with special emphasis on Nigeria as a typical example. Specific topics include: development of health system in relation to the country historical background information; health policy and strategy; the health systems; managerial processes; community involvement/participation at different levels; Intersectoral collaboration; International cooperation/collaboration health status indices; assessment of progress/achievement in terms of relevance, adequacy, and progress; selected information on socio-economic and health indices; health resources; PHC services; and on the 10 leading causes of death. The inter-phases of the tertiary, secondary and primary levels of health care and the referral system will also be considered.

PHMP877: Organizational Leadership Roles in Health Care Delivery**3 Credits**

This course focuses on three major issues in management. These are: Fundamental concepts of the evolution of management theory; scientific investigation in management; and authority, power and influence. The management process include encompassing; organizational design; decision making; goals & objectives setting in management; planning and control; division of labour; delegation; line and staff relationships; span of control and size of the work group; multiple authority and role conflict. Organizational behaviour in the areas of motivation to work; leadership; management development; organizational growth; and management and the future

will be addressed. Students are to participate actively in class and project assignments targeted at different Agencies/Ministries of Health and other Educational Institutions.

PHHP870 Seminar in Public Health: Contemporary Issues

3 Credits

This aspect of the program will be compulsory for all Masters' students in Health Promotion. It deals with broad, vital issues of health promotion and education. Critical analysis of recent research studies related to contemporary issues/problems in Public Health involved in conducting and publishing research are to be discussed. The approach will be a systematic review of published papers on a specific contemporary public health issue of the student's choice and the presentation will take the form of critiquing a paper. The student will be guided through as they acquire this skill.

PHHP890 Dissertation

6 Credits

A dissertation demonstrating a grasp of Health Education subjects and principles; ability to research, in-depth, particular health education problems and recommending practical solutions will be conducted.

MASTER OF PHILOSOPHY (MPhil) IN PUBLIC HEALTH

The MPhil programme is for students who do not meet the requirement for direct admission into the PhD programme. Candidates who score between 3.0 and 3.49 on a 5.0 scale or 50-54% at the MPH programme may be admitted into the MPhil programme. The MPhil programme shall run for two years as follows:

- (a) The MPhil candidate will be expected to complete the first year (two semesters) of PhD coursework.
- (b) In the second year, the MPhil candidate will be required to also complete the MPhil Seminar course as well as the MPhil Dissertation.

The MPhil must be completed with a minimum of 60% score, for the candidate to be eligible for direct admission into the PhD in Public Health programme.

COURSE CONTENT FOR MPhil IN PUBLIC HEALTH

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES				
GEDS 901	Personal and Family Wholeness	2			
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
GEDS 922	Advanced Biostatistics		2		
	CORE COURSES				
PHFC 913	Advanced Epidemiology, Disease Control and Surveillance	3			
PHFC 915	Advanced Public Health Nutrition	3			
PHFC 916	Bio-ethical Issues in Public Health		3		
PHFC 918	Advanced Research Methods in Public Health		3		
PHFC 922	Applied Biostatistics in Public Health		3		
PHFC 926	Advanced Environmental and Occupational Health		3		
PHFC 938	Advanced Concepts and Issues in Public Health		3		
PH ----	Elective Course *	3			
PHHP 880	MPhil Seminar			3	
PHHP 890	MPhil Dissertation			(8)	8
	TOTAL = 43 Credits	13	19	3	8

* See the PhD Curriculum for the List of Elective Courses.

DOCTOR OF PHILOSOPHY (PhD) IN PUBLIC HEALTH

PREAMBLE

Primary Health Care (PHC) is speedily gaining momentum and acceptance worldwide, as the most cost-effective alternative for addressing prevailing health situations in the community. Health care is diverse and health promotion appears to run through all the components of PHC. Thus, Health Promotion professionals must be adequately prepared to deliver relevant, functional and acceptable interventions related to health advocacy, health communication, health leadership, health care management, etc. Our faculty and students examine and apply health promotion principles to environmental health issues, access to health care services, health policies, social and contextual factors, etc. We acknowledge that efforts to improve health must go beyond the treatment of diseases and must address all conditions affecting the health of populations including human behaviour, socio-economic conditions, and environmental impacts on human health. To achieve reduced burden of disease and improved quality of life, Public Health specialists with the relevant knowledge, skills and vision are highly needed to advance the goals of PHC.

OBJECTIVES

The major goal of the Doctor of Philosophy in Health Promotion and Education track is to train and produce health personnel with sufficient knowledge and skills in Health Promotion and Education practice such that the graduate can critically and adequately:

1. Identify existing and prevailing health problems within the community,

2. Appraise scientifically existing health services in the community,
3. Propose and implement changes required to reduce the burden of disease within the community, through health education, health services improvement and advocacy.
4. Become involved in research process that would link theory with practice of health promotion in the community.

OBJECTIVES

At the end of this programme, the student will be able to:

1. Demonstrate the ability to apply scientific methods and techniques in all components of Primary Health Care
2. Develop skills in working with other health personnel in solving health problems.
3. Promote the application of appropriate knowledge, skills, attitude and technology in Health Promotion
4. Acquire professional skills in planning, implementing and evaluating components of Primary Health Care programme
5. Utilize appropriate resources to address prevailing health problems in the community;
6. Demonstrate skills in designing and conducting original research in Health Promotion;
7. Design action plans for building public and political support for health programs and policies
8. Integrate health literacy concepts in all health communication and marketing initiatives
9. Assess cultural, environmental and social justice influences on the health of communities;
10. Design health needs and resource assessment for communities
11. Evaluate the performance and impact of health programs, policies and systems;
12. Guide organizational decision-making and planning (in health-related issues) based on sound scientific evidence
13. Evaluate organizational performance in relation to strategic and defined (undefined) health goals
14. Demonstrate cultural sensitivity in ethical discourse and analysis; and
15. Develop tools that protect the privacy of individuals and communities involved in health programs, policies and research.

GENERAL ADMISSION REQUIREMENTS (PhD)

1. The entry requirements into the PhD degree in Public Health (Health Promotion and other specializations shall be a Master of Public Health (MPH) degree, or any other relevant degree at not less than CGPA of 4.0 on a 5-point scale and/or 3.0 on a 4-point scale or a minimum average grade of 60%.
2. In addition to the above requirements, applicants must satisfy the ordinary level ('O' level) for the first degree matriculation requirements of Babcock University, that is 'O' level credit passes at not more than two sittings, including English Language, Mathematics, Biology, Chemistry, and Physics or one other appropriate science or social science subject.
3. In addition to the above requirements
 - a. Candidates with at least a Bachelor of Science in Public Health (Honors) Degree with First Class or Second Class Upper Division (or its international equivalent).
 - b. or a Second Class Lower Division of **Babcock University** or
 - c. if the Masters is not from Babcock University, First Class or Second Class Upper Division (or its international equivalent), in a relevant master's degree, with merit and a minimum average grade of 60% in both the taught course units and dissertation (or international equivalent of 60%)
4. **Admission for other degree holders apart from MPH**
 - a. Ditto candidates from any other recognized University, in any of the Basic Sciences, Medical/Health Sciences, Medical Laboratory Science, Environmental Health, Health

Education, Home Economics, Nutrition & Dietetics, Medical/Health Records, Demography & Social Statistics, Medical Ecology/Geography, Health Services Administration and Management, Medical Sociology/Anthropology and other health-related Social Sciences.

5. Admission shall be made to the Postgraduate College on the recommendation of the Department Postgraduate Committee. Recommendation for the Admission will be based on candidate's performance in the screening exercise (written/oral) to be conducted by the Department.
6. Applicants are also expected to write a two-page proposal on their research interest
7. All candidates to be considered for the following **specializations listed here: EPIDEMIOLOGY, PUBLIC HEALTH NUTRITION & ENVIRONMENTAL AND OCCUPATIONAL HEALTH** must possess the following basic sciences in School Certificate Examination result (WASSCE): Biology, Chemistry, Mathematics, and Physics.
 - a. Candidates for **HEALTH MINISTRY** are required to have at least a Bachelor of Art in (B.A Hons) Theology, Religion, PGD Public Health and MPH (Health Ministry). Applicants for Health Ministry must possess at least 5 O' Level or its equivalent in not more than two sittings. A credit pass in English Language, Biology, and Christian Religious knowledge and any other subject. Mathematics is an advantage.
 - b. Applicants for **HEALTH SERVICES ADMINISTRATION, MANAGEMENT & POLICY, and POPULATION & REPRODUCTIVE HEALTH** must possess at least 5 O' Level or its equivalent in not more than two sittings. Credits passed in English Language, Biology, and Economics and Geography and any other subject. Mathematics is an advantage

COURSE REQUIREMENTS

Each candidate will be required to take prescribed courses with **a total of 72 credits**. The candidate should attend lectures, seminars, and practical/demonstrations regularly, and submit term papers as at when due. Project proposals are to be submitted within the stipulated period. All submissions must follow the Post-Graduate College Format.

FIELDWORK/ CLINICAL SETTING/ LABORATORY ATTACHMENT/ INTERNSHIP

After the successful completion of the course work, each candidate will be attached to a Public Health/Community Health Care programme for a period of 6 weeks (within the 3 months summer period) under supervision of approved departmental faculty/on-site staff. At the end of the Field Attachment/Internship, the candidate will be assessed based on written reports from the site supervisor, faculty supervisor and a written report from the student. The Internship/Attachment carries 4 Credit Units.

THESIS

The PhD degree program culminates in a thesis based on original intervention research work leading to a final examination bearing on some aspects of the components of Primary Health Care. The thesis must be written according to the standard prescribed by the Post Graduate College of Babcock University, and in consultation with the student's supervisor(s). The thesis carries sixteen (16) semester credit units.

PERIOD OF STUDY

The minimum period of study for the PhD degree for students on the Regular Semester module shall be SIX (6) semesters of THIRTY-SIX (36) months. A maximum extension by additional 2 semesters shall be granted to the student (upon formal written request), after which the studentship expires.

COURSE WORK/WRITTEN/ORAL EXAMINATIONS

The PhD programme in Public Health shall last for 6 semesters. The minimum CGPA for graduation shall be 4.0. The programme consists of course work, extended fieldwork and a thesis. The credits for graduation shall be 72 credit units distributed as follows: GEDS (8), Core (40), Elective (3), Extended Fieldwork (4), and Thesis (16) Units respectively. The candidate for the PhD degree must appear for oral examination at the end of all course work and fieldwork. The Composition of the Examiners shall include the supervisor(s), at least one External Examiner, one Internal Examiner and the Head of the Department, who shall be the Chief Examiner. The structural overview of the PhD programme in Public Health is presented in the Table that follows.

COURSE CONTENT FOR DOCTOR OF PHILOSOPHY (PhD) PUBLIC HEALTH

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
		1st Sem	2nd Sem	1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
GEDS 922	Advanced Biostatistics		2				
	CORE COURSES						
PHHP 900	Biblical Perspective on Public Health			3			
PHFC 913	Advanced Epidemiology, Disease Control and Surveillance	3					
PHFC 915	Advanced Public Health Nutrition	3					
PHFC 916	Bio-ethical Issues in Public Health		3				
PHFC 918	Advanced Research Methods in Public Health		3				
PHFC 922	Applied Biostatistics in Public Health		3				
PHFC 925	Health System Administration and Management			3			
PHFC 926	Advanced Environmental and Occupational Health		3				
PHFC 938	Advanced Concepts and Issues in Public Health		3				
PHFC 970	Doctoral Seminar in Public Health I			4			
PHFC 980	Doctoral Seminar in Public Health II				4		
PH ----	Elective Course *	3					
PH ----	Specialization Courses †			3	7		
PHHP 990	Thesis			4	4	4	4
	TOTAL = 72 Credits	13	19	17	15	4	4

** **ELECTIVE** Course: To be taken in the 1st Semester of the 1st Year of the PhD programme from the pool of elective courses according to emphasis. All elective courses are offered at 3 credits each.*

*† **SPECIALIZATION COURSES:** One (1) specialization course (3 Credits) to be taken in the 1st Semester of the 2nd Year and Two (2) specialization courses (7 Credits) to be taken in the 2nd Semester of the 2nd Year of the PhD programme.*

ELECTIVE COURSES

Health Promotion Emphasis

PHHP 931 Policy Issues and Advocacy in Public Health

PHHP 939 Drug Use of Public Health Importance

PHHP 935 Advanced Public Health Microbiology, Parasitology, and Entomology

PHHP 937 Advanced Family and Human Reproductive Health

Epidemiology Emphasis

PHEP 931 National Health Information Systems and Vital Statistics

PHEP 943 Emergency and Disaster Management Services

PHEP 945 Epidemiology of Emerging Non-Communicable Diseases

PHEP 947 Epidemiology of Communicable Diseases, Parasitic and Zoonotic Diseases

Public Health Nutrition Emphasis

PHNT 951 Assessment Procedures and Diagnosis of Malnutrition in Primary Health Care Setting

PHNT 953 Maternal and Infant Nutrition

PHNT 955 Health Survey Methodologies in Applied Nutrition

PHNT 957 Emergency and Disaster Management Services

Health Services Administration, Management and Policy Emphasis

PHMP 921 Public Health Project Management

PHMP 961 National Health Information Systems and Vital Statistics

PHMP 963 Comparative International Health Care Delivery Systems

PHMP 965 Health Economics

PHMP 967 Advanced Health Services Management

Environmental Health Emphasis

PHEH 971 Geographical Techniques for Health and Environmental Sampling and Analysis

PHEH 973 Environmental Sampling and Analysis

PHEH 975 Environmental Health Policies and Administration

PHEH 977 Indoor and Outdoor Air Quality

Population and Reproductive Health Emphasis

PHPR 941 Psychosocial Problems of Special Populations

PHPR 953	Population Policies, Programs and Strategies
PHPR 965	Intimate-Partner violence
PHPR 977	Health and Wellness of the Disadvantaged Population

Preventive Health Care Emphasis

PHPC 917	Pharmacology
PHPC 983	Exercise Physiology and Cardio-Respiratory Fitness
PHPC 985	Therapeutic Nutrition
PHPC 987	Preventive Aspect of Lifestyle Diseases

Health Ministry Emphasis

PHHM 951	Advanced Family Health and Crisis Counselling
PHHP 939	Drug Use of Public Health Importance
PHHM 955	Biblical Perspective on Health, Healing and Wellness
PHHM 957	Theories of Public Health Understanding of Unhealthy Practices

SPECIALIZATION (EMPHASIS) COURSES

† One (1) specialization course (3 Credits) to be taken in the 1st Semester of the 2nd Year and Two (2) specialization courses (7 Credits) to be taken in the 2nd Semester of the 2nd Year of the PhD programme.

Health Promotion Emphasis

PHHP 933	Behavioural Concepts Applicable to Public Health	3 Credits
PHHP 942	Supervised Field work Practice/Community Care Practicum	4 Credits
PHHP 932	Ecology of Human Health & Mechanisms of Health & Disease	3 Credits

Epidemiology Emphasis

PHEP 933	Public Health Laboratory in Disease Control and Surveillance	3 Credits
PHEP 942	Field Investigation of Epidemic and Organization of Control Measures	4 Credits
PHEP 932	Epidemiological Concepts of Health and Disease Causation	3 Credits

Public Health Nutrition Emphasis

PHNT 933	Micro and Macro Nutrients in Human Diet	3 Credits
PHNT 942	Field Investigations of Household & Community Food Security/ Nutrition Surveillance	4 Credits
PHNT 932	Nutrition in Health and Disease	3 Credits

Health Services Administration, Management and Policy Emphasis

PHMP 933	Health Policy Formulation and Implementation Strategies	3 Credits
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PHMP 942	Supervised Field work/practicum in Community care	PHMP 932	4 Credits
	Methods and Strategies for Quality Assurance in Health Care		
	Delivery Systems		3 Credits

Environmental Health Emphasis

PHEH 933	Water Resources Management & Hydrology		3 Credits
PHEH 942	Supervised Field Work Practicum/ Environmental Risk Assessment & Industrial Hygiene		4 Credits
PHEH 932	Domestic and Industrial Waste Management		3 Credits

Population and Reproductive Health Emphasis

PHPR 933	Endocrine & Reproductive Systems, Child Health & Development	3 Credits
PHPR 942	Supervised Fieldwork Practice/ Organization of Reproductive Health Services Practicum	4 Credits
PHPR 932	Organization and Delivery of Maternal and Child Health	3 Credits

Preventive Health Care Emphasis

PHPC 933	Advanced Exercise Physiology	3 Credits
PHPC 942	Supervised Fieldwork Practice/weight Management and Eating Disorder Intervention	4 Credits
PHPC 932	Human Pathology	3 Credits

Health Ministry Emphasis

PHHM 933	Advanced Theory and Practice of Health Ministry	3 Credits
PHHM 942	Supervised Fieldwork Practice/Medical Missionary	4 Credits
PHHM 932	Advanced Religion and Global Health	3 Credits

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 901 Personal and Family Wholeness **2 Credits**

GEDS 911 Research Proposal and Writing **2 Credits**

GEDS 912 Advanced Research Design **2 Credits**

GEDS 922 Advanced Biostatistics **2 Credits**

PHHP880: MPhil Seminar **3 Credits**

This course is designed to teach students how to engage in critical research writing, especially bothering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. It also exposes students to procedures of writing internationally acceptable articles on methodology and design as well as preparing students toward meaningful engagement in the process of writing the dissertation. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

PHHP890: MPhil Dissertation **8 Credits**

Independent study of a topic approved by the department under the supervision of a lecturer in the department will be conducted. The completion of the dissertation will lead to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the project work.

PHFC 911: History, Principles and Practice of Public Health & Primary Health Care **3 Credits**

The course will review the historical development and growth of modern public health, critique the philosophical basis for establishing the various health approaches and concepts adopted over the distinct periods of the National development plans. Further, students will have the opportunity to examine the strengths and weaknesses of Primary Health Care practice in Nigeria. The National Health Policy document of Nigeria will be examined to identify how policy can be better translated to model for effective implementation of health care in Nigeria. Reference will be made to Nigeria's health policy goals. Students are expected to present a term paper of critical appraisal of an aspect of PHC in Nigeria at the end of the course.

PHFC 913: Advanced Epidemiology, Disease Control & Surveillance **3 Credits**

The study of epidemiology at this level will equip the student with a good understanding of the implications of host, agent and environment characteristics involved with the natural history of disease. Study will cover descriptive epidemiology, measures of morbidity and mortality used in epidemiology, data issues in epidemiology including reportable disease statistics, study designs in epidemiology. During the course, studies of the epidemiology of significant communicable and non-communicable illnesses in the community will be highlighted. The important role and contributions of international public health laws/legislations from antiquity to contemporary times will be examined. Each student will be required to prepare a critical appraisal of the epidemiology of a specific disease and the current methods of control/surveillance in Nigeria.

PHFC 915: Advanced Public Health Nutrition **3 Credits**

Diseases related to nutrition are becoming causes for concern in the community and hence

students at this level should be well acquainted with the underlying nutritional conditions involved. Studies will include identifying links between nutrition and health, changing focus of nutrition and health and defining what constitutes a “healthy diet”. The course will feature diagnosis of diet-related health conditions and enable students to understand individual nutritional predispositions. The course will provide opportunity for students to understand the role of carbohydrates, lipids, proteins, vitamins, minerals and water as important nutritional factors in growth and development through the life cycle. Emphasis will be placed on the assessment of the nutrition status of the community and the designing of intervention program to address nutrition-related diseases.

PHFC 916: Bio-ethical issues in Public Health

3 Credits

This course focuses on the importance of personal and professional responsibility in public health research and practice, including conceptual general ethical issues public health researchers, administrators, and educators face. It also emphasizes historical reading in bioethics and basic Christian principles that should guide public health research and practice.

PHFC 918: Advanced Research Methods in Public Health

3 Credits

This advanced course in research methods in public health will cover how to develop research ideas, design and conduct empirical studies to solve health problems. Skills in developing research objectives; hypothesis and literature reviews through critical appraisal will be learned during the course of the study. Qualitative and quantitative research methods, descriptive surveys, correlational approaches and experimental research strategies will also feature. The course content also includes formulating research hypothesis, answering research questions, writing research proposals, analyzing data and presenting results. Strategies for developing instrument for conducting research will be taught. Students will be expected to carry out critical appraisals of research peer-reviewed publications in identified field of public health.

PHFC 922: Applied Biostatistics in Public Health

3 Credits

This will be the second biostatistics course for the doctoral programme and will focus on critical appraisal and interpretation of research data from peer reviewed articles and student generated data set. Statistical tools such as t-test, ANOVA, MANOVA and regression analysis will be used in statistical decision making and research interpretations. This course provides the basis for quantitative analysis of situations in the community. PHFC 915 will be Pre requisite for this course. Pre-requisite is PHFC 821. The use of computer-assisted data analysis will feature with particular reference to the use of computer assisted statistical software such as SPSS and Epi-Info.

PHFC 925: Health Systems Administration and Management

3 Credits

The course focuses on global health policy issues particularly those of the African Region South of Sahara-with special emphasis on Nigeria as a typical example. Specific topics include: development of health system in relation to the country's historical background information; health policy and strategy; the health systems; managerial processes; community involvement/participation at different levels; Intersectoral collaboration; International cooperation/collaboration health status indices; assessment of progress/achievement in terms of relevance, adequacy, and progress; selected information on socio-economic and health indices; health resources; PHC services; and on the 10 leading causes of death. The interphase of tertiary, secondary and primary levels of health care and referral system will be discussed.

PHFC 926 Advanced Environmental and Occupational Health

3 Credits

The course defines basic, important health terms in environmental and occupational health. The Physical, Biological and Socio-cultural/Psychological components of the environment are discussed in relation to Public Health. National Policies in the Environment, Environmental Sanitation and Health are briefly discussed. Water supply and Health,

Sanitation (waste waters), Food Safety and Hygiene, Housing and Health, Solid Wastes (including Healthcare Wastes), Vector Control, Radiation Health are covered in details. The terms Occupation, Safety, Hazard, Exposure, Risk, Accident, Injury, Disability and Occupational Disease are defined. History of Occupational Health, selected industrial accidents and disasters worldwide, major categories of industries in Nigeria, Occupational Principles in evaluating the occupational environment are discussed. Control of safety hazards at work, general (dilution), ventilation, occupational health services, factories and workmen's Compensation Act are discussed.

PHHP900: Biblical Perspective on Public Health

3 Credits

This course explores the biblical principles underpinning the practice of Public Health from recorded history to contemporary time. In doing this, the course examines biblical injunctions about the origin of life, how life is related to health, what the body requires to maintain good health, how diseases are linked with disobedience to divine principles or righteousness. It explores the explicable and inexplicable healing accounts in the Bible (OT and NT), especially in light of faith healing. Ultimately, it seeks to affirm the timeless value of the divine injunctions and principles on the maintenance of good health, the control of diseases as well as recuperation from ill-health that are expressly stated in the Bible for the benefit of humanity. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

PHHP928: Advanced Concepts and Issues in Public Health

3 credits

This course will advance what has been learnt at the Masters level. It will consider in much detail a study of the theoretical basis for the discipline of health promotion and Health education, the skills and functions of the health educator, the laws of learning and behavior change, communicating health messages and programme planning. The course will review specific issues in public health that require health education intervention such as obesity and nutrition-related health problems, cardiovascular disease morbidity, smoking, and environmental sanitation practice by considering their implications for theory, policy and practice in health education. Concepts and theoretical issues in health education will be used to develop health programme planning for community-based health care. For programmed planning, the PRECEDE-PROCEED Planning model will be applied. Students will develop skills of critiquing selected peer-review articles.

PHHP 932: Ecology of Human Health & Mechanisms of Health and Disease

3 Credits

The ecology of human health and disease is broad-based on the integrity of the physical/chemical and social functioning of the different parts of the human organism and the ecosystems. The major ecosystems and the human social systems and other organic/inorganic systems are compared and contrasted in order to appreciate their orderliness, consistency, and their interactions with one another for optimal health. The inter-relatedness of diseases/health problems to ecological factors are considered in order to provide an understanding of the mechanisms involved in disease processes. The issue of quality of life across the health/illness continuum is emphasized in order to provide the basis for developing intervention strategies towards preventing these ecological/environmental induced diseases/health problems.

PHHP933: Behavioural Concepts Applicable to Public Health

3 Credits

This course at this advanced level will consider health behaviour and health education and their implications for theory, research and practice. The course will examine various theories and models that may provide understanding of the dynamics of human behaviour in health and disease. Key models will be reviewed such as health belief model, social cognitive theory, Theory of planned behaviour, stages of change and social influence and interpersonal communication in health behaviour. This course will also provide opportunity for students to examine the role of human behaviour at the individual, group, community and organizational levels in the ecology of

health and disease. Health Program Planning Model (PRECEDE, PROCEED and Logic MODEL) will guide, design implementation and evaluation of health programs. Further, the students will use theory in developing research issues and practice.

**PHHP942: Supervised Field work Practice/Community
Care Practicum in specialty areas**

4 Credits

Opportunities in putting Health Promotion research theories into practice through community-based intervention programs at various levels in student's area of specialization will be considered. Students will be expected to work with other experienced professionals in health institutions and supervised by staff of the department. This experience is for not less than 10 weeks or **144 hours**.

PHHP931: Policy Issues and Advocacy in Public Health

3 Credits

The course is intended to equip doctoral students with knowledge of policy process that provides the consciousness-raising, concern-arousing, action-stimulating impetus for public involvement and commitment to social reforms of policy-makers that is essential to establishing equity and eliminate health disparity through strategic advocacy process. Further, students will be acquainted with how to conduct policy analysis and development of policy brief on specific health and social issues.

PHHP939: Drug Use of Public Health Importance

3 Credits

A number of disease conditions are attributable to pharmaceuticals and chemical substances which are not properly used. In dealing with these public health issues, the professional need to be well acquainted with the basic principles of pharmacology which should provide the Public health professional with a good understanding of the characteristics and dynamics of drug actions within the body. This course will bring the knowledge of pharmacokinetics and pharmacodynamics into focus as important mechanism of drug actions and therapeutic and adverse effects are studied in sufficient details to enable the professional deal with situations involved with drug compliance, substance abuse, drug interaction and toxicology so emerging public health problems such as improper use of therapeutic substance can be well managed. Other issues related to pharmaceuticals and photochemical will be discussed such as evidence-based pharmaco-therapeutics.

**PHHP935: Advanced Public Health Microbiology,
Parasitology and Entomology**

3 Credits

This course will expose students to basic principles and origins of microbiology and also provide basic knowledge of immunology and serology. It will include the nature of microorganisms, in health and disease, microbial resistance and laboratory testing. The course will give basic information on Parasitism and intimately interacting population of organism, consisting of their hosts and their importance in public health. This course will include the accounts of essential information on arthropods of Medical importance which are of great significance in Public Health.

PHHP937: Advanced Family and Reproductive Health

3 credits

This is a study of selected topics in the area of family health, including women's issues, aging, and migration, problems in parenting, child and spousal abuse and their prevention, and crises at critical stages of the life cycle. Concepts of Planned Parenthood and contraceptive technologies are reviewed together with their social, cultural, political, and ethical implications.

EPIDEMIOLOGY SPECIALIZATION

ELECTIVE COURSES

PHEP931: National Health Information Systems and Vital Statistics 3 Credits

The emphasis is on the national health information systems existing at the three levels of health care systems, vis-à-vis, tertiary, secondary and primary health care. The organizational/administrative structure at each level and those of the Parastatals directly or indirectly involved in health activities; structure and organizational of the Health/Hospitals Management Boards; Components of Primary Health Care, Monitoring and Evaluation system; Types/Categories of health information systems/records; Methods of processing, management/storage, information flow and feedback mechanisms will be addressed. Vital and health statistics in relationships to sources, Methods of measuring and comparing the health, size, structure and growth of populations; Health and socio-economic conditions; Nomenclature and classification of diseases; numerical description and evaluation of health services, and Comparative International health information systems will also be discussed.

PHEP943: Emergency and Disaster Management Services 3 Credits

Emergency and disaster management services will involve defining these terms clearly and identifying factors associated with emergency and disaster and the scope of their impact in the lives of the population/community. The course will explore the mechanism of displacement, scope of the impact on the physical, psychological, social and clinical/health of affected individuals. Solutions require strategic management or resources involving local, national and international humanitarian agencies.

PHEP945: Epidemiology of Emerging Non-Communicable Diseases 3 Credits

The emphasis is on the newly emerging diseases of affluence and sedentary life styles of the modern society. These include hypertension/stroke, diabetes/obesity, coronary heart diseases, cancer of various sites, psycho-social health problems, smoking and drugs use/abuse, accidents and homicides, Sickle-cell disorders and Glucose- 6 - Phosphate – Dehydrogenase (G6PD) Deficiency. They are considered important endemic genetic disorders. The risk factors for these diseases and at-risk groups will feature. Global and regional prevalence and current trends will be the focus for possible interventions for preventive action.

PHEP937: Epidemiology of Communicable Diseases, Parasitic and Zoonotic Diseases

3 Credits

The course emphasizes the importance of control measures of the common communicable diseases in Nigeria, Africa and worldwide. Models and exercise dealing with communicable disease are used to clarify and illustrate points. Attention will be focused on the following major childhood diseases; diseases transmitted by vector; water/food communicable diseases and on ecologically restricted diseases: malarias, typhoid, measles; tetanus, rabies; poliomyelitis, diarrhea diseases, cholera, tuberculosis/leprosy, acute upper respiratory infections, influenza, sexually transmitted infections including HIV/AIDS, cerebra-spiralmeningitis, yellow fever, schistosomiasis, onchocerciasis, streptococcal infections and food poisoning, exposures to field surveys, laboratory activities and monitoring of the existing surveillance systems are mandatory integral components of the course. A focus on geographical distribution of disease in human/animal environment, man/animal factors in the environment; the common particularly parasitic and zoonotic diseases affecting man's health- physically, socially and economically; process in development of disease either directly through human activities or indirectly through specific intermediate host or vectors will also be considered. The specific diseases of interest are: rabies, anthrax, plague, yellow fever, trypanosomiasis, brucellosis, salmonellosis and specific parasitic agents, the cestodes, nematodes, trematodes amongst others.

SPECIALIZATION COURSES

PHEP933: Public Health Laboratory in Disease Control and Surveillance 3 Credits

The course focuses on an integrated approach and format in the areas of bacteriology, parasitology, virology, mycology, Blood banking hematology, chemical pathology, serology, entomology particularly mosquitoes and insects of medical importance to man. The various environments of water, food, sewage, housing and screening for specific health problems and field contract, identification of disease agents and specimen acquisition are integral parts of the course.

PHEP932: Epidemiological Concepts of Health and Disease Causation 3 Credits

The course focuses on the various concepts of health and disease; the Greek-Roman concepts; the biomedical concept; the ecological concept; psychosocial concepts; the multifactoral/multidimensional concept; and the holistic concept among others. Various definitions of health and philosophical views of health; dimensions of health; positive health and the concept of wellbeing; spectrum of health; responsibilities for health; health and development; and indicators for health; concept of disease causation and natural history of disease; concepts of prevention; modes of prevention and the changing patterns of disease from the past to the present will feature.

PHEP942: Field Investigations of Epidemic and Organization of Control Measures

4 Credits

The course directs attention on emergency response, preparedness and the nature, place and time of the out-break; the characteristics of the population affected; the extent/magnitude of the problem; the prevailing environmental conditions in the geographical location; information on logistics, which include: material and personnel needs (both immediate and long term); mobilization and assemblage of the epidemiologic team; procurement of equipment; transportation facilities; identification of location/s and controlling of the crowd; arranging for transfer of cases; prevention and control measures in site; treatment region (where needed); environmental assessment; conducting interview, case finding and collection of specimen for laboratory tests.

PUBLIC HEALTH NUTRITION SPECIALIZATION ELECTIVE COURSES

PHNT 951: Assessment Procedures & Diagnosis of Malnutrition in Community/ Primary Health Care Setting

3 Credits

The course focuses on practical health anthropology methods and programs, selection, training and supervision of field workers, focus group discussions, and data collection guide line in community, household and from primary health care providers, data analysis, presentation reporting and implementation plan. The course will include diagnosis of malnutrition and caring for infants and children with acute malnutrition through the use of anthropometric tools and charts to identify children with malnutrition and provide management appropriate to restore them to health. Clinical evaluation of intervention will be discussed.

PHNT 953: Maternal and Infant Nutrition

3 Credits

The course addresses the overall situation of women and children, the underlying causes affecting the situation of women and children, aspect of the Nigerian society bearing on the problems of women and children, policy and program options focusing on selective priority development, monitoring and evaluation, community mobilization, advocacy and sustainability.

PHNT 955: Health Survey Methodologies in Applied Nutrition

3 Credits

The course focuses on the historical development and perspectives of nutritional surveys, nutritional status of a community by longitudinal incidence studies and cross-sectional prevalence studies, field reconnaissance, technical planning through selection of methods,

statistical guidance, selection of equipment, training of personnel, the fieldwork, rapid ecological visit and public selections, collection, processing, analyzing, interpretation, presentation of results and action/implementation plan.

PHNT 957: Emergency and Disaster Management Services

3 Credits

Emergency and disaster management services will involve defining these terms clearly and identifying factors associated with emergency disaster and the scope of their impact in the lives of the population/community. The course will explore the mechanism of displacement, scope of the impact on the physical, psychological, social and clinical/health of affected individuals. Solutions require strategic management or resources involving local, national and international humanitarian agencies.

SPECIALIZATION COURSES

PHNT 933: Micro & Macro Nutrient in Human Diet

3 Credits

The courses deal with the biochemical nature of macro and micronutrient in food in terms of food classification by types and composition of each class of food, such as the carbohydrates, proteins and lipids, the biosynthetic path-ways, metabolism, utilization, storage and degradation, body requirement sources deficiency syndromes and path physiological diseases, toxicities and imbalance. The course covers the vitamins, pro-vitamins and the minerals, their sources, functions, metabolism, patterns, dietary requirements, absorption/excretion, toxicity, their interrelationships to each other in human nutrition and their roles in maintaining good health and in infections, nutrition and the vitamins.

PHNT 932: Nutrition in Health and Disease

3 Credits

The course covers nutrient utilization and requirements, protein-energy malnutrition, nutritional anemia brain function and behavior, nutritional status and susceptibility to disease, nutrition in growth and development, ageing and disease, nutritional care of hospital patients, nutrition and chronic diseases, nutrition in anthropology with particular references to changing food patterns, nutritional surveillance and nutritional intervention programs.

PHNT 942: Field Investigations of Household & Community

Food Security/Nutrition Surveillance

4 Credits

The course directs attention on household and community food scarcity and security, nutrient utilization and requirements, changing food patterns, nutrition surveillance and assessments, malnutrition, anthropometric measurements, nutritional status and nutritional intervention programs.

**HEALTH SERVICES ADMINISTRATION, MANAGEMENT AND POLICY
SPECIALIZATION**

ELECTIVE COURSES

PHMP921: PUBLIC HEALTH PROJECT MANAGEMENT

3 Credits

The course is designed to prepare learners to initiate, lead and manage projects that meet specific public health change objectives within an interdisciplinary environment and to develop bottom-up approaches to national development planning and projects in the context of a globalizing world. Skills include conceptualizing the business case, setting project goals and objectives, selecting appropriate planning and implementation strategies, monitoring, evaluating, and documenting project outcomes and lessons learned. The course is also designed to provide the learner with soft skills and the requisite performance tools for focused and strategic leadership being demanded by the increasingly competitive health sector.

PHMP961: National Health Information Systems and Vital Statistics **3 Credits**

The emphasis is on the national health information systems existing at the three levels of health care systems, vis-à-vis, tertiary, secondary and primary health care. The organizational/administrative structure at each level and those of the parastatals directly or indirectly involved in health activities; structure and organizational of the Health/Hospitals Management Boards; Components of Primary Health Care, Monitoring and Evaluation system; Types/Categories of health information systems/records; Methods of processing, management/storage, information flow and feedback mechanisms will be discussed. Vital and health statistics in relationships to sources, Methods of measuring and comparing the health, size, structure and growth of populations; Health and socio-economic conditions; Nomenclature and classification of diseases; numerical description and evaluation of health services, and Comparative International health information systems will also feature.

PHMP963: Comparative International Health Care Delivery Systems **3 Credits**

The course focuses on the theoretical orientation and methods: the international communities; the philosophy, principles, and concepts behind each country's health delivery system; the geographical locations of the country; the health information system and vital statistics; the sources of health data; determinants of health services use; types of health care delivery system, facilities and the Agencies responsible for their day-to-day running, maintenance and administration. Characteristics of the national health program/s in terms of resources, services and beneficiaries; modalities in place for planning, monitoring, supervision, implementation and evaluation of specific program activities will be addressed. The countries selected for consideration include Great Britain, U.S.A, Canada, Russia, Cuba, Israel, Brazil, Switzerland, the African Countries, South America and any other country.

PHMP965: Health Economics **3 Credits**

This course covers the theory, concepts and methods of microeconomic analysis and its application to health and health services. It emphasizes the use of theory to understand problems of organization, delivery and financing of health services; discrepancies in health levels among members of society; and the choices available to society regarding these issues. It also focuses on cost benefits, cost effectiveness, and cost utility analysis. It also examines managerial and financial accounting as well as financial policies of the various governments (nationally & internationally).

PHMP967: Advanced Health Services Management **3 Credits**

The course is intended to equip doctoral students with knowledge of theories and concepts of personnel management in the health system of Nigeria. Developing understanding of human behaviour in the context of organizational behaviour will be considered. The course prepares the graduate student to work more effectively with groups by providing them with skills in leadership for facilitating system and community actions. All the theories and concepts will be learned to facilitate understanding group behavior and the characteristic stages of their development. Knowledge gained in this course will further equip the student to conduct health system community needs assessment and assist the community in managing human and material resources to sustain community projects. Cross-cultural consultations and conflict resolution through the use of focus group discussion will feature.

*SPECIALIZATION COURSES***PHMP932: Methods & Strategies for Quality****Assurance in Health Care Delivery System****3 Credits**

The course focuses on the aspects of assurance and analysis of the health care services at the levels of the national health system; the course begins with definition of terms; types of health institution and types of health care provided; categories of health providers and training

modalities in terms of skills to provide the service; resources available to the institution and the population it serves; the environmental condition in and around the institution; health problems of the people in the geographical area where the institution is located; working hours, enumerations and other incentive due to the workers; availability of water, cross-ventilation and open spaces in and around the institution; provision for refuse/waste disposal and adequate drainage system; protection for the worker in case of imminent hazards; adequate management proforma and checklist; the referral system and adequate monitoring, supervision and evaluation systems.

PHMP933: Health Policy Formulation and Implementation Strategies 3 Credits

The course focuses on the overall policy particularly those of the African Region South of Sahara with special emphasis on Nigeria as a typical example. Specific topics include: Development of health system in relation to the country historical background information; Health policy and strategy; The health systems; Managerial processes; Community involvement/participation at different levels; Intersectoral collaboration; International cooperation/collaboration Health status indices; Assessment of progress/achievement in terms of relevance, adequacy and progress; Selected information on socio-economic and Health indices; health resources; PHC services; the 10 leading causes of death; The inter-phases of the tertiary, secondary and primary levels of health care and the referral system will feature.

PHMP942: Supervised Field work/practicum in Community care 4 Credits

Opportunities in putting health services administration, policy and management theories into practice through community-based intervention programs at various levels of health care setting will be considered. Students will be expected to work with other experienced professionals in health institutions and supervised by staff of the department. This experience is for not less than 10 weeks or **144 hours**.

ENVIRONMENTAL HEALTH SPECIALIZATION

ELECTIVE COURSES

PHEH 971: Geographical Techniques for

Health & Environmental Sampling and Analysis

3 Credits

The course focuses on modern techniques of spatial and temporal analysis used in detecting epidemic and endemic disease pattern and occurrences in terms of mapping/ expression of diseases/events occurring in/or at a particular place in point and time. A particular attention is placed on sources and reliability of data spatial and temporal variability, analysis of spatial trends, computer graphics, cluster analysis as well as time trends analysis. The use of the latest location and mapping system will feature.

PHEH 973: Environmental Sampling and Analysis

3 Credits

This course covers the theoretical bases and practical application of sampling techniques and analytical methods used in the quantitative determination of chemical air contaminants, ionization, and noise in the workplace and community environments. Emphasis will be on spectroscopic, chromatographic and other modern instrumental methods. Laboratory exercises will be included.

PHEH 975: Environmental Health Policies & Administration

3 Credits

The focus of the course is on the role/s of the federal, state and local governments in environmental protection vis-à-vis, institutional training, definitive focus of the training institutions, environmental health policies, laws and codes of each tier of government, health systems/services policies/philosophies, the health team concept, sectoral integration of health and social services, community institutional and individual participation in environmental/occupational health safety and protection

PHEH 977: Indoor & Outdoor Air Quality**3 Credits**

This course covers several areas of air pollution, both indoor and outdoor, their sources, factors that influence them, their effects on human populations and the environment, policy regulation, control and surveillance methods and techniques and related standards. Particular emphasis will be placed on the effects and determinants of air pollution on human population.

*SPECIALIZATION COURSES***PHEH 932: Domestic and Industrial Waste Management****3 Credits**

The course will focus on sewage and refuse disposal system in both urban and the rural settings. Salient topics include the problem of wastes, waste disposal methods such as on-site disposal system (pit latrines, ventilated improved pit, aquaprivies/septic tank soak-away), community sewage disposal of industrial waste conventional sewage and sewage treatment system, sewage treatment in stabilization ponds, Re-use of waste water efficient, environment classification of excreted infections, generis classification of sanitation systems, refuse types, sources and quantity, refuse storage and collection methods, refuse disposal methods, exploration of biogas from refuse, solid waste management, special considerations for corpses.

PHEH 933: Water Resources Management & Hydrology**3 Credits**

The focus of this course is on water resources and management processes which include identification of the location and harnessing ground water, fresh water, surface masses in the sea and as vapor in the atmosphere. Processing water resources to eliminate what constitute biological hazards of different pathogens and parasites and vectors in water supply, nuisance organisms, chemical contaminants/organic compound, water treatment/purification methods, quality criteria and standards will be discussed. Epidemiological methods used to investigate and control water-borne diseases will feature. Recycling of community sewage and industrial waste water by conventional sewage treatment system, sewage treatment in stabilization ponds, safe re-use of waste water will be included.

PHEH 932: Seminars on Contemporary Issues in**Environmental Toxicology and Global Warming****3 Credits**

This aspect of the program will involve critical analysis of recent research studies related to environmental toxicology and the attendant health risks. A broad-based overview of various classes of toxic agents affecting workers and individuals will be presented in the content of their exposure routes, disposition, toxicological consequences and mechanisms of toxins in foods, water and the ecology. The approach would be a systematic review of published papers on a specific contemporary environmental public health issue of the student's choice and the presentation would take the form of critiquing of a paper. The student would be guided through as they acquire this skill. Issues related to global warming and possible solutions will be discussed in the seminars.

PHEH 942: Supervised Field work Practice/**Environmental Risk Assessment & Industrial Hygiene****4 Credits**

The course focuses on methods of monitoring, and parameters for assessing environment/occupational health hazards. The methods include direct monitoring and assessment of the physical environment through a check-list, and personal observations, use of trained domestic animal to sniff, indirect measurement of air, dust constituents and chemical/biochemical concentrations, use of radiation measurement apparatus, use of audiometers to measure sound/noise intensities, micro-biological testing and assessment of food, water and dairy product for the presence of pathogens, virus parasites and fungi.

POPULATION AND REPRODUCTIVE HEALTH SPECIALIZATION

ELECTIVE COURSES

PHPR 941: Psychosocial Problems of Special Populations

3 Credits

The course deals with the special problems of the adolescents, the handicapped, the bereaved widow and widower, Women's Health (Vesico-Virginal-Fistulae), child abandonment and child labor, the prison inmates, the remand homes, the aged, the refugees, Emergencies/disasters.

PHPR 953: Population Policies, Programs & Strategies

3 Credits

The course deals with definitions, the past and the present status of mental health, program objectives and strategies, management historical of program strategies at the various levels of government, Integration of mental health into primary health care, mental health manpower development and training, mental health care needs of special groups, mental health legislation, national mental research and development, mental health information system, mental health program monitoring and evaluation, primary mental health care financing, International collaboration in mental health care activities, mental health action plan and target activities, International comparative mental health policies, programs and strategies.

PHPR 965: Intimate-Partner violence

3 Credits

The focus of the course is on intimate-partner violence and factors associated with this phenomena, the role of the constitution to protect the rights of the girl-child and victims in rape situation. Matters related to Education of the population will feature outlining provisions for ensuring that no member of the population is at any disadvantage based on their gender.

PHPR 977: Health and Wellness of the Disadvantaged Population

3 Credits

The course focuses on the physical, mental and social health needs and wellness of the vulnerable groups/disadvantaged population e.g. girl-child, albino, disabled/handicapped.

SPECIALIZATION COURSES

PHPR 933: Endocrine & Reproductive Systems, Child Health & Development

3 Credits

The course describes the anatomy and physiology of the male and female reproductive system component parts, the menstrual cycle and the hormones of reproduction, events of the menstrual cycle, Comparative Ovarian Cycles, relationships between menstruation and ovulation, pregnancy and developmental stages of the fetus, problems associated with pregnancy intervention strategies fertility control methods, hereditary factors and their outcomes. It also focuses on development stages of the child from childhood through the adolescent, the environments of the child, the child and the mother, the child and other family members, the physical environment of the home and the surroundings, the school environment, food and infection, poverty and deprivation, physical, psychosocial and psychomotor development of the child, familiar disease patterns, the child behaviour patterns and consequences, specific social welfare/health programs targeted at children and adolescents, monitoring and evaluation strategies of programs.

PHPR 942: Supervised Fieldwork Practice/ Organization of Reproductive Health Services Practicum

4 Credits

Opportunities in putting reproductive health theories into practice through community –based intervention programs at various levels of health care setting will be considered. Students will be expected to work with other experienced professionals in health institutions and supervised by staff of the department. This experience is for not less than 10 weeks or **144 hours**.

PHPR 932: Organization and Delivery of Maternal and Child Health **3 Credits** The course focuses on the historical perspective of the development of MCH services, mothers and children in their environments, reasons for MCH services, the health problems to be solved in the

population, in the children and women (antenatal, labour and post natal) expanding scope of MCH services, MCH and the newly emerging communicable diseases, focus and organization of MCH services at different levels of the national health care systems, and their interrelationships, specific MCH problems and specific intervention programs, the safe-motherhood program; personnel, training and research in the MCH specialty, International organizations and NGOs with special interest in the problems of the mother and child, Exploration of innovative alternatives to current patterns of health care, MCH program planning, monitoring and evaluation. It also covers the bases and principles for a National Policy Declaration on population for Development, the population situation in Nigeria, the consequences and implications of the population situation, National population policy goals and objectives, strategies for the implementation of the population policy, Role and Status of Women in Development, Institutional and Organizational Structure, monitoring and evaluation strategies, Leadership, special programs and projects on the National population policy, Comparative International health policies.

PREVENTIVE HEALTH CARE SPECIALIZATION

ELECTIVE COURSES

PHPC 917: Pharmacology

3 Credits

This course deals with the contributions of many cultures to the field of pharmacology and the development of pharmacological thought. It also focuses on the molecular and cellular mechanisms whereby therapeutic drugs, or other pharmacologically or toxicologically active compounds interact with biological, particularly human, systems. It includes general principles of drug action, including drug absorption, distribution, metabolism, elimination, pharmacokinetics, and pharmacodynamics of important therapeutic drug categories. For each drug category, the course emphasizes: selected prototype drugs, molecular mechanisms of action, pharmacokinetic properties, therapeutics, adverse effects contra-indications and drugdrug interactions.

PHPC 983: Exercise Physiology and Cardio-Respiratory Fitness

3 Credits

This course deals with the application of principles of basic exercise, organ systems, integrative and cellular physiology to clinical situations, the prescription of exercise and the evaluation of health and physical fitness. Acute and chronic exercise responses and adaptations related to metabolic and cardiovascular health in people who are physically inactive, aged or diseased are discussed. Study of the acute and chronic cardiovascular, respiratory, metabolic, muscular and neuromuscular responses to exercise, athletic training and environmental stress will be considered.

PHPC 985: Therapeutic Nutrition

3 Credits

This course focuses on current nutrition theory and evidence based practice in prevention and treatment of disease. Meal pattern, food components (e.g. different millets), flavours and macronutrient content on energy balance (expenditure and intake), metabolic and gastrointestinal responses, and biochemical outcomes related to health and disease. Advanced therapies and patient management in nutrition support will be discussed. Course topics include pediatric nutrition, obesity, cardiovascular disease, diabetes, cancer, renal disease, and gastrointestinal diseases.

PHPC 987: Preventive Aspect of Lifestyle Diseases

3 Credits

This course discusses current lifestyle diseases, including: cardiovascular, metabolic, communicable, and nutritional. Concepts regarding risk factors, screening approaches, and risk reduction, with impact on specific health parameters will also feature.

SPECIALIZATION COURSES

PHPC 932: Human Pathology**3 Credits**

This deals with the study of disease and describes the manifestation of the disease, its progress and sequel and attempts to determine the cause and underline mechanisms. It analyses the environmental and genetic factors which cause diseases. It describes the disease of the body systems and individual organs and improves knowledge of the function and dysfunction of individual cells.

PHPC 933: Advanced Exercise Physiology**3 Credits**

This course explores the concept the physiology of physical exercise, the history of exercise, energy expenditure, metabolic changes, functions of the brain in exercise and education in exercise physiology.

PHPC 942: Supervised Fieldwork Practice/Weight**Management and Eating Disorder Intervention****4 Credits**

Opportunities in putting weight management and eating disorder intervention and theories into practice through community-based intervention programs at various levels of health care setting are considered. Students would be expected to work with other experienced professionals in Health institutions and supervised by staff of the department. This experience is for not less than 10 weeks or **144 hours**.

HEALTH MINISTRY SPECIALIZATION*ELECTIVE COURSES***PHHM 951 Advanced Family Health and Crisis Counselling****3 Credits**

This courses deals with common social health problems emerging from the family unit with emphasis on interpersonal crisis intervention and counselling. Selected topics in the area of family health, including women's issues, aging, and migration, problems in parenting, child and spousal abuse and their prevention, and crises at crucial stages of the life cycle will be discussed.

PHHM 955: Biblical Perspective on Health, Healing and Wellness**3 Credits**

This course focuses on perspectives of health from the Bible such as biblical anthropology and the laws of God, as a basis for health and disease dynamics, healing and wellness. It describes biblical teachings about the physical, mental, social and spiritual dimensions of health and healing. It also provides a useful theoretical framework for public health practice and research and describes the synergy between science and faith.

PHHM 957: Theories of Public Health**Understanding of Unhealthy Practices****3 Credits**

This course explores social and psychological theories of human behaviour and behaviour change in order to understand contemporary issues in public health.

*SPECIALIZATION COURSES***PHHM 933 Advanced Theory and Practice of Health Ministry****3 Credits**

This course will prepare the postgraduate students to work more effectively in the communities as health/medical missionaries. All the theories and concepts of health ministry will be used to conduct communities' needs assessments to facilitate entry and presentation of health messages. In conducting community needs assessment as defined in areas of deficiency may be addressed using advanced health promotion concept. The student with leadership skills in pastoral ministries will facilitate resource linkages to meet individual and communal health needs.

PHHM 932 Advanced Religion and Global Health**3 Credits**

The course focuses on an international perspective of the interconnections between religion and

health, with special attention to how faith (theological ideas) of a community plays a role in how people seek treatment and relate to health and disease. Various international organizations involved in relief programs will be highlighted. Special attention is devoted to United Nations Agencies such as WHO, UNICEF, UNDP, UNFPA, UNHCR and particularly the Adventist Development and Relief Agency (ADRA).

PHHM 942: Supervised Fieldwork Practice/Medical Missionary **4 Credits**

Opportunities in putting medical missionary/health ministry theories into practice through community –based intervention programs at various levels of health care setting are considered. Students will be expected to work with other experienced professionals in health institutions and supervised by staff of the department. This experience is for not less than 10 weeks or **144 hours**.

PHHP 970: Doctoral Seminar in Public Health I **4 Credits**

This aspect of the program will involve critical analysis of recent research studies related to student's area of specialization. The approach will be a systematic review of published papers on a specific contemporary public health issue of the student's choice and the presentation would take the form of critiquing of a paper. The student will be guided through as they acquire this skill.

PHHP 980: Doctoral Seminar in Public Health II **4 Credits**

This will be presented by students as well as external resource persons. Emphasis to students will be made to focus on current global Public Health trends and Issues. The students undergo systematic reviews of literature in their areas of interest this will allow them identify the evolution of knowledge in their chosen area in chronological order. Eventually students will be lead to identifying existing literature gaps, and will undertake gaps analysis having done a summary table of literature searched. Framing of topics will be emphasized alongside identifying appropriateness of theories, conceptual and theoretical framework. This will ultimately allow the student to choose a topic around the gap identified in their areas of interest e.g Epidemiology, Health Promotion, Public Health Nutrition, Population and Reproductive Health, Environmental Health, Preventive Health, Health Services Administration, Management and Policy and Health Ministry. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

PHHP 990: Thesis **16 Credits**

The doctoral thesis by the student completing the programme is a demonstration of an indepth understanding of the discipline of health promotion and education. The student's training in all the courses taken becomes vital in completing the dissertation which is an indepth study of a particular health promotion/education issue requiring practical solutions. Topics chosen must be an intervention where there should be a clear demonstration of contribution to existing body of knowledge by the student. A section of the doctoral thesis discusses the Christian worldview pertinent to the study as well as a biblical perspective for the ethical/moral issues addressed in the study. The student is required to prepare for an oral examination by a panel of examiners, chaired by an appointed external examiner. *The Thesis is to be registered for, over a four semester period.*

SCHOOL OF SCIENCE AND TECHNOLOGY



PROF. NWANGBURUKA, C. C.
DEAN



DR. OYEKALE, K. O.
HEAD OF DEPARTMENT

Programme: Agricultural
Economics Degree in View: M.Sc., PhD Degree in View: M.Sc., PhD

Areas of Specializaon:

1. Agro-Forestry
2. Plant Breeding
3. Horculture
4. Soil Science
5. Crop Biotechnology

Programme: Animal Science
Degree in View: M.Sc., PhD Areas of Specializaon:

1. Animal Nutrion
2. Animal Producon and Management
3. Animal Breeding and
Genecs

MASTER OF SCIENCE (M.Sc.) AGRONOMY

Philosophy

Postgraduate programme in Agronomy is tailored to meet the worldwide demand for scientific expertise in the development of crop and plant production methods, farming systems, soil sustainable productivity, soil management and conservation. This dissertation-oriented programme will encapsulate all that the candidates require to attain a high level of competence in the field of plant and soil management for sustainable food production.

Objectives

At the end of the programme, the students should be able to:

1. Discover, formulate and demonstrate new principles of crop improvement and soil-crop management so as to make agriculture socially viable, profitable for the farmers and competitive on world markets.
2. Develop disease, insect and weed management strategies for crops.
3. Identify agriculturally useful genes from new or unique sources to improve crops nutritional quality, pest, resistance, stress tolerance and commercial potential.
4. Assume leadership role in academic, research, field and laboratory settings.
5. Formulate and evaluate appropriate policy in line with plant agriculture to achieve food sufficiently.
6. Demonstrate the ability to design a field based research project, apply relevant research skills, critically analyze and interpret data and work with minimal supervision.
7. Show competence in communicating scientific findings.

Admission Requirement:

Graduates (with B.Sc. Hons., B.Agric.) in Agriculture who meet minimum and other University requirements both at 'O' Level (5 Credit passes) and first degree (minimum of Second Class lower division). The Department reserves the right to order some candidates to take and pass selected undergraduate courses as non-scoring electives. Candidates may be required to satisfy a selection process.

Requirements for Graduation:

The M.Sc Programme in Agronomy shall last for 3 semesters and a maximum of 5 semesters. Minimum CGPA for graduation: 3.00 on a scale of 5.00. It consists of course work and a research project. The minimum credit for graduation shall be 44 credit Units distributed as follows:

<u>Course</u>	<u>Units</u>
GEDS	4
Core	30
Electives	4
Dissertation	6
Total	44

COURSE CONTENT FOR M Sc. AGRONOMY

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL REQUIREMENTS			
GEDS 801	Religion, Faith and Morality	2		
GEDS 802	Statistics		2	
	CORE COURSES			
AGRI 800	Biblical Principles for Sustainable Agriculture		3	
AGRY 801	Advanced Agricultural Statistics	3		
AGRY 815	Advanced Cropping Systems	3		
AGRY 816	Principles and Methods of Weed and Pest Management		3	
AGRY 823	Crop Physiology and Ecology	3		
AGRY 825	Crop Taxonomy	3		
AGRY 833	Advanced Agro-Climatology	3		
AGRY 834	Advanced Soil Fertility and Plant Nutrition		3	
AGRY 844	Crop Modeling and Cropping Systems		3	
AGRY 870	Seminar in Agronomy		3	
AGRY 8--	Electives	2	2	
AGRY 890	Dissertation			6
	TOTAL = 44 Credits	19	19	6

ELECTIVE COURSES (Choose ONE per Semester)

Note: Each student must take one elective course during the 1st and 2nd semesters (totalling 2 elective courses in all), reflecting their choice area of specializations thus;

Elective Courses for Specialized Areas:

(A) Agronomy

- AGRY 873 Agronomy Research and Computer Applications (2 credits)
- AGRY 882 Biotechnology in Crop Production (2 credits)

(B) Agro Forestry

- AGRY 863 Advanced Agro-Forestry (2 credits)
- AGRY 882 Biotechnology in Crop Production (2 credits)

© Soil Science

- AGRY 861 Advanced Soil Mineralogy (2 credits)
- AGRY 882 Biotechnology in Crop Production (2 credits)

(D) Plant Breeding

- AGRY 872 Advanced Plant Breeding and Genetics (2 credits)
- AGRY 882 Biotechnology in Crop Production (2 credits)

(E) Horticulture

- AGRY 862 Recent Advances in Horticulture (2 credits)
- AGRY 882 Biotechnology in Crop Production (credits)

(F) Crop Biotechnology

- AGRY 851 Recent Advances in Crop Biotechnology (2 credits)
- AGRY 882 Biotechnology in Crop Production (2 credits)

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 801: RELIGION, FAITH AND MORALITY

2 Credits

GEDS 802: STATISTICS

2 Credits

AGRI 800 BIBLICAL PRINCIPLES FOR SUSTAINABLE AGRICULTURE

3 Credits

A study of biblical principles as they relate to agriculture and farming. Sustainable management of personal, corporate and natural resources as exemplified in the instruction given to the first family (Adam and Eve) and the rest of humanity. Project planning, appraisal and accountability as they corroborate the teachings and lifestyle of Jesus Christ. Poverty alleviation strategies through the practice of agriculture as it focuses on God's relationship, intention and provision for humanity. Dignity in labour and remuneration for use of labour, consumption and production theories. Social welfare theories as aligned with welfare principles of the apostolic church (pre and post Pentecost). *This Capstone Course MUST be cotaught by a host teacher and a teacher from the Department of Religious Studies.*

AGRY 803 ADVANCED AGRO STATISTICS

3 Credits

Planning experiments. Ways of increasing accuracy of Experiments. Experimental designs and analysis of data. Models of analysis of variance. Variance and covariance analysis. Orthogonal contrast. Correlation, Linear and non-linear regression. Use of packaged computer program for data analysis (SAS, SPSS, MS-EXCEL). Integrity and honesty in data generation, analysis and reporting.

AGRY 815 ADVANCED CROPPING SYSTEMS

3 Credits

Physiological origins of crop yield. "Potential" versus "harvest" yield and the role of environmental factors. Management practices employed in crop production. Farming systems; traditional and modern concepts. The eco-physiological consideration of multiple cropping. Contemporary models in cropping systems and research methodologies.

AGRY 816 PRINCIPLES AND METHODS OF WEED AND PEST MANAGEMENT

3 Credits

Define Pests, Identify the types with examples. Economic importance of pests. Factors influencing pest infections and re-infestation notably in weed pests. Principles and methods of pest management – Namely targets to achieve through activities meant to curtail pest damage. Cultural, Chemical, Biological control of weeds, Integrated weed management, Principles and practice. Weed control in cereal, food crops, fibre crops, and Plantation crops. Weeds, reduced tillage and multiple cropping. Herbicide formulations. Use and abuse. Methods of pest control – Biological, Genetics, Host resistance, Environmental, mechanical, Physical, Chemical, Cultural, Legislative control, Principles of integrated pest management (IPM) Development of IPM programmes.

AGRY 823 CROP PHYSIOLOGY AND ECOLOGY

3 Credits

Measurement of growth resources, Dry matter production and its distribution into various sinks. Role of plant characters in development of growth and yield. Regulation of growth and yield, Climatic factors affecting growth and yield of field crops. Ecology and Agronomy of different crops. Climatic, edaphic, biotic and cultural factors for determining crop distribution and productivity.

AGRY 825 CROPTAXONOMY**3 Credits**

Angiosperm systematic; procedures for stem-preparation of herbarium material, the use of keys on plant taxonomy, genetics; phytochemistry etc to plant taxonomy. Numerical taxonomy, serotaxonomy, chemo-systematic.

AGRY 834 ADVANCED SOIL FERTILITY AND PLANT NUTRITION **3 Credits**

Essentiality of plant nutrients. Concepts of nutrient intensity and capacity factor. Basic concepts in soil plant relationships. Soil fertility and productivity. Soil organic matter decomposition and mineralization, fertilizers and lime use. Soil fertility evaluation. Cropping system and soil fertility management and conservation. Introduction to organic farming.

AGRY 833 ADVANCED AGRO-CLIMATOLOGY**3 Credits**

Study of weather variables in relation to crop production. Radiation balance, heat balance, soil heat fluxion and soil temperature and modification by mulching and secondary tillage operations. Sensible heat lux, soil and air temperatures, wind and turbulent blow and influence on crop production. e.g. rubber production. Atmospheric humidity (especially relative humidity), transpiration, evaporation and evapotranspiration, factors influencing climatic change and carbon dioxide balance and photosynthesis. Improvement of water use efficiency through unimpeded plant root proliferation, and structure stability through crop residue return into the soil. Management of weather variables and crop production.

AGRY 844 CROP MODELING AND CROPPING SYSTEMS**3 Credits**

Role of environmental factors in management practices involving crop production. Farming systems: traditional and modern farms. Fertilizer management in cropping systems. Enhancement and measurement of productivity, sustainability, stability and equitability of cropping systems. Application of systems analysis and simulation for decision making in cropping systems. Research methods in cropping systems.

AGRY 846 ADVANCED SOIL ANALYTICAL TECHNIQUES**2 Credits**

Methods for isolation and recognition of soil components. Fundamental principle of analytical techniques, (Spectrophotometry, eletroanalytical techniques, x-ray diffraction, thermal methods. AAS, X-ray fluorecence, spectrography chromatography etc). The application of radio-isotonic methods and gas chromatography to the study of the movement of ions and pesticides in soils. Advanced spectrometry instrumentation. Quality control and laboratory management. Analytical techniques in soil physics. Soil microbiological and biochemical assays.

AGRY 851 RECENT ADVANCES IN CROP BIOTECHNOLOGY **2 Credits**

Advances in crop tissues culture. Micropropagation and meristem culture in the production of disease-free plants. Haploids and double haploids. Embryo culture and somatic hybridization. Molecular markers and their roles in crop improvement. Genomics and genomic sequencing. Transgenics and their importance in agriculture. Protocol of gene isolation and transfer. Commercially released transgenic crops. Transgenic crops and biosafety.

AGRY 861 ADVANCED SOIL MINERALOGY**2 Credits**

Structure of the earth; mineralogical and chemical composition of the earth's crust and relationship to soil; general concept of mineral weathering and genesis in soil; Classification of soil minerals; structure of silicate clay minerals; organic soil minerals and their structure; weathering in soil environments; recent techniques in soil mineral studies.

AGRY 862 RECENT ADVANCES IN HORTICULTURE**2 Credits**

Recent advances in plant classification, seed production and handling; Vegetative propagation techniques. Glass house production practices. Landscaping (design, plant selection, plant arrangement, management and implementation. Post-harvest handling i.e. processing, storage,

transportation e.t.c. Stress management in horticultural crops. Intellectual property rights. Marketing and economics of horticultural products. Herbs, spices and medicinal plants – classification and description. Nursery crops – Production and managements. Principles and chemistry of plant growth regulators. Molecular approaches to crop breeding.

AGRY 873 AGRONOMY RESEARCH AND COMPUTER APPLICATIONS

2 Credits

An introduction to computers; software and hardware. Introduction to various statistical analytical packages (e.g. SAS, GENSTAT, SPSS, SYSTAT e.t.c.). Data coding, entry and editing. Data analysis using various computer application programmes. Interpretation of analysis output. Presentation/communication of research results using MS power point and other tools.

AGRY 872 ADVANCED PLANT BREEDING AND GENETICS

2 Credits

Gene action, heritability, inbreeding and heterosis. Response to selection; selection methods for self-pollinated crops, genotype and environment interaction. Breeding techniques for self and cross-pollinated crops. Conservation of genetic resources.

AGRY 882 BIOTECHNOLOGY IN CROP PRODUCTION

2 Credits

Definition of biotechnology. Examples of applications of genetic manipulation in crop production, energy raw materials, chemical and environment management. Biological nitrogen fixation – symbiotic and asymbiotic rhizobia inoculants production and cultural practices. Inoculation and fertilization to improve symbiotic N₂ fixation of legumes.

AGRY 863 ADVANCED AGRO-FORESTRY

2 Credits

Definition, production and service roles, biological characterization, genetic evaluation of multipurpose tree (MPTS). Selection of tree/crop/fodder combination, factors to be considered, tree crops, agricultural crops, animal classes and types of pastures component interaction in different ecological zones, tree/crop/pasture (animals, positive and negative interaction. Nutrient cycling in component systems, dynamics of crop residues, animal waste, coppicing nitrogen fixation etc. case studies of tree/crop/pasture/animal component combination.

AGRY 870 SEMINAR IN AGRONOMY

3 Credits

One Seminar would be required at the beginning of the student's research. Seminar topics are to be selected in consultation with the students 'supervisor. The seminars would be assessed by all lecturers.

AGRY 890 DISSERTATION

6 Credits

A dissertation, showing evidence of ability to analyze a problem, set appropriate objectives, carry out research and write a useful, well documented paper, is required. The dissertation will be presented to the student's major supervisor who will turn in a grade for the report.

MASTER OF PHILOSOPHY (MPhil) AGRONOMY

COURSE CONTENT FOR MPhil AGRONOMY (Crop Science Option)

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR	
		1st Se m	2nd Se m	3rd Se m	4th Se m
	GENERAL REQUIREMENTS				
GEDS 901	Personal and Family Wholeness	2			
GEDS 902	Advanced Statistics		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
AGRI 901	Design and Analysis of Experiments	3			
CRPT 932	Advanced Crop Production		3		
CRPT 941	Topical Research in Crop Production	3			
CRPT 972	Organic Agriculture Production System		3		
CRPT 9--	Electives	4	4		
CRPT 880	MPhil Seminar			3	
CRPT 890	MPhil Dissertation			(8)	8
	TOTAL (39 Credits)	14	14	3	8

DOCTOR OF PHILOSOPHY (Ph.D) AGRONOMY

PHILOSOPHY

Post graduate studies in Agronomy are designed to further develop the spirit of enquiry in the graduate students through training in research in an atmosphere of intellectual independence and individual creativity. Candidate will be equipped with a sound theoretical and applied knowledge in Agronomy and the various subdivisions in the field in order to fit into Academics (training and research), government and self-employment situations

OBJECTIVES

At the end of the programme, the students should be able to:

- Demonstrate detailed knowledge and understanding of the different aspects of Agronomy which are geared towards sustainable agriculture and food sufficiency
- Formulate and evaluate appropriate research policies
- Assume leadership role in academic and research while working with minimal supervision.
- Show competence in communicating scientific findings.
- Develop and execute research in Agronomy

Programmes Offered in the Department

- (a) Ph.D. Agronomy (Crop Production Option) with specialization in Plant nutrition, Horticulture, and Weed science.
- (b) Ph.D Agronomy (Soil Science Option) with specialization in Soil Microbiology and Fertility.

ADMISSION REQUIREMENT

The Ph.D. programme is open to candidate having M.Sc. in Agronomy or its equivalent from a recognized University with a weighted average grade of 60%. Candidate who complete the M.Phil degree in a recognized University are also eligible for Ph.D., entry consideration to be considered on its own merit.

GRADUATION REQUIREMENT

- i) Each student will be assigned a major adviser/supervisor by the head of Department in accordance with the nature of the student's thesis research interest and time availability of the post graduate facility. A supervisory committee shall consist of 3 supervisors for each student, one of which shall be designated the main supervisor.
- ii) The duration of the programme is a minimum of 6 semesters and maximum 8 semesters for full time students; minimum of 8 semesters and maximum of 10 semesters for the part-time students.
- iii) Minimum credits for graduation shall be 56 credit Units distributed as follows:-

Course	Unit
GEDS	8
Seminar	6
Core Courses	18
Elective Courses	8
Thesis	16
Total	56

COURSE CONTENT FOR PH.D AGRONOMY (Crop Science Option)

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem
	GENERAL REQUIREMENTS						
GEDS 901	Personal and Family Wholeness	2					
GEDS 902	Advanced Statistics		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
AGRI 900	Advanced Biblical Principles for Sustainable Agriculture			3			
AGRI 901	Design and Analysis of Experiments	3					
CRPT 932	Advanced Crop Production		3				
CRPT 941	Topical Research in Crop Production	3					
CRPT 970	Review on Agro Biotechnology- Seminar I			4			
CRPT 972	Organic Agriculture Production System		3				
CRPT 980	Review on Soil Fertility- Seminar II				4		
CRPT 977	Crop Pest Management Techniques			3			
CRPT 9--	Electives*	4	4				
CRPT 990	Thesis			4	4	4	4
	TOTAL = 58 Credits	14	14	14	8	4	4

* ELECTIVE COURSES

Each student is to take two (2) elective courses in the 1st and 2nd semesters of the first year (totalling 4 elective courses in all), in consultation with the HOD and departmental PG Coordinator. All elective courses listed below are offered at 2 credits each.

CRPT 908	Crop Ecology	2
CRPT 933	Production Technology of Plantation Crops	2
CRPT 951	Mineral Nutrition of Plants	2
CRPT 952	Crop Physiology	2
CRPT 961	Agro Climatology	2
CRPT 962	Principles of Seed Technology	2
CRPT 973	Recent Advances in Biotechnology	2

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 901: PERSONAL AND FAMILY WHOLENESS 2 Credits

GEDS 902: ADVANCED STATISTICS 2 Credits

GEDS 911: RESEARCH PROPOSAL AND WRITING 2 Credits

GEDS 912: ADVANCED RESEARCH DESIGN 2 Credits

CRPT 880: MPhil SEMINAR 3 Credits

This course is designed to teach students how to engage in critical research writing, especially bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. It also exposes students to how to write internationally acceptable articles on methodology and design as well as prepares the student toward meaningfully engaging in the process of writing the Dissertation. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

CRPT 890: MPhil DISSERTATION 8 credits

Independent study of a topic approved by the department under the supervision of a lecturer in the department. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the project work.

AGRI 900 ADVANCED BIBLICAL PRINCIPLES FOR SUSTAINABLE AGRICULTURE 3 Credits

Highlights of biblical projections of agriculture as a profession from creation to the new earth. Agriculture as an interdisciplinary occupation involving relationship in soil, nutrition, plant and animal production, pests and disease control, accounting and transactions, economics and sociology, engineering and cooperatives, project planning, appraisal and accountability corroborating the teaching of Jesus Christ in parables. Agriculture as a tool for fostering dignity in labour and remuneration for the use of labour. Emphasis on biblical teachings on the abovementioned subjects. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

AGRI 901 DESIGN AND ANALYSIS OF EXPERIMENTS 3 Credits

Review of the analysis of variance and randomized complete block design, nested design, incomplete block (lattice) designs; Analysis of covariance, partial and multiple regression and correlations, matrices and regression.

CRPT 908 CROPECOLOGY 2 Credits

Climatic, edaphic, biotic, and geographical factors of the environments and their relationships to crop distribution and production.

CRPT 933 PRODUCTION TECHNOLOGY OF PLANTATION CROPS 2 Credits

Origin and botany of tropical fruits and plantation crops of commercial importance in Nigeria.

Nursery techniques, Root stock/scion relationships. Physiological and anatomical aspects of plant morphogenesis. Recent advances in fruits and fruit free nutrition and plantation management including soil management, weed and pest management, produce processing and handling.

CRPT 932 ADVANCED CROP PRODUCTION 3 Credits

Physiological origins of crop yield. "Potential" versus "harvest" yield and the role of environmental factors. Management practices employed in crop production. Farming systems; traditional and modern concepts. The eco-physiological consideration of multiple cropping Contemporary models in cropping systems and research methodologies.

CRPT 951 MINERAL NUTRITION OF PLANTS 2 Credits

Historical aspects of Plant nutrition. The soil as a source of plant nutrients. Physical and chemical processes involved in uptake and movement of ions in plants. Ion interaction. The essential elements and their functions. Importance of mineral elements in plants for purposes other than satisfying plant growth requirements. Physiological ecology. Mineral nutrition and breeding.

CRPT 952 CROPPHYSIOLOGY 2 Credits

The Agricultural implication of various physiology processes in plants, and how these processes can be manipulated for maximization of crop yield and quality. Topics discussed include photosynthesis, respiration, nitrogen metabolism (including protein synthesis), translocation, transpiration and water economy in plants, flowering (including photoperiodism), fruit set and fruit ripening, plant growth substances, and the tolerance of plants to environmental stress.

CRPT 961 AGRO CLIMATOLOGY 2 Credits

Study of the climate near the ground in relation to crop production. Topics include: balance; heat balance transpiration, soil heat flux and soil temperatures; wind and turbulent transport; Atmospheric humidity, evaporation and evapotranspiration; carbondioxide balance and photosynthesis, improvement of water use efficiency; modification of the microclimate in crop production.

CRPT 962 PRINCIPLES OF SEED TECHNOLOGY 2 Credits

Seed improvement organization, Components of seed quality, Principles and practice of seed drying, storage, cleaning and packaging; Principle of seed certification, testing and legislation. Seed marketing; Biology and control of seed –borne pathogens and pests microorganisms and pests of stored seeds. Seeds treatment and seed dressing; (Physical and biological principles involved in the conditioning and storage of seeds and grain with emphasis on systems used, operational procedures, management and economic considerations).

CRPT 941 TOPICAL RESEARCH 3 Credits

Students prepare, present, and discuss Special topics in any aspect relating to their specialization

CRPT 970 Review on Agro Biotechnology – Seminar I 4 Credits

Review on Agro Biotechnology. Student will review specific aspects of Agro Biotechnology. This review will be presented in a departmental seminar allowing for interaction between student, colleague and faculty. During the presentation student will be assessed and graded. Finally, student will submit a typed review to course lecturer

CRPT 972 ORGANIC AGRICULTURE PRODUCTION SYSTEM 3 Credits

Historical Perspectives of Organic Agriculture, Agro-chemicals and other In-organic Crop Production Inputs. Concept of Organic Crop Production as alternative to Agro-chemical Cropbased Production. Roles of Cropping and Farming Systems in Organic Crop Production. Advantages and Disadvantages of Organic Crop Production System. Conversion from In-organic

to Organic Crop-based Production System – Procedures for Conversion.

CRPT 977 CROP PEST MANAGEMENT TECHNIQUES

3 Credits

Concept of Crop Pests, Pest Categories – Insect Pests, Weed Pests and Vertebrate Pests. Factors Promoting the Prevalence of Field and Storage Pests. Modes of causing Economic Losses by Pest Categories. Principles and Methods of Pest Control.

CRPT 980 Review on Soil Fertility – Seminar II

4 Credits

Review on Soil Fertility. Student will review specific aspects of soil fertility. This review will be presented in a departmental seminar allowing for interaction between student, colleague and faculty. During the presentation student will be assessed and graded. Finally, student will submit a typed review to course lecturer

CRPT 990 THESIS

16 Credits

A thesis, showing evidence of ability to analyse a problem, set appropriate objectives, carry out research and write a useful, well documented paper. Student for the degree will submit a thesis based on original research work carried out during the course of the study. This thesis will be presented to the school audience in partial fulfillment of the requirements for the degree and in accordance with the university regulations. The thesis will be examined by external examiner and the final copies of the thesis submitted to the College of Postgraduate Studies. *The Thesis is to be registered for, over a four semester period.*

COURSE CONTENT FOR MPhil AGRONOMY (Soil Science Option)

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem
	GENERAL REQUIREMENTS				
GEDS 901	Personal and Family Wholeness	2			
GEDS 902	Advanced Statistics		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
AGRI 901	Design and Analysis of Experiments	3			
SOSC 902	Soil and Plant Analysis		3		
SOSC 931	Topical Research in Soil Science	3			
SOSC 972	Advanced Soil Management and Conservation		3		
SOSC 9--	Electives*	4	4		
SOSC 880	MPhil Seminar			3	
SOSC 890	MPhil Dissertation			(8)	8
	TOTAL = 39 Credits	14	14	3	8

* See the list of Elective Courses under the PhD programme.

COURSE CONTENT FOR PH.D AGRONOMY (Soil Science Option)

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem
	GENERAL REQUIREMENTS						
GEDS 901	Personal and Family Wholeness	2					
GEDS 902	Advanced Statistics		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
AGRI 900	Advanced Biblical Principles for Sustainable Agriculture			3			
AGRI 901	Design and Analysis of Experiments	3					
SOSC 902	Soil and Plant Analysis		3				
SOSC 931	Topical Research in Soil Science	3					
SOSC 972	Advanced Soil Management and Conservation		3				
SOSC 970	Review on Soil Degradation Indices and Cultural Restoration Strategies – Seminar I			4			
SOSC 980	Organic Agriculture – Seminar II				4		
SOSC 977	Soil Physics and Crop Production			3			
SOSC 9--	Electives*	4	4				
SOSC 990	Thesis			4	4	4	4
	TOTAL = 58 Credits	14	14	14	8	4	4

** Each student is to take two (2) elective courses in the 1st and 2nd semesters of the first year (totalling 4 elective courses in all), in consultation with the HOD and departmental PG Coordinator. All elective courses listed below are offered at 2 Credits each.*

ELECTIVE COURSES = 2 Credits each

SOSC 903	Soil Chemistry and Nutrient Availability	2
SOSC 911	Soil Genesis and Classification	2
SOSC 912	Soil Physics	2
SOSC 924	Studies in Soil Organic Matter	2
SOSC 922	Soil Microbiology and Biochemistry	2
SOSC 961	Agro Climatology	2

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 901: PERSONAL AND FAMILY WHOLENESS 2 Credits

GEDS 902: ADVANCED STATISTICS 2 Credits

GEDS 911: RESEARCH PROPOSAL AND WRITING 2 Credits

GEDS 912: ADVANCED RESEARCH DESIGN 2 Credits

SOSC 880: MPhil SEMINAR 3 Credits

This course is designed to teach students how to engage in critical research writing, especially bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. It also exposes students to how to write internationally acceptable articles on methodology and design as well as prepares the student toward meaningfully engaging in the process of writing the Dissertation. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

SOSC 890: MPhil DISSERTATION 8 credits

Independent study of a topic approved by the department under the supervision of a lecturer in the department. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the project work.

AGRI 900 ADVANCED BIBLICAL PRINCIPLES FOR SUSTAINABLE AGRICULTURE 3 Credits

The first profession in the Holy Bible is Agriculture (Gen. 3:17-19). It is an interdisciplinary occupation involving relationship in soil, nutrition, plant and animal production, pests and disease control, accounting and transactions, economics and sociology, engineering and cooperatives, project planning, appraisal and accountability corroborating the teaching of Jesus Christ in parables. There is dignity in labour and remuneration for the use labour, consumption and production theories. The course is designed for the integration of biblical teachings with norms and practices in Agriculture as a profession. The personal life of the students going into the world is also enhanced as the vanguard of change in the process of application of knowledge to the socio-economic advancement of life and food security. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

SOSC 903 SOIL CHEMISTRY AND NUTRIENT AVAILABILITY 2 Credits

The solid and liquid phases of the soil as related to the soil-plant system; soil colloids – types and importance in soil nutrient relations / availability to plant (mass flow, diffusion, interception, ion exchange complex etc); soil pH and acidity index.

SOSC 902 SOIL AND PLANT ANALYSIS 3 Credits

Soil and plant tissue sampling techniques; principles and methods of chemical analysis of soils, plants and fertilizers for available and total constituents; use of analytical instruments and techniques.

SOSC 912 SOIL PHYSICS**2 Credits**

Effect of soil physical properties on plant growth and other uses of soil; methods for determining texture, structure, consistence, bulk density, and soil temperatures; soil-water relationships, specific factors affecting infiltration, saturated flow, unsaturated flow; vapour transfer, water availability to plant and microbes as a function of matric and osmotic potentials, osmotic relationships in the soil solution, swelling pressures and evapotranspiration.

CRPT 961 AGRO CLIMATOLOGY**2 Credits**

Study of the climate near the ground in relation to crop production. Topics include: balance; heat balance, soil heat flux and soil temperatures; wind and turbulent transport; Atmospheric humidity, transpiration, evaporation and evapotranspiration; carbon dioxide balance and photosynthesis, improvement of water use efficiency; modification of the microclimate in crop production.

SOSC 911 SOIL GENESIS AND CLASSIFICATION**2 Credits**

Geologic weathering, a prelude to soil formation in the intertropical regions of Africa, soil development in various bioclimatic regions; criteria for characterizing and evaluating soil development; influences of geomorphology on soil evolution with particular reference to Nigeria; studies of soils of Africa and the world through major classification systems.

SOSC 924 STUDIES IN SOIL ORGANIC MATTER**2 Credits**

Sources, transformations and nutrient dynamics, conservation and characterization of organic matter, organo-metallic complexes; role of organic matter in soil productivity and physiology of microorganisms.

SOSC 922 SOIL MICROBIOLOGY AND BIOCHEMISTRY**2 Credits**

Principles of soil biochemistry, specifically in relation to soil components as potential energy source and electron acceptors and protoplasmic constituents; soil organic matter and factors affecting transformation in the soil; biochemistry of nutrients.

SOSC 931 TOPICAL RESEARCH**3 Credits**

Students prepare, present, and discuss Special topics in any aspect relating to their specialization

**SOSC 972 ADVANCED SOIL MANAGEMENT
AND CONSERVATION****3 Credits**

Theoretical Concept of Soil Management and Conservation. Soil Fertility and Fertility Indices. Soil Degradation Activities and Implications. Soil Management Activities. Soil Restoration and Basic Strategies/Methods.

**SOSC 970 A REVIEW ON SOIL DEGRADATION INDICES AND CULTURAL
RESTORATION STRATEGIES – SEMINAR I****4 Credits**

This review will cover definition of soil fertility and soil degradation indicating the indices and their adverse effects on soil quality and crop production

SOSC 977 SOIL PHYSICS AND CROP PRODUCTION**3 Credits**

Identification and Distribution of Selected Soil Physical Properties: Soil Texture, Structure, Bulk Density, Consistency etc. Soil Chemical and Biological Properties; Implications on Soil Productivity and Crop Production. Soil Hydrologic Cycle. Soil Water Statuses. Soil Water Availability to Plants.

SOSC 980 ORGANIC AGRICULTURE – SEMINAR II**4 Credits**

This review will discuss concisely the concept of organic agriculture or organic farming; organic agriculture will also be compared with inorganic based agriculture and the contributions of these

to crop production systems in Nigeria; issues on the concepts of conversion and certification of agricultural systems in relation to organic farming principles will also be investigated.

SOSC 990 THESIS

16 Credits

A thesis, showing evidence of ability to analyse a problem, set appropriate objectives, carry out research and write a useful, well documented paper. Student for the degree will submit a thesis based on original research work carried out during the course of the study. This thesis will be presented to the school audience in partial fulfillment of the requirements for the degree and in accordance with the university regulations. The thesis will be examined by external examiner and the final copies of the thesis submitted to the College of Postgraduate Studies. *The Thesis is to be registered for, over a four semester period.*

MASTER OF SCIENCE (M. SC) IN ANIMAL SCIENCE

Philosophy

Postgraduate studies in Animal Science are designed to produce leaders in Academia, government, and the commercial industries that are affiliated with the field of animal science. Candidates will be equipped with a sound theoretical and applied knowledge in animal production biotechnology, breeding, nutrition, growth and development in order to improve the various roles of animals for mankind.

Objectives

At the end of the programme, the students should be able to:

1. Demonstrate detailed knowledge and understanding of the different aspects to animal production and husbandry geared towards sustainable agriculture and food sufficiency
2. Develop disease and pest management strategies for livestock.
3. Identify useful genes from new or unique sources to improve animal nutritional quality, disease resistance, stress tolerance, conversion rates and commercial potential.
4. Formulate and evaluate appropriate policies to enhance animal production, protection and utilization.
5. Assume leadership role in academic, research, field and laboratory settings
6. Demonstrate ability to design and report a laboratory or field based research project and supply the relevant research skills while working within minimal supervision.
7. Show competence in communicating scientific findings.

Admission Requirements

Graduates (with B.Sc. Hons., B. Agric.) in Agriculture who meet minimum and other University requirements both at 'O' Level (5 Credit passes) and first degree with a minimum of Second Class Lower division). The Department reserves the right to order some candidates to take and pass selected undergraduate courses as non-scoring electives. Candidates may be required to satisfy a selection process.

Graduation Requirements

The MSc. Programme in Animal Science shall last for three semesters. Minimum CGPA for graduation: 3.00 on a scale of 5.00. It consists of course work and a Thesis. The minimum credit for graduation shall be 44 credit units. The summary of total course credits is as follows:

Course	Credit Units	
GEDS		3
Core		3
Electives	10	3
Dissertation	6 Total	3

COURSE CONTENT FOR MSC ANIMAL SCIENCE

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL REQUIREMENTS			
GEDS 801	Religion, Faith and Morality	2		
GEDS 802	Statistics		2	
	CORE COURSES			
AGRI 800	Biblical Principles for Sustainable Agriculture		3	
AGRY 801	Advanced Agricultural Statistics	3		
ANSC 811	Advanced Monogastric Animal Production	3		
ANSC 812	Recent Advances in Animal Nutrition		3	
ANSC 821	Advanced Animal Breeding	3		
ANSC 824	Feed Formulation and Feed Milling Practices		3	
ANSC 831	Animal Products and Processing	3		
ANSC 870	Seminar in Animal Science		3	
ANSC 8--	Electives*	4	6	
ANSC 890	Dissertation			6
	TOTAL = 44 Credits	18	20	6

* ELECTIVE COURSES (offered at 2 Credits each)

Each student, in consultation with the HOD and Departmental Coordinator, is to select TWO (2) elective courses in the first semester and THREE (3) in the second semester (totalling 5 elective courses in all), from the pool of Specialized Areas below.

ANSC 802	Advanced Ruminant Animal Production		2
ANSC 822	Computer Applications in Animal Science		2
ANSC 842	Advanced Instrumentation and Feed Analysis		2
ANSC 847	Advanced course in Carbohydrate, Protein, Lipids and Nucleic Acid Metabolism	2	
ANSC 851	Advanced Reproductive Physiology	2	
ANSC 852	Metabolism of Vitamins and Minerals		2
ANSC 861	Livestock Diseases and their Control	2	
ANSC 862	Quantitative Genetics		2
ANSC 871	Biotechnology in Animal Production	2	

Guide to Selecting the Elective Courses:

A. Animal Production and Management

- ANSC 802 Advanced Ruminant Animal Production
- ANSC 861 Livestock Diseases and their Control
- ANSC 871 Biotechnology in Animal Production
- ANSC 822 Computer Applications in Animal Science

B. Animal Nutrition

ANSC 842	Advanced Instrumentation and feed Analysis
ANSC 852	Metabolism of Vitamins and Minerals
ANSC 871	Biotechnology in Animal Production
ANSC 847	Advanced course in Carbohydrate, Protein, Lipids and Nucleic Acid Metabolism
ANSC 822	Computer Applications in Animal Science

C. Animal Breeding and Genetics

ANSC 862	Quantitative Genetics
ANSC 851	Advanced Reproductive Physiology
ANSC 871	Biotechnology in Animal Production
ANSC 822	Computer Applications in Animal Science

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 801: RELIGION, FAITH AND MORALITY	2 Credits
GEDS 802: STATISTICS	2 Credits

AGRI 800: BIBLICAL PRINCIPLES FOR SUSTAINABLE AGRICULTURE 3Credits

A study of biblical principles as they relate to agriculture and farming. Sustainable management of personal, corporate and natural resources as exemplified in the instruction given to the first family (Adam and Eve) and the rest of humanity. Project planning, appraisal and accountability as they corroborate the teachings and lifestyle of Jesus Christ. Poverty alleviation strategies through the practice of agriculture as it focuses on God's relationship, intention and provision for humanity. Dignity in labour and remuneration for use of labour, consumption and production theories. Social welfare theories as aligned with welfare principles of the apostolic church (pre and post Pentecost). *This Capstone Course MUST be cotaught by a host teacher and a teacher from the Department of Religious Studies.*

AGRY 801: ADVANCED AGRICULTURAL STATISTICS 3 Credits

Planning experiments. Ways of increasing accuracy of Experiments. Experimental designs and analysis of data. Models of analysis variance. Variance and covariance analysis. Orthogonal contrast. Correlation, Linear and non- linear regression. Use of packaged computer program for data analysis (SAS, SPSS, MS-EXCEL, etc). Integrity and honesty in data generation, analysis and reporting.

ANSC 802: ADVANCED RUMINANT ANIMAL PRODUCTION 3 Credits

Establishment of Dairy and Beef cattle, Sheep and Goats enterprises. Production systems for the different ruminant animal species. Breeding, feeding, housing management systems and health care. Record keeping, judging and selection.

ANSC 811: ADVANCED MONOGASTRIC ANIMAL PRODUCTION 3 Credits

Establishment of Poultry, Pig and Rabbit enterprises. Production systems and techniques for the different monogastric animal and mini-livestock species. Breeding, feeding, housing and health care. Record keeping, judging and selection.

ANSC 812: RECENT ADVANCES IN ANIMAL NUTRITION 3 Credits

Swine: Physiology of swine G.I.T. Feeding standards for swine. Requirements for temperate and tropical environments. Exhaustive consideration of feedstuffs for swine feeding their chemical composition nutritive value and toxicity. Alternative feeding for swine. Determination of nutritive value of ingredients for Dietary Energy, Metabolizable Energy, protein quality, digestibility trials. Planning nutritional research for swine.

ANSC 821: ADVANCED ANIMAL BREEDING 3 Credits

Theoretical basis of animal improvement programmes: Population structure, design of breeding programmes and repeated measurements. (Variance components, heritability and repeatability estimate). Predictions of breeding values, selection indices, BLUP, Performances and progeny testing, Generations intervals, Dissemination of improvement, Genes and genotype and environmental interaction, prediction and evaluation of genetic changes, Breed evaluation. Tutorials: Problems and applications are discussed in tutorial sessions.

ANSC 822: COMPUTER APPLICATIONS IN ANIMAL SCIENCE 3 Credits

An introduction to computers; software and hardware. Introduction to various statistical analytical packages (e.g. SAS, GENSTAT, SPSS, SYSTAT e.t.c.). Data coding, entry and editing. Data analysis using various computer application programmes.

ANSC 831: ANIMAL PRODUCTS AND PROCESSING 3 Credits

Preparation for slaughtering, evisceration and dressing; care of carcass and its cuts; processing and care of hides, skin and wool. Processing and storage of meat and milk; milk processing and microbiology; milk hygiene. Egg quality and grading; chemistry and nutritive value of meat and eggs. Marketing and distribution of animal products.

Poultry: Feed resources and nutrient quality of ingredient for poultry. Feeding standard/NRC requirement for all classes and species of poultry. Method for metabolic studies and determination of protein utilization and quality of protein utilization by poultry. Importance of vitamins and minerals for poultry and associated deficiency symptoms.

Rabbit: Physiology of G.I.T. caprophagy in rabbits and its implications. Protein and energy allowances for rabbits. Feeding resources. Feed formulation and feed compounding. Determination of nutritive value of feedstuffs. Planning nutritional research.

ANSC 842: ADVANCED INSTRUMENTATION AND FEED ANALYSIS 2 Credits

Use of various instruments in the analysis of feeds, techniques of chromatography, spectrophotometer, electrophoretic methods, calorimeters, calorimeters, thiorimeters, fermentation vats, etc. Recent advances in instrumentation.

ANSC 847: ADVANCED COURSE IN CARBOHYDRATE, PROTEINS, LIPIDS AND NUCLEIC ACID METABOLISM 2 Credits

Current concepts in lipid and carbohydrate digestion, absorption and metabolism in farm animals. Disturbances in carbohydrate and lipid metabolism in farm animals. Biosynthesis and utilization of amino acids, nucleic acids and their precursors. The role of nucleic acids in protein synthesis, structure and functions. Disturbances in proteins and nucleic acid metabolism in farm animals.

ANSC 851: ADVANCED REPRODUCTIVE PHYSIOLOGY 2 Credits

Theories of sex determination, sex differentiation, post-natal sexual development. Oogenesis, ovum physiology and sperm output. Predetermination of sex, embryo sexing, ovarian and estrous cycles, corpus luteum formation, hyperphysical regulation of luteum function, corpus luteum

capacitating, implementation, gestation, material recognition of pregnancy. Metabolic changes during pregnancy role of the maternal hormones during pregnancy. Role of the fetal pituitary – adrenal axis in parturition. Parturition induction, artificial control of parturition, postpartum physiology. Material behaviour and neonatal survival. Presentation of physiology-discussion of key research papers in reproductive biology.

ANSC 852: METABOLISM OF VITAMINS AND MINERALS 2 Credits

Chemistry of vitamins and minerals. Function of vitamins and minerals in the metabolism and physiology of farm animals and their deficiency symptoms. Inter-relationships between vitamins and minerals.

ANSC 861: LIVESTOCK DISEASES AND THEIR CONTROL 2 Credits

Causative agents of livestock diseases; viruses, bacteria, fungi, mycoplasma, protozoa, endo- and ecto-parasites. Diseases of different livestock species, causes, symptoms, prevention, control and treatment. Nutritional deficiencies and metabolic disorders

ANSC 862: QUANTITATIVE GENETICS 2 Credits

Frequencies of genes and genotypes; quantitative treatment of changes of gene frequencies. Sampling from small populations; values and means, variances. Resemblance between relatives; heritability, repeatability; selection response and its prediction. Inbreeding and Crossbreeding. Threshold correlated characters

ANSC 870: SEMINAR IN ANIMAL SCIENCE 3 Credits

There would be seminar presentation on any topic of interest in Animal science. The topics are to be chosen by the student in consultation with the student's supervisor. The seminar would be assessed by all lecturers in the department

ANSC 871: BIOTECHNOLOGY IN ANIMAL PRODUCTION 2 Credits

Gene/chromosomes: Structures and functions, Role of genes in animal genetics, quantitative heredity, Basic Mendelian genetics and molecular basis of inheritance. Animal cell and tissue culture, Maturation of oocytes, in-vitro oocytes fusion, cloning, species hybridization, interspecies embryo transfer, DNA Sequences, blood group analysis and genetic polymorphism, Electrophoresis techniques, Genes and genetic markers, linkage mapping by recombination, mapping and map distances, chi-square test, mitotic segregation and recombination, analysis of single meiosis, sex chromosome and sex linkages.

ANSC 890: DISSERTATION 6 Credits

A dissertation, showing evidence of ability to analyse a problem, set appropriate objectives, carry out research and write a useful, well documented paper, is required.

MASTER OF PHILOSOPHY (MPhil) ANIMAL SCIENCE

COURSE CONTENT FOR MPhil Animal Science

COURSE CODE	COURSE TITLE	First Year		Second Year	
		1 st Sem	2 nd Sem	1 st Sem	2 nd Sem
	GENERAL COURSES				
GEDS 901	Personal and Family Wholeness	2	-		
GEDS 902	Advanced Statistics	-	2		
GEDS 911	Research Proposal and Writing	2	-		
GEDS 912	Advanced Research Design	-	2		
	CORE COURSES				
AGRI 901	Design and Analysis of Experiments	3			
ANSC 902	Project Research Planning and Execution		3		
ANSC 903	Topical Research	3			
ANSC 972	Farm Animal Welfare and Ethics		3		
ANSC 9--	Elective Courses*	4	4		
ANSC 880	MPhil Seminar			3	
ANSC 890	MPhil Dissertation			(8)	8
	TOTAL = 39 Credits	14	14	3	8

** See the list of Elective Courses under the PhD programme.*

DOCTOR OF PHILOSOPHY (PhD) ANIMAL SCIENCE

PHILOSOPHY

Postgraduate training programs in animal science are designed to produce leaders in Academia, government, and the commercial industries that are affiliated with the field of animal science. Candidates will be equipped with a sound theoretical and applied knowledge in animal production biotechnology, breeding, nutrition, growth and development in order to improve the various roles of animals for mankind.

Objectives

At the end of the programme, the students should be able to:

1. Demonstrate detailed knowledge and understanding of the different aspects to animal production and husbandry geared towards sustainable agriculture and food sufficiency.
2. Develop disease and pest management strategies for livestock.
3. Identify useful genes from new or unique sources to improve animal's nutritional quality, disease resistance, stress tolerance, conversion rates and commercial potential.
4. Formulate and evaluate appropriate policies to enhance animal production, protection and utilization.
5. Assume leadership role in academic, research, field and laboratory settings.
6. Demonstrate ability to design and report a laboratory or field based research project and supply the relevant research skills while working within minimal supervision.
7. Show competence in communicating scientific findings.

ADMISSION REQUIREMENT

(a) Introduction:

The programme is intended for candidate wishing to do post-graduate research in the areas of animal nutrition (non ruminant and ruminant), environmental physiology, genomics and genetics, meat science, growth and development and animal management. The duration of the programme is a minimum of 6 semesters and a maximum of 8 semesters for full time student, minimum of 8 semesters and maximum of semesters 10 semesters for students in the elongated semester module.

The Ph. D programme is open only to candidates having M.Sc in Animal Science or equivalent with a weighted average grade of 60%. The catchment areas for candidates include all the states of the federation of Nigeria and other countries world-wide.

(b) Requirements for Graduation:

The doctoral degree requires a minimum work load of 63 credit units distributed as follows.

<u>Course</u>	<u>Units</u>
GEDS	8
Seminar	6
Core Courses	18
Elective Courses	8
Thesis	16
Total	56

Each student will be assigned a major adviser/supervisor in accordance with the nature of the student's thesis research interest and time availability of the post graduate facility. A supervisory committee shall consist of 3 supervisors for each student, one of which shall be designated the main supervisor.

COURSE CONTENT FOR PHD ANIMAL SCIENCE

	COURSE TITLE	First Year		Second Year		Third Year	
COURSE CODE		1 st Sem	2 nd Sem	1 st Sem	2 nd Sem	1 st Sem	2 nd Sem
	GENERAL COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 902	Advanced Statistics		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
AGRI 900	Advanced Biblical Principles for Sustainable Agriculture			3			
AGRI 901	Design and Analysis of Experiments	3					
ANSC 902	Project Research Planning and Execution		3				
ANSC 903	Topical Research	3					
ANSC 970	Special Topics in Animal Science –Seminar I			4			
ANSC 972	Farm Animal Welfare and Ethics		3				
ANSC 973	Genetic Parameters Estimation and Livestock Improvement Methods			3			
ANSC 980	Recent Advances in Artificial Insemination – Seminar II				4		
ANSC 9--	Elective Course*	4	4				
ANSC 990	Thesis			4	4	4	4
	TOTAL = 58 Credits	14	14	14	8	4	4

** Each student is to take two (2) elective courses in the first and second semesters (totalling 4 elective courses in all) from the pool of elective courses below, in consultation with the HOD and Departmental PG Coordinator.*

ELECTIVE COURSES							
ANSC 912	Application of Biotechnology in Animal Science		2				
ANSC 921	Recent findings in Animal Nutrition	2					
ANSC 922	Recent findings in Animal Breeding		2				
ANSC 931	Livestock Farming Systems	2					
ANSC 932	Climate and Livestock Production		2				
ANSC 941	Growth and Development of Meat Animals	2					
ANSC 942	Ethical Issues in Animal Science		2				

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 901: PERSONAL AND FAMILY WHOLENESS 2 Credits

GEDS 902: ADVANCED STATISTICS 2 Credits

GEDS 911: RESEARCH PROPOSAL AND WRITING 2 Credits

GEDS 912: ADVANCED RESEARCH DESIGN 2 Credits

ANSC 880: MPHIL SEMINAR 3 Credits

This course is designed to teach students how to engage in critical research writing, especially bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. It also exposes students to how to write internationally acceptable articles on methodology and design as well as prepares the student toward meaningfully engaging in the process of writing the Dissertation. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

ANSC 890: MPHIL DISSERTATION 8 credits

Independent study of a topic approved by the Department under the supervision of a lecturer in the department. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the project work.

AGRI 900: ADVANCED BIBLICAL PRINCIPLES FOR SUSTAINABLE AGRICULTURE 3 Credits

Highlights of biblical projections of agriculture as a profession from creation to the new earth. Agriculture as an interdisciplinary occupation involving relationship in soil, nutrition, plant and animal production, pests and disease control, accounting and transactions, economics and sociology, engineering and cooperatives, project planning, appraisal and accountability corroborating the teaching of Jesus Christ in parables. Agriculture as a tool for fostering dignity in labour and remuneration for the use of labour. Emphasis on biblical teachings on the abovementioned subjects. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

AGRI 901: DESIGN AND ANALYSIS OF EXPERIMENTS 3 Credits

Review of the analysis of variance and randomized complete block design, nested design, incomplete block (lattice) designs; Analysis of covariance, partial and multiple regression and correlations, matrices and regression.

ANSC 902: PROJECT RESEARCH PLANNING AND EXECUTION 3 Credits

Planning and development of research project pro. Implementation of research protocols, administration, sourcing for and management of research fund.

ANSC 903: TOPICAL RESEARCH 3 Credits

Student prepares, present and discuss special topics in any aspect relating to their specialization.

**ANSC 912: APPLICATION OF BIOTECHNOLOGY
IN ANIMAL SCIENCE**

2 Credits

Strategies and application of DNA\RNA based methodologies – animal production systems and animal research programs. Genetically Modified Organisms (GMOs) in Agriculture. Options and Opportunities for application of biotechnologies in Animal Production.

ANSC 921: RECENT FINDINGS IN ANIMAL NUTRITION

2 Credits

Recent advances in the nutrition of domestic animals. In-depth coverage of nutrients, nutrient metabolism and nutrient requirements. Biochemical and physiological functions of nutrients in life processes

ANSC 922: RECENT FINDINGS IN ANIMAL BREEDING

2 Credits

Application of genetic principles to animal breeding. Critical examination of current and potential selection programmes and crossbreeding systems. Determination of performance objectives. Expected response to selection methods and dissemination of improvement in livestock industry.

ANSC 931: LIVESTOCK FARMING SYSTEMS

2 Credits

Types and characteristics of livestock farming/ production systems with emphasis on Nigeria. Concept, methodology and applicability of livestock farming systems. Small holder livestock production systems in Africa with particular emphasis on Nigeria.

ANSC 932: CLIMATE AND LIVESTOCK PRODUCTION

2Credits

Acclimatization and adaptation; physiological basis of adaptation. Heat stress and physiological response to heat. Heat stress index. Modification of the micro climate to enhance animal productivity. Management of exotic animal in tropical environment.

ANSC 941: GROWTH AND DEVELOPMENT OF MEAT ANIMALS

2 Credits

Growth and development of livestock animals with emphasis on the prenatal and postnatal differentiation and development of skeletal muscle, bone and adipose tissue. Classical concepts of animal growth discussed along with the genetic, hormonal and nutritional factors that affect growth

ANSC 942: ETHICAL ISSUES IN ANIMAL SCIENCE RESEARCH

2 Credits

Ethics and issues in animal science research such as animal welfare, animal rights, and animal liberation. The ethics and philosophies underlying human/animal relations. Assessment of animal welfare using knowledge of animal health, productivity, physiology and behaviour. Review of the controversies and current issues relating to the use of animals in research. Evaluation of the impact of current and future legislations on animal use in research and management practices.

ANSC 970: SPECIAL TOPICS IN ANIMAL SCIENCE - SEMINAR I

4 Credits

There would be seminar presentation on any special topic of interest in Animal science. The topics are to be chosen by the student in consultation with the student's supervisor. The seminar would be assessed by all lecturers in the Department

ANSC 972: FARM ANIMAL WELFARE AND ETHICS

3 Credits

Welfare Concepts and Assessment. Physiological indicators of welfare. Law and animal welfare. Farm animal welfare. Diseases related to animal housing. Effects of routine surgical procedures. Companion animal welfare issues Principles of ethics in relation to animal use. Code of conduct in animal experimentation.

**ANSC 973: GENETIC PARAMETERS ESTIMATION
AND LIVESTOCK IMPROVEMENT METHODS 3 Credits**

Inheritance of quantitative traits. Models of inheritance. Estimation of heritability and repeatability using different designs. Correlated characters. Estimation of genetic parameters and application of genetic distance. Breeding value estimation: Selection methods, Selection Index and Best Linear Unbiased Prediction (BLUP) & Animal models. Breeding methods and consequences for multiple & correlated traits: Improvement of farm animals. Breed development and simulation in selection.

**ANSC 980: RECENT ADVANCES IN ARTIFICIAL
INSEMINATION – SEMINAR II 4 Credits**

Student prepares, and presents recent advances in the area of artificial insemination. The topics are to be chosen by the student in consultation with the student's supervisor. The seminar would be assessed by all lecturers in the Department.

ANSC 990: THESIS 16 Credits

A thesis, showing evidence of ability to analyse a problem, set appropriate objectives, carry out research and write a useful, well documented paper. Student for the degree will submit a thesis based on original research work carried out during the course of the study. This thesis will be presented to the school audience in partial fulfilment of the requirements for the degree and in accordance with the university regulations. The thesis will be examined by external examiner and the final copies of the thesis submitted to the College of Postgraduate Studies. *The Thesis is to be registered for, over a four semester period.*

MASTER OF SCIENCE (M. SC) IN AGRICULTURAL ECONOMICS

PHILOSOPHY

Post graduate studies in Agricultural Economics are designed to further develop the spirit of enquiry in the graduate students through training in research in an atmosphere of intellectual independence and individual creativity. Candidate will be equipped with a sound theoretical and applied knowledge in Agricultural Economics and the various subdivisions in the field in order to fit into Academics, government and the commercial industries.

AIMS/OBJECTIVES

At the end of the programme, the students should be able to:

1. Demonstrate detailed knowledge and understanding of the different aspects of Agricultural Economics and management which are geared towards sustainable agriculture and food sufficiency
2. Formulate and evaluate appropriate research policies
3. Assume leadership role in academic and research institutions while working within minimal supervision.
4. Show competence in communicating scientific findings.

RATIONALE/JUSTIFICATION

The postgraduate programme in Agricultural economics is well compatible with the development orientation of Babcock University. Agricultural economics is a field that is highly relevant internationally and also to the Nigeria economy and society. As a professional programme, our students will learn to think independently and creatively, refine their communication skills and develop their ability to work as members of a team. Our trainees will also be equipped so as to be well adapted for self-employment, job creation as well as meet the manpower needs of Research Institutes, Polytechnics, Colleges Education and Universities.

The number and quality of academic staff presently available in the Department and other

Departments at Babcock University is adequate to run the postgraduate programme. Additional hands may however be needed and adequately sought for as the programme progresses.

ADMISSION REQUIREMENT

Graduates (with B.Sc. Hons/B.Agric) in Agriculture who meet minimum and other University requirements both at O' level (5 Credit passes) and first degree (minimum of second class division). The Department reserves the right to order some candidates to take and pass selected undergraduate courses as non-scoring electives. Candidates may be required to satisfy a selection process.

GRADUATION REQUIREMENT

The M.Sc. Programme in Agricultural Economics shall last for 3 semesters. Minimum CGPA for graduation: 3.00 on a scale of 5.00. Programme consists of course work and a research dissertation. The minimum credit for graduation shall be 42 credit Units.

Course	Credit Units
GEDS	4
Core	24
Electives	8
Dissertation	6
Total	42

COURSE CONTENT FOR M.SC AGRIC ECONOMICS

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL COURSES			
GEDS 801	Religion, Faith and Morality	2		
GEDS 802	Statistics		2	
	CORE COURSES			
AGRI 800	Biblical Principles for Sustainable Agriculture		3	
AGEM 803	Statistical Theory and Analysis	3		
AGEM 843	Applied Micro-Economic Theory in Agriculture	3		
AGEM 864	Macro-Economic theory – Agricultural Perspective		3	
AGEM 865	Research Methods in Agricultural Economics	3		
AGEM 866	Application of Quantitative Techniques in Agriculture		3	
AGEM 867	Advanced Econometrics in Agricultural Economics	3		
AGEM 870	Seminar in Agricultural Economics		3	
AGEM ---	Elective Courses*	4	4	
AGEM 890	Dissertation			6
	TOTAL = 42 Credits	18	18	6

** Students are required to take four (4) elective courses (two in 1st and 2nd semesters respectively) from the pool of elective courses below guided by the HOD and Departmental PG Coordinator. All elective courses are offered at 2 credits each.*

ELECTIVE COURSES

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem
AGEM 814	Computer Applications in Agriculture		2
AGEM 831	Production Economics	2	
AGEM 832	Resource Economics		2
AGEM 841	International Agricultural Trade	2	
AGEM 842	Farm Management and Finance		2
AGEM 851	Agribusiness Analysis and Management	2	
AGEM 852	Agricultural Marketing and Cooperatives		2
AGEM 861	Agricultural Development and Policy	2	
AGEM 862	Project Appraisal and Planning		2

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 801 RELIGION, FAITH AND MORALITY 2 Credits

GEDS 802 STATISTICS 2 Credits

AGRI 800 BIBLICAL PRINCIPLES FOR SUSTAINABLE AGRICULTURE 3 Credits

A study of biblical principles as they relate to agriculture and farming. Sustainable management of personal, corporate and natural resources as exemplified in the instruction given to the first family (Adam and Eve) and the rest of humanity. Project planning, appraisal and accountability as they corroborate the teachings and lifestyle of Jesus Christ. Poverty alleviation strategies through the practice of agriculture as it focuses on God's relationship, intention and provision for humanity. Dignity in labour and remuneration for use of labour, consumption and production theories. Social welfare theories as aligned with welfare principles of the apostolic church (pre and post Pentecost). *This Capstone Course MUST be cotaught by a host teacher and a teacher from the Department of Religious Studies.*

AGEM 803 STATISTICAL THEORY AND ANALYSIS 3 Credits

Markov chains, probability functions and probability laws, expectation of functions; random variables – independent and joint distributions and their expectations, central limit theory; analysis of variance; multiple comparisons and economic application of stochastic processes.

AGEM 814 COMPUTER APPLICATIONS IN AGRICULTURE 2 Credits

Introduction to techniques of computer programming, the nature and structure of computer oriented techniques for data handling.

AGEM 831 PRODUCTION ECONOMICS 2 Credits

Theories of production, agricultural production function; resources returns in agriculture; agricultural cost and supply function; optimization of production and farm equilibrium under uncertainty; efficiency and innovation in agriculture. Fixed asset theory, dynamics and technical change, farm planning and linear programming.

AGEM 832 RESOURCE ECONOMICS**2 Credits**

Substantive scope and disciplinary context of resource economics; organisation for resource decisions; institutional considerations in resource economics; payments to agricultural resource inputs; theoretical base for rationality in agricultural resource allocation. Micro economics of forest resource management, with emphasis on non-market benefits from the forest. Advantages and disadvantages of alternative models for estimating recreation, wildlife and other non-market benefits.

AGEM 841 INTERNATIONAL AGRICULTURAL TRADE**2 Credits**

Introduction to theories of international trade-classical, modern principle of trade-off curves and terms of trade. Principles of comparative advantage and its limitations. A study of Nigerian agricultural trade and relationship to the developed and less developed countries with emphasis on marketing problems for agricultural productions. Theory of tariffs. Theory of economic integration. International finance, balance of payment theory, international monetary system and institutions.

AGEM 842 FARM MANAGEMENT AND FINANCE**2 Credits**

Application of Concepts and tools of farm business management in farm planning and farm management; business analysis and planning, interpretation and use of information for decision making in organizing and operating farm business to achieve goals; planning under risk and uncertainty, farm finance and appraisal, capital requirements in Agriculture; Principles of financial Management. Cost-Benefit Analysis, time value of money.

AGEM 851 AGRIBUSINESS ANALYSIS AND MANAGEMENT**2 Credits**

The application of economic theory and management principles of the agribusiness from: Capital use and investment appraisal (private and public) financial management, business growth, farm-planning techniques, and simulation in decision making.

AGEM 852 AGRICULTURAL MARKETING AND CO-OPERATIVES**2 Credits**

Agricultural marketing theory, concepts and models; marketing functions; processing and transportation models, marketing institutions-cooperation-cooperatives, marketing boards and others; market structure, conduct and performance; cost prices; marketing margins, efficiency, extension; market planning and programmes. Agricultural trade and price analysis. Concepts underlying agricultural specialization and trade. Spatial and behavioural price analysis, impact of trade controls and commodity agreements.

AGEM 861 AGRICULTURAL DEVELOPMENT AND POLICY**2 Credits**

Theory of economic development; policies for economic development and characteristics of economically less developed countries and areas; analytical and historical treatment of governmental policies and programmes affecting Nigeria agriculture; agricultural development; evaluation of agricultural policy in a development economy; comparative agricultural development; individual country studies and seminars. Agricultural planning and project appraisal as related to agricultural development.

AGEM 862 PROJECT PLANNING AND MANAGEMENT IN AGRICULTURE**2 Credits**

Meaning of projects appraisal, relationship between appraisal and planning; The distinction between financial and economic appraisal; the tools of project analysis; the arithmetic of project appraisal; issues in the appraisal of agricultural projects, the case for planning agricultural development, the formulation of agricultural plan & implementation.

AGEM 843 APPLIED MICRO-ECONOMIC THEORY IN AGRICULTURE**3Credits**

Applied Micro-Statics, Micro Economic, price and distribution, production theories and the theory of consumer behaviour in agriculture. General equilibrium analysis, factor market

equilibrium, economic exchange theory and the Fundamentals of welfare economics relevant to agricultural system.

**AGEM 864 MACRO-ECONOMIC THEORY
 – AGRICULTURAL PERSPECTIVE**

3 Credits

The mechanics of national income determination, consumption demand; demand for money investment demand; classical price level determination; Keynesian employment; wage price dynamics, and growth theories (application to agriculture), theories of technical progress, welfare theory the macro and disaggregated general equilibrium system.

AGEM 865 RESEARCH METHODS IN AGRICULTURAL ECONOMICS

3 Credits

Steps in research process and application; science and the scientific method; delineation of research problems and development of research objectives; research designs in social research (Using case study from agriculture); data generation, data analysis and result reporting.

**AGEM 866 APPLICATION OF QUANTITATIVE TECHNIQUES IN
 AGRICULTURE**

3 Credits

Linear, non-linear, dynamic and integer programming, network analysis, Inventory and Production Control in agriculture, Decision Analysis, transportation models, replacement models, queueing models. Input-output analysis, simulation and system analysis. Note: Application of these models to agriculture should be emphasis

AGEM 867 ADVANCED ECONOMETRICS IN AGRICULTURAL ECONOMICS

3 Credits

Basic concepts of statistical inference; simple linear regression model. Violation of basic OLS assumptions. Consequences and remedies. Multiple regression and correlation. Single equation problems. Formulation and estimation of special models, distributed lag models with binary variables, Generalized least squares. Simultaneous equation systems, social problem areas and seminar. (As applied to agriculture)

AGEM 870 SEMINAR IN AGRICULTURAL ECONOMICS

3 Credits

Reading and Preparation of selected report; Critique of given publications: select a topic in agricultural economics and write it up as an article for publication

AGEM 890 DISSERTATION

6 Credits

A dissertation, showing evidence of ability to analyse a problem, set appropriate objectives, carry out research and write a useful, well documented paper, is required. The dissertation will be presented to the student's major supervisor who will return a grade for the report.

MASTER OF PHILOSOPHY IN AGRICULTURAL ECONOMICS

Course Content and Description (synopsis) for MPhil. Agricultural Economics

COURSE CODE	COURSE TITLE	First Year		Second Year	
		1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES				
GEDS 901	Personal and Family Wholeness	2			
GEDS 902	Advanced Statistics		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
AGEM 901	Statistics and Sampling Methods	3			
AGEM 918	Advanced Macro Economic Theory		3		
AGEM 913	Advanced Micro Economic Theory	3			
AGEM 972	Advanced Application of Quantitative Techniques in Agriculture		3		
AGEM 9--	Electives Courses*	4	4		
AGEM 880	MPhil Seminar			3	
AGEM 890	MPhil Dissertation			(8)	8
	TOTAL = 39 Credits	14	14	3	8

* See the list of Elective Courses under the PhD programme.

DOCTOR OF PHILOSOPHY (PhD) IN AGRICULTURAL ECONOMICS

ADMISSION REQUIREMENT

The Ph.D programme is open to candidate having M.Sc. in Agricultural Economics, Agribusiness and farm management or its equivalent from a recognized University with a weighted average grade of 60% or a CGPA of 4.0 (on a 5.0 scale). Candidate who complete the M.Phil degree in a recognized University are also eligible for Ph.D. Entry consideration to be considered on its own merit.

GRADUATION REQUIREMENT

The duration of the programme is a minimum of 6 semester and maximum 8 semester for full time students; minimum of 8 semesters and maximum of 10 semesters for the elongated semester students. The doctoral programme requires a minimum work load of 56 credit units. Each student will be assigned a major adviser/supervisor by the Head of Department in accordance with the nature of the student's thesis research interest and time availability of the post graduate facility. A supervisory committee shall consist of 3 supervisors for each student, one of which shall be designated the main supervisor. Candidates shall be required to present pre-field and post-field seminars in addition to an oral examination before an external assessor.

<u>Course</u>	<u>Units</u>
GEDS	8
Seminar	8
Core Courses	18
Elective Courses	8
Thesis	16
Total	58

COURSE CONTENT FOR PHD. AGRICULTURAL ECONOMICS

		First Year		Second Year		Third Year	
COURSE CODE	COURSE TITLE	1 st Sem	2 nd Sem	1 st Sem	2 nd Sem	1 st Sem	2 nd Sem
	GENERAL COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 902	Advanced Statistics		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
AGRI 900	Advanced Biblical Principles for Sustainable Agriculture			3			
AGEM 901	Statistics and Sampling Methods	3					
AGEM 918	Advanced Macro Economic Theory		3				
AGEM 913	Advanced Micro Economic Theory	3					
AGEM 965	Applied Econometric Methods in Agric Analysis			3			
AGEM 970	Seminar I: Economic Development and Policies in Nigeria			4			
AGEM 980	Seminar II: Agro-Industry Analysis and Agribusiness Promotion				4		
AGEM 972	Advanced Application of Quantitative Techniques in Agriculture		3				
AGEM 9--	Elective Courses*	4	4				
AGEM 990	Thesis			4	4	4	4
	TOTAL = 56 Credits	14	14	14	8	4	4

* Students are to select two (2) elective courses in the 1st and 2nd semesters of the first year (totaling 4 elective courses in all) from the pool of elective courses below, guided by the HOD and Departmental PG Co-ordinator. All elective courses below are offered at 2 credits each.

ELECTIVE COURSES

COURSE CODE	COURSE TITLE	1 st Sem	2 nd Sem
AGEM 911	Farm Decision Theory	2	
AGEM 912	Advanced Production Economics		2
AGEM 921	Advanced Resource Economics	2	
AGEM 922	Advanced Agribusiness Management		2
AGEM 931	Marketing Management	2	
AGEM 932	Cooperative Business		2
AGEM 941	Agricultural Administration	2	

COURSE DESCRIPTION

See pages 35-36 for the Descriptions of GEDS courses

GEDS 901:	PERSONAL AND FAMILY WHOLENESS	2 Credits
GEDS 902:	ADVANCED STATISTICS	2 Credits
GEDS 911:	RESEARCH PROPOSAL AND WRITING	2 Credits
GEDS 912:	ADVANCED RESEARCH DESIGN	2 Credits

AGEM 880: MPHIL SEMINAR 3 Credits

This course is designed to teach students how to engage in critical research writing, especially bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. It also exposes students to how to write internationally acceptable articles on methodology and design as well as prepares the student toward meaningfully engaging in the process of writing the Dissertation. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

AGEM 890: MPHIL DISSERTATION 8 credits

Independent study of a topic approved by the department under the supervision of a lecturer in the department. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the project work.

AGRI 900 ADVANCED BIBLICAL PRINCIPLES FOR SUSTAINABLE AGRICULTURE 3 Credits

Highlights of biblical projections of agriculture as a profession from creation to the new earth. Agriculture as an interdisciplinary occupation involving relationship in soil, nutrition, plant and animal production, pests and disease control, accounting and transactions, economics and sociology, engineering and cooperatives, project planning, appraisal and accountability corroborating the teaching of Jesus Christ in parables. Agriculture as a tool for fostering dignity in labour and remuneration for the use of labour. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

AGEM 901 STATISTICS AND SAMPLING METHODS 3 Credits

Markov chains, probability random variable – independent and joint distributions and their expectation: central limit theory; analysis of variance; multiple comparisons; economic application of stochastic processes. Principle of sampling theory as developed for use in sample surveys, Probability and non-probability vis simple random sampling, cluster sampling and stratified, purposive and multistage sampling. Source of error in surveys and applications of sampling in some selected specialized surveys.

AGEM 918 ADVANCED MACRO ECONOMICS THEORY 3 Credits

Presentation of the main body of aggregative economic theory, including theory of money, capital, general equilibrium dynamic process, and growth.

AGEM 911 FARM DECISION THEORY**2 Credits**

Probability concepts for farm decisions: decisions involving expected values; classes of farm decision process; treatment of decision alternatives, multiple criterion weighting; applications to tree-crop farms; application to field crop farm; fishery products and forestry.

AGEM 912 ADVANCED PRODUCTION ECONOMICS**2 Credits**

Theories and methods in agricultural production economics, static production and relevant empirical studies, single and multiple production in farm business; dynamic production theory, poly-period production; aggregate problems in production analysis; supply functions and responses; production and investment analyses, location and spatial structure of agricultural production and the use of input-output models, growth of the firm, specific farm production analyses and wildlife management, secondary production analyses and their economic problems, processing of agricultural products, case studies of Nigerian peasant farming, plantations and commercial farming systems.

AGEM 913 ADVANCED MICRO ECONOMICS THEORY**3 Credits**

Monopoly in theory and practice; duopoly, oligopoly, monopsony, duopsony and oligopsony; pareto optimality and the efficiency of imperfect and perfect competition; taxes, subsidies and social welfare functions.

AGEM 921 ADVANCED RESOURCES ECONOMICS**2 Credits**

Analytical framework for demand and supply of farm resources; planning for farm resources, development and uses; shadow pricing and some technical aspects of farm resources development and uses; farm resources developments with special emphasis on irrigation water; agricultural and agricultural land taxation and water pricing efficiency.

AGEM 922 ADVANCED AGRIBUSINESS MANAGEMENT**2 Credits**

Scope and methods of agribusiness management. Organizational pattern and criteria for organizational effectiveness. Planning and decision making and the use of operations management techniques in agribusiness research and case studies.

AGEM 931 MARKETING MANAGEMENT**2 Credits**

Integrated analysis of major marketing decisions including product pricing, advertising, distribution and sales policies. Marketing analysis with emphasis on the management of new product, ventures, personal selling, and marketing information systems. Application of statistical and other quantitative concepts to marketing management problems.

AGEM 932 ADVANCED COOPERATIVE BUSINESS MANAGEMENT**2 Credits**

Theory, principles and philosophy of cooperation; cooperatives as a form of business organization. Historical cooperative development and the place of cooperatives in various cooperative movement. The importance of cooperation.

AGEM 941 AGRICULTURAL ADMINISTRATION**2 Credits**

Basic theories of administration. Demands of administration, principles of agricultural administration under different agrarian systems; agricultural production institutions; agricultural distribution institutions; comparative administrative policies; administration; and agricultural development dynamics, commodity administration; research administration; rural administration; government and agricultural administration; administrative finance and control.

AGEM 942 NIGERIAN GOVERNMENT AND AGRICULTURE**2 Credits**

The age of laissez-faire, government intervention in agriculture, agricultural development plans, food policies- past and present, evaluation of the current alternatives for agricultural resources mobilization. Planning tools and techniques for agricultural resources allocation.

AGEM 951 MATHEMATICAL PROGRAMMING**2 Credits**

Algebra of linear inequalities and duality; graphical technique, general and special algorithms, discrete, stochastic non-linear and dynamic programming, duality and economic interpretation, computer programming

**AGEM 965 APPLIED ECONOMETRIC METHODS
IN AGRIC ANALYSIS****3 Credits**

Approaches to estimation and inference that are most often used in econometrics: Matrix-based approach to the construction of statistical economic models, estimation of model parameters, and econometric inference. Multiple hypothesis tests, prediction, and general error structures; OLS, GLS, and Gauss-Markov theorem, multicollinearity, autocorrelation, heteroscedasticity, nonlinear estimators, distributed lags, errors in variables, instrumental variable estimators, choice models; Introduction to simultaneous equation models; Identification problem and alternative methods of estimating parameters; Recent developments in econometrics that allow one to overcome some of the shortcomings in using the standard approaches to estimation.

Note: Generally, students will critique selected literature paying attention to econometrics techniques used. At the end, students are expected to write up an article for presentation

**AGEM 970 SEMINAR I: ECONOMIC DEVELOPMENT
AND POLICIES IN NIGERIA****4 Credits**

Student will review and appraise specific aspects of economic development and policies relating to agriculture in Nigeria. This review will be presented in a departmental seminar allowing for interaction between student, colleague and faculty. During the presentation student will be assessed and graded. Finally, student will submit a typed review to course lecturer

**AGEM 972 ADVANCED APPLICATION OF QUANTITATIVE
TECHNIQUES IN AGRICULTURE****3 Credits**

Application of quantitative techniques to address common problems in agricultural economics research: Operation research techniques (such as linear programming, transport model, assignment problem, inventory model, network problem etc); Computable general equilibrium models; Sensitivity analysis; Spatial approach to predicting minimum wage. **Note:** Students will be exposed to Reading and Preparation of selected report and topical issues

**AGEM 980 SEMINAR II: AGRO-INDUSTRY ANALYSIS
AND AGRIBUSINESS PROMOTION****4 Credits**

Review of factors affecting demand and supply of agro-industrial products in Nigeria; problem and prospects. Analysis of Government roles in agricultural administration and agribusiness promotion in Nigeria. This review will be presented in a departmental seminar allowing for interaction between student, colleague and faculty. During the presentation student will be assessed and graded. Finally, student will submit a typed review to course lecturer

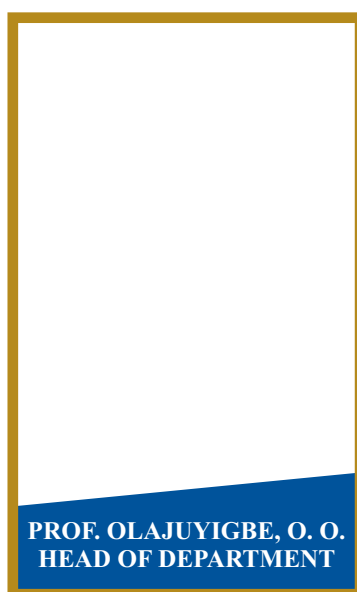
AGEM 990 THESIS**16 Credits**

A dissertation, showing evidence of ability to analyse a problem, set appropriate objectives, carry out research and write a useful, well documented paper. Student for the degree will submit a thesis based on original research work carried out during the course of the study. This thesis will be presented to the school audience in partial fulfillment of the requirements for the degree and in accordance with the university regulations. The thesis will be examined by external examiner and the final copies of the thesis submitted to the College of Postgraduate Studies. *The Thesis is to be registered for, over a four semester period.*

DEPARTMENT OF MICROBIOLOGY

Degree in View: PGD, M.Sc., PhD Areas of Specializaon:

1. Medical/Pharmaceucal Microbiology
2. Environmental Microbiology
3. Industrial/Food Microbiology



POSTGRADUATE DIPLOMA (PGD) IN MICROBIOLOGY

OBJECTIVES OF THE PROGRAMME

The objectives of the postgraduate programme in Microbiology are:

1. To train students in the methods of scientific enquiry for those wishing to pursue academic career in research and/or teaching.
2. To train and upgrade students in the chosen field.
3. To train students in faith-based scientific enquiry and encourage those wishing to pursue academic career in research and/or teaching and other relevant professions. The faith based principles will be incorporated into the course outline by individual lecturers.
4. To provide insight into modern microbiological techniques needed in the food, pharmaceutical, agrochemical, brewing and other applied disciplines.

PHILOSOPHY

The philosophy of the Department of Microbiology at the postgraduate level is to produce graduates imbued with an enthusiasm to take up teaching and research jobs in Microbiology within universities and other academic settings in Nigeria, Africa and the world community. By this the department hopes to contribute to curtailing the drain on the country's external reserves

through overseas training and recruitment.

ADMISSION REQUIREMENTS

- I. Admission is open to holders of Bachelor degree in Microbiology from Babcock University or other approved universities with a minimum of third class grade and/or other acceptable class of degrees in courses such as Biology, Botany, Zoology, Nutrition, Food Science, Biotechnology and other related courses. Higher National Diploma (HND) in Microbiology or other related courses with a minimum of upper credit.
- II. Candidates may be required to undergo a selection process, that is, candidates without background in Microbiology may be required to remedy or audit some courses at the lower levels.
- III. Other details relating to admission requirements are as given in the General Regulations of the Postgraduate School

GRADUATION REQUIREMENTS

To obtain the PGD in Microbiology, a candidate must take and pass a minimum of 32 units of courses made up as follows:

- (I) 4 units of general education requirements
 - (ii) 18 units of compulsory core courses
 - (iii) 6 units of elective courses
 - (iv) 4 units of research project
- TOTAL 32 units**

CURRICULUM CONTENT FOR PGD IN MICROBIOLOGY

COURSE CODE	COURSE TITLE	1ST SEM	2ND SEM
	GENERAL COURSES		
GEDS 701	Religion and Society	2	
GEDS 712	Biostatistics		2
	COURE COURSES		
MBIO 701	Applied & Experimental Microbiology	3	
MBIO 711	Microbial Physiology & Biochemistry	3	
MBIO 721	General Microbiology	3	
MBIO 712	Industrial Microbiology		3
MBIO 722	Medical Microbiology		3
MBIO 752	Current Topics in Microbiology		3
MBIO 7--	Electives †	3	3
MBIO 790	Research Project*		4
	TOTAL = 32 Credits	14	18

† Students are expected to take one (1) elective course of 3 Credits per semester. * Research topics for Project are to be concluded and approved by the end of the 1st semester.

ELECTIVE COURSES – offered at 3 Credits each

MBIO 731	Principles of Parasitology	3	
MBIO 732	Basic Immunology		3
MBIO 744	Environmental Microbiology		3
MBIO 761	Pharmaceutical Microbiology	3	

COURSE DESCRIPTION

GEDS 701: RELIGION AND SOCIETY (2 Credits)

GEDS 712: BIOSTATISTICS (2 credits)

MBIO 701 APPLIED AND EXPERIMENTAL MICROBIOLOGY (3 credits)

Overview of the microbial world including a survey of the structure, functioning and diversity of microorganisms. Introduction to the fundamental concepts of microbial physiology, ecology, genetics and pathogenesis. Microbiological laboratory procedures including sterile technique, microscopy, enrichment and isolation, and preservation. Extensive experience in the cultivation of microorganisms.

MBIO 711 MICROBIAL PHYSIOLOGY AND BIOCHEMISTRY (3 Credits)

Main aspects of microbial growth, energy and biosynthetic pathways, metabolic regulation and integration of pathways into a coherent system. Emphasis on physiological diversity, global control systems governing the adaptation of microorganisms to different environmental conditions, and emerging methodologies.

MBIO 712 INDUSTRIAL MICROBIOLOGY (3 Credits)

Agricultural and Industrial uses of microorganisms. Microorganisms as industrial products, production of metabolites. Fermentation, yeast and mushroom technology. Microbes as a protein source and energy production. Bioremediation. Quality control of industrial products. Nitrogen fixation, mycorrhiza technology, Agrobacterium and the manipulation of plant genes, detection and monitoring of genetically engineered microorganisms.

MBIO 721 GENERAL MICROBIOLOGY (3 Credits)

Concept of fungal taxonomy and identification, characteristics of fungal growth, fungal pathogenicity, and pre-disposing factors. Diagnosis of fungal infection, mycosis treatment Lichens. Fungal genetics.

MBIO 722 MEDICAL MICROBIOLOGY (3 Credits)

Culture and physiological characteristics of the pathogenic bacteria. Recommended procedures for the cultivation of both the common and rare pathogens isolated from clinical materials. Conventional and rapid biochemical methods for detection and identification of medically important bacteria. Serological procedures on microorganisms of prime medical concern. Prescribed tests for the susceptibility of bacteria to antibiotics and antimetabolites. The mechanics by which micro-organisms, including bacteria, protozoa, fungi and viruses, infect animals and cause disease, and the mechanisms of host defense against infectious microbes. Emerging and re-emerging infectious diseases of animals and development of resistance to antimicrobial chemicals. Vector-pathogen interaction, prevention and control of infectious diseases.

MBIO 731 PRINCIPLES OF PARASITOLOGY (3 Credits)

Classical and modern parasitology concentrating on protozoan and worm parasites of major medical/veterinary importance. Topics include basic principles of parasitology, life cycles, epidemiology, host parasite interactions, drug treatments and vector control programs along with information on the basic biology, biochemistry and genetics of selected parasites. The use of genetic tool RNA interference to validate potential new drug targets in the protozoan parasite.

MBIO 732 BASIC IMMUNOLOGY (3 Credits)

Immunology of microbial infection, exploring protein chemistry of antibodies, including basic separation and purification techniques and immune fluorescence staining. Classic serological assays including complement fixation test, passive haemagglutination and immunodiffusion.

MBIO 744 ENVIRONMENTAL MICROBIOLOGY (3 Credits)

Biogeochemical processes involving interaction of various microbes. Mineralogical transformation by microorganisms.

Biochemical degradation of pesticides and other chemicals in the environment. Fertilizers and soil organisms. Biofertilization and plant interactions. Mycorrhiza technology, Rhizobium technology.

Interaction of microbes and their environment. Microbial distribution and activities in natural systems, and their importance to ecosystem function and environmental quality. Microbial activity; microbial transformations and their impact on different environments; species diversity, detection and control of microorganisms, and associations with higher organisms. Modern techniques of environmental microbiology.

MBIO 752 CURRENT TOPICS IN MICROBIOLOGY (SEMINAR) (3 Credits)

Under the supervision of a staff, each student is expected to select a topic for detailed study based on literature search. The emphasis should be on recent advances in the chosen field of microbiology. The study shall be presented at a seminar. A write up on the topic shall also be submitted.

MBIO 761 PHARMACEUTICAL MICROBIOLOGY (3 Credits)

Chemistry and production of synthetic antibiotics, anti-microbial and chemotherapeutic agents. Quality control of pharmaceutical products. The mode of action and assay of antimicrobial agents. Antibiotic resistance and sensitivity. Medicinal plants

MBIO 790 RESEARCH PROJECT (4 credits)

An independent project selected on the basis of students interest and supervised by a member of staff and approved by the Head of the Department. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies.

MASTERS OF SCIENCE (M.Sc.) IN MICROBIOLOGY

OBJECTIVES OF THE PROGRAMME

The objectives of the postgraduate programme in Microbiology are:

1. To train students in the methods of scientific enquiry for those wishing to pursue academic career in research and/or teaching.
2. To train and upgrade students in the chosen field.
3. To train students in faith-based scientific enquiry and encourage those wishing to pursue academic career in research and/or teaching and other relevant professions. The faithbased principles will be incorporated into the course outline by individual lecturers.

4. To provide insight into modern microbiological techniques needed in the food, pharmaceutical, agrochemical, brewing and other applied disciplines.

PHILOSOPHY

The philosophy underlying the areas of specialization in the Department of Microbiology at the postgraduate level is to produce graduates imbued with an enthusiasm to take up teaching, industrial and research jobs in Microbiology within tertiary educational institutions, industries and research settings in Nigeria, Africa and the world community. By this the Department hopes to contribute to curtailing the drain on the country's external reserves through overseas training and recruitments.

The Department of Microbiology therefore offers programmes leading to the degrees of Master of Science (M.Sc.); Master of Philosophy (M.Phil.) and Doctor of Philosophy (Ph.D.) in Microbiology.

DURATION

This programme is designed to last for Three Semesters

ADMISSION REQUIREMENTS

- (i) Admission is opened to candidates who hold Bachelor's degree in Microbiology of Babcock University or other approved universities with at least a Second Class Lower division. Other bachelor's degree holders with a minimum of a second class lower in related courses including but not limited to Biochemistry, Medical Laboratory Science, Biology, Botany, Zoology, Nutrition, Food Science and Biotechnology may apply, provided such candidates offered relevant courses in Microbiology and passed them at the undergraduate level.
- (ii) A candidate with Higher National Diploma may apply, provided such a candidate took relevant courses in Microbiology and in addition, possesses a Postgraduate Diploma in relevant field.
- (i) A candidate may be required to undergo a selection process, that is, a candidate without background in Microbiology may be required to audit some courses at the lower levels.
- (ii) Other details relating to admission requirements are as given in the general regulations of the College of Postgraduate Studies.

GRADUATION REQUIREMENTS

To obtain the M.Sc. in Microbiology, a candidate must take and pass a minimum of 46 units of courses made up as follows:

- (v) 4 units of general education requirements
- (vi) 27 units of compulsory core courses at the 800 level
- (vii) 9 units of elective courses
- (viii) 6 units of Dissertation

COURSE CONTENT FOR MSC MICROBIOLOGY

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL COURSES			
GEDS 801	Religion, Faith and Morality	2		
GEDS 812	Biostatistics		2	
	CORE COURSES			
MBIO 800	Christian Religion and Microbes		3	
MBIO 803	Advanced Bacteriology	3		
MBIO 804	Advanced Microbial Genetics		3	
MBIO 811	Advanced Microbial Physiology and Biochemistry	3		
MBIO 814	Advanced Industrial Microbiology		3	
MBIO 821	Advanced Mycology	3		
MBIO 854	Microbiology and the Environment		3	
MBIO 867	Research Methods in Microbiology	3		
MBIO 870	Seminar		3	
MBIO ---	Electives*	6	3	
MBIO 890	Dissertation			6
	TOTAL = 46 Credits	20	20	6

** Each student is to select two (2) elective courses in the first semester and one (1) elective course in the second semester to make up total course load required for each semester as indicated in the table. Assistance from the HOD and Departmental PG Coordinator is crucial so as to ensure selecting the right combination of electives.*

ELECTIVE COURSES

MBIO 808	Advanced Plant Pathology		(3)
MBIO 806	Advanced Food Microbiology		(3)
MBIO 829	Advanced Clinical Microbiology	(3)	
MBIO 831	Advanced Virology	(3)	
MBIO 832	Advanced Immunology & Immunochemistry		(3)
MBIO 841	Advanced Epidemiology	(3)	
MBIO 842	Advanced Soil Microbiology		(3)
MBIO 864	Advanced Microbial Ecology		(3)
MBIO 865	Antimicrobial Agents & Chemotherapy	(3)	

NOTE: *Research topics in connection with the dissertation are expected to be concluded by the end of the 1st semester.*

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 801 RELIGION, FAITH AND MORALITY (2 Units)

GEDS 812 BIOSTATISTICS (2 Units)

MBIO 800 CHRISTIAN RELIGION AND MICROBES (3 units)

Christian belief and concept of microbial development; Detailed history of human creation as contained in the Bible and the concept of spontaneous generation as contained in history of microbiology (schools of thought in microbiology). Activities of microorganisms as evidenced in Bible (fermentation, putrefaction, disease causation, etc). Term paper: Each student is expected to pick a topic from the broad areas of microbiology supported with biblical concepts or principles. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

MBIO 803 ADVANCED BACTERIOLOGY (3 units)

General characteristic of bacteria, Structure of cell wall, endospores, capsules & flagella. Gene exchange mediated plasmids. Reproduction by conjugation & binary fission. Physical requirements by temperature, pH, oxygen & salts. Trends in classification & identification of bacteria. Nitrifying bacteria. Endospore forming bacteria. Bacillus & Clostridium. Sulphur & Iron bacteria. Hydrogen oxidizing bacteria. Enterobacteriaceae.

MBIO 804 ADVANCED MICROBIAL GENETICS (3 units)

Genetic materials in bacteria, viruses, fungi. The structure and life cycle of bacteriophages, genetic recombination in phages. The lambda DNA. DNA tumor viruses Transcription in prokaryotes. Gene transfer in Bacteria-Transformation, Transduction and conjugation, Plasmids and recombinant DNA. Sequence analysis, genetic analysis. Genomics and Proteomics. Gene Identification, prediction. Tools and algorithms for protein identification by mass spectrometry and data base searching SNPs. Biological sequence data bases and bioinformatics resources tools.

MBIO 806 ADVANCED FOOD MICROBIOLOGY (3 units)

Overview of food chemistry. Detailed study of the roles of microbes, enzymes and the microenvironment in food production and spoilage. Indigenous fermented foods in Africa and Nigeria. Brief insights into prebiotics and probiotics in foods. Food preservation techniques. Food safety: microbial contamination of foods with special emphasis on mycotoxigenic fungi, pesticides and food additives; food-borne diseases. Quality standards and assurance in the food industry. Roles of regulatory agencies in food monitoring and export.

MBIO 808 ADVANCED PLANT PATHOLOGY (3 units)

Ecological and epidemiological aspects of fungal, viral and bacterial diseases of plants. Importance of field crop disease; detailed study of symptoms, etiology, disease cycle and method of perpetuation of tropical plant diseases (fruits, vegetable, ornamentals and economic plants), Seed-born, soil born and post-harvest diseases and their control (prophylactic and curative). Cytological and biochemical changes in plant diseases. Methods for collection, handling, transport and preservation of diseases specimens. Isolation and identification of pathogens from disease samples; maintenance and preservation of cultures.

MBIO 811 ADVANCED MICROBIAL PHYSIOLOGY AND BIOCHEMISTRY (3 units)

Energy-yielding metabolic processes. Biosynthesis with special reference to nucleic acids, proteins, peptides, polysaccharides and lipids. Mechanism of nitrogen fixation. Synthesis,

regulation, isolation and identification of enzymes involved in metabolic processes.

MBIO 814 ADVANCED INDUSTRIAL MICROBIOLOGY (3units)

History of industrial microbiology (the fermentation process). Microorganisms involved in industrial processes: characteristics, sources and their large-scale production. Fermenters and basic fermentation systems (submerged and solid systems). Industrial production and applications of microbial products such as enzymes, antibiotics, vitamins, organic acids and alcohols. Yeast technology, mushroom technology, single-cell protein. Biomass and energy production. Quality control of industrial products. Introduction to Nanobiotechnology

MBIO 821 DVANCED MYCOLOGY (3 units)

Current trends in the classification of fungi and probable relationships among the major classes. Fine structure of fungi. Mechanisms of spore discharge – the water relations and rhythms of spore liberation. Economic mycology – with special reference to Nigerian forms. Food, indoor and applied mycology. Selected advanced methods for studying and characterizing fungi. Geographic, topographic and epidemiologic grouping of mycoses and their effect on the human host. Toxic fungi – their poison, nature and effect. Mycotoxicoses. Infection mechanisms.

MBIO 829 ADVANCED CLINICAL MICROBIOLOGY (3 units)

Cultural characteristics, identification and isolation of pathogens from specific clinical specimens. Bacterial cell wall and envelopes, enzymes and toxins as well as virulence factors and their roles in pathogenicity of some pathogens. A touch on specific bacterial infections, viral infections and mycotic infections with specific focus on pathogenesis, pathology, diagnosis, epidemiology, treatment and control.

MBIO 831 ADVANCED VIROLOGY (3units)

Biochemistry of viral replication. RNA-directed DNA polymerases. Site-specific and general recombination in phage lambda. Genetics of phage morphogenesis. Viroids. Slow virus diseases. Tumour virology transformation by RNA and DNA tumor viruses. Origin and molecular basis of cancer. Production, purification and evaluation of antiviral activity of interferon induced antiviral proteins. Evaluation of antiviral effects of specific molecules and some Nigerian herbs. Epidemiology of viral vaccines. Recent advances in diagnostic virology.

MBIO 832 ADVANCED IMMUNOLOGY & IMMUNOCHEMISTRY (3 units)

Structure, function and abnormalities of the immune system. Properties of antigens and haptens. Structure and biological activities of immunoglobulins. The complement system. Interactions of antigens, haptens and antibodies. Cellular and genetic basis of specific immune responses. Mechanisms of immunologic injury, allergy and hypersensitivity. Immunologically mediated diseases due to extrinsic and intrinsic antigens. Immunological methods and applications to research.

MBIO 841 ADVANCED EPIDEMIOLOGY (3 Units)

Patterns of transmission and distribution of infectious diseases caused by bacteria and viruses; the role of vectors in disease transmission; the role/behaviour of parasitic organisms and their hosts in disease transmission; control and prevention of infectious diseases, methods of control, WHO protocols. Zoonoses, emerging and re-emerging diseases.

MBIO 842 ADVANCED SOIL MICROBIOLOGY (3 units)

Biotic and abiotic components of the soil. Ecological significance of bacteria, actinomycetes, fungi, algae, protozoa and viruses. Transformation of carbon, nitrogen, sulphur and phosphorus. Microbiology and biochemistry of agronomically important soil processes such as the decomposition of organic matter, hemicellulose, cellulose, lignin, methanogenesis, nitrification, Nitrogen fixation, etc. Interaction among microorganisms. Fertilizers and soil microorganisms.

Biochemistry of pesticide degradation. Rhizobium technology.

MBIO 854 MICROBIOLOGY AND THE ENVIRONMENT (3 units)

Concepts and components of the microbial community. Microbial biogeography, biogeochemistry of elements and microbial transformations. Surface water pollution by biotic and abiotic factors e.g. pathogenic organisms, petroleum, sewage, sediment, heat, radioactive materials. Physical, chemical and biological indicators of water, air and soil pollution. Treatment of drinking water, sewage and industrial wastewater. Recent advances in biotransformation and bioremediation.

MBIO 864 ADVANCED MICROBIAL ECOLOGY (3 units)

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.

MBIO 865 ANTIMICROBIAL AGENTS AND CHEMOTHERAPY (3 units)

Concepts of growth and death of microorganisms, control of microorganisms, disinfection, sterilization and asepsis. Types and classes of antibiotics and differences between different classes of antibiotics. Major sources from which antibiotics are obtained. Antibiotic producing organisms. Mechanisms of action of antibacterial agents. Mechanisms of resistance to antibacterial agents. Quality control of pharmaceutical products. Sensitivity tests. Drug measurement in body fluids. Plant-derived antimicrobials.

MBIO 867 RESEARCH METHODS IN MICROBIOLOGY (3 units)

Concepts in research, types of research and impacts to the community. Research designs. Planning and executing microbiological research. Hypothesis formulation. Use and principles of advanced equipment and analytical procedures (single-sporing, polyphasic taxonomic methods, colony PCR, applications of chromatography) in Microbiology. Data handling and presentation. Research reporting and dissemination. Ethics in microbiological research. Tutorials – Design and theoretical development of a dummy research concept/idea in any relevant area of Microbiology.

MBIO 870 SEMINAR (3 units)

One seminar would be provided to the students at beginning of the research. Seminar topics are to be selected in consultation with the student's supervisor. The seminar is aimed at exposing students to information gathering and analysis. The seminars would be assessed by all lecturers.

MIO 890 DISSERTATION (6 units)

An independent project selected on the basis of student's interest and supervised by a member of staff and approved by the Head of the Department. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies.

MASTER OF PHILOSOPHY (M.Phil.) IN MICROBIOLOGY

The programme is opened to candidates in Microbiology or related fields from Babcock University and any other university approved by the University Senate with an average score of 50 to 54.99% or 3.50 – 3.99 CGPA on 5-point grade average in their coursework.

Candidates must satisfy all other conditions stipulated in the regulations of the department as well as the post-graduate school.

Curriculum for the Programme

- i. Candidates for the M.Phil will be required to complete four semesters of coursework in areas related to the focus of their M.Phil. programme including dissertation.
- ii. Coursework for the M.Phil. shall amount to 30 credits, and the dissertation shall amount to 8 credits, for a total of 38 credits (minimum).

M.Phil Dissertation	- 8 Units
MPhil Seminar	- 3 Units
Core Courses	- 15 Units
General Courses	- 8 Units
Electives	- <u>6 Units</u>
Total	- <u>40 Units</u>

COURSE CONTENT FOR M.PHIL IN MICROBIOLOGY

COURSE CODE	COURSE TITLE	1 ST year		2 ND year	
		1 ST SEM	2 ND SEM	1 ST SEM	2 ND SEM
	GENERAL COURSES				
GEDS 901	Personal and Family Wholeness	2			
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
GEDS 922	Advanced Biostatistics		2		
	CORE COURSES				
MBIO 901	Advanced Industrial Microbiology & Biotechnology	3			
MBIO 915	Advanced Microbial Techniques	3			
MBIO 912	Advanced Microbial Physiology		3		
MBIO 934	Advanced Microbial Genetics & Molecular Biology		3		
MBIO 974	Advanced Public Health Microbiology		3		
MBIO 9__	Electives*	3	3		
MBIO 880	MPhil Seminar			3	
MBIO 890	MPhil Dissertation			(8)	8
	Total 40 credits	13	16	3	8

* See the list of Elective Courses under the PhD programme.

DOCTOR OF PHILOSOPHY (Ph.D) IN MICROBIOLOGY

a) Admission requirements

- (i) The programme is opened to candidates with M.Sc. or M. Phil degree in Microbiology from Babcock University and any other university approved by the University Senate with an average score of 60% or 4.00 CGPA (on 5-point scale) in their coursework.
- (i) If the MSc. level of proficiency is between 55% and 59% (or 3.50 – 3.99 CGPA on 5-point grade average), the applicant may be granted conditional admission, pending completion of a minimum of 15 additional credits (i.e., one full semester) of specified graduate coursework.
- (ii) Candidates must satisfy all other conditions stipulated in the regulations of the department as well as the post-graduate school.

(b) Curriculum for the Programme

Candidates for the PhD will be required to complete one year (two semesters) of coursework in areas related to the focus of their PhD programme, and then will spend a minimum of two year (four semesters) developing a doctoral thesis and carrying out research related to the attainment of the PhD.

Coursework for the PhD shall amount to 43 credits, and the thesis shall amount to 16 credits, for a total of 59 credits (minimum). .

Thesis	-	16 Units
Core Courses	-	26 Units
General Courses	-	8 Units
Electives	-	<u>9 Units</u>
Total	-	<u>59 Units</u>

CURRICULUM CONTENT FOR PhD IN MICROBIOLOGY

COURSE CODE	COURSE TITLE	1 ST year		2 ND year		3 RD year	
		1 ST Sem	2 ND Sem	1 ST Sem	2 ND Sem	1 ST Sem	2 ND Sem
	GENERAL COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
GEDS 922	Advanced Biostatistics		2				
	CORE COURSES						
MBIO 900	Biblical Framework for Microbiology			3			
MBIO 901	Advanced Industrial Microbiology & Biotechnology	3					
MBIO 915	Advanced Microbial Techniques	3					
MBIO 912	Advanced Microbial Physiology		3				
MBIO 934	Advanced Microbial Genetics & Molecular Biology		3				
MBIO 974	Advanced Public Health Microbiology		3				
MBIO 970	Doctoral Seminar I – Themes in Microbiology			4			
MBIO 980	Doctoral Seminar II – Current Trends in Microbiology				4		
MBIO 9--	Electives*	3	3	3			
MBIO 990	Thesis			4	4	4	4
	TOTAL = 59 credits	13	16	14	8	4	4

* Each student is to select one (1) elective course in the 1st Semester of Year 1, 2nd Semester of Year 1, and 1st Semester of Year 2, respectively, as indicated on the table. Assistance from the HOD and Departmental PG Coordinator in selecting the right combination is crucially important.

	ELECTIVES	Credits
MBIO 920	Advanced Petroleum Microbiology	3
MBIO 943	Microbiology of Food Systems	3
MBIO 946	Food Toxicology	3
MBIO 950	Advanced Fermentation Technology	3
MBIO 951	Advanced Pharmaceutical Microbiology	3
MBIO 954	Advanced Medical Microbiology	3
MBIO 962	Advanced Immunochemistry and Immunology	3
MBIO 963	Advanced Microbiology and Environment	3

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 901: PERSONAL AND FAMILY WHOLENESS (2 Credits)

GEDS 911: RESEARCH PROPOSAL AND WRITING (2 Credits)

GEDS 912: ADVANCED RESEARCH DESIGN (2 Credits)

GEDS 922: ADVANCED BIOSTATISTICS (2 Credits)

MBIO 880 MPhil SEMINAR (3 Credits)

One seminar would be provided to the students at beginning of the research. MPhil Seminar topics are to be selected in consultation with the student's supervisor. The seminar is aimed at exposing students to information gathering and analysis. The seminars would be assessed by all lecturers.

MBIO 890 MPhil DISSERTATION (8 credits)

The MPhil programme culminates in a dissertation, consisting of an original based on the student's interest and supervised by a member of faculty. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies.

MBIO 900 BIBLICAL FRAMEWORK FOR MICROBIOLOGY (3 Credits)

This course explores the interface between Christian religion and microbiology as a discipline. Special attention is given to the Christian origins of modern science, the similarities and contrasts between scientific and religious inquiry, as well as particular challenges that the field of microbiology pose for Christian belief and the moderating effects of Christian religious on the study and practice of microbiology. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

MBIO 901 ADVANCED INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY (3 units)

Overview of micro-organisms of industrial importance. The selection and manipulation of industrial micro-organisms including recent advances in plant and animal cell culture. Kinetics of microorganisms. Fermentation vessels – types and applications. Alcoholic fermentations. Overview of production, purification and applications of antibiotics, vaccines, organic acids and single cell protein. Recent advances in biotechnology and impacts of biotechnology on society and industry: Introduction to Nanobiotechnology. Quality control of industrial products – economic applications.

MBIO 915 ADVANCED MICROBIAL TECHNIQUES (3 units)

Trends in microbiological techniques: conventional methods to polyphasic approaches. Miniaturized and rapid methods for microbial studies. Advanced techniques in diagnostic microbiology and food analytics: quantitative PCR, chromatographic methods, NextGen sequencing technologies and other high-throughput technologies. Spectrophotometry and metabolomics. Overview of measures of central tendency and variation. Selection of appropriate statistical packages (e.g. use of Excel, SPSS, GraphPad Prism) for analysis of microbiological data. Methods of analysis of microbiological data: associations (linear correlation, rank order correlation, Spearman's correlation coefficient, fitting regression curve on line, multiple regression, interpretation of line curve); Interpretation of analysis of variance, F-test, t-test and χ^2 -test.

MBIO 912 ADVANCED MICROBIAL PHYSIOLOGY (3 units)

Special studies on transport mechanism in micro-organisms and cell cycle in prokaryotes and eukaryotes. Advances studies on movement of fungi, dissimilation, Energy yielding metabolic processes physiology of microorganisms and enzymes. Regulatory mechanism and microbial biosynthesis.

MBIO 920 ADVANCED PETROLEUM MICROBIOLOGY (3 units)

Detailed study of the carbon cycle. Theories about the genesis of fossil fuels with emphasis on microbiological influence. Prospecting for oil by means of microbial indicators. Corrosion of pipes and equipment; microbiology of the process. Effects of oil spill on the environment; microbiological problems in transportation and storage, microbial decomposition of petroleum. Economic considerations and control methods.

MBIO 934 ADV. MICROBIAL GENETICS AND MOLECULAR BIOL. (3 units)

Microbial genetics: Definition and terminologies, DNA Structure and associated enzymes, DNA replication, plasmids, gene expression and regulation, feedback inhibitors, operon model, mutations: types, causes, repair mechanisms and mutagen detections, genetic transfer and recombination, recombinant DNA technology, specialized methods used in microbial genetics. Trends in molecular biology (functional genomics and proteomics).

MBIO 943 MICROBIOLOGY OF FOOD SYSTEMS (3 units)

Introduction to the global food systems. Climate change and microbial contamination of foods; WHO priority pathogens and contaminants and their risk prediction. Advances in food control: theory and practice of quantitative analysis of foods; advanced microbial surveillance in foods; microbial source tracking; food analytics. Studies in food fermentation (autochthonous and allochthonous; artisanal and industrial food fermentations). Advances in food preservation (physical, chemical and natural microbial inhibitors). Probiotics and food development processes. GM foods.

MBIO 946 FOOD TOXICOLOGY (3 units)

Basic concepts in food toxicology. Classes and categories of food toxicants. General methods applied in food toxicology studies (cell cultures and animal models; single contaminant studies and combinatory toxicology). Toxin surveillance approaches (indicators for predicting microbial and chemical contamination in food and water). Diversity, sources, occurrence and health impacts of microbial toxins (bacterial, cyanobacterial and fungal toxins) and other xenobiotics of agricultural and industrial origin in foods (heavy metals, pesticides, PAHs, veterinary drug residues and packaging material residues). Special studies on impact of food toxins on gut health. Exposure and risk assessment of food toxicants.

MBIO 950 ADVANCED FERMENTATION TECHNOLOGY (3 units)

Growth characteristics of a microbial culture. Determination of biomass, cell measurement, the growth curve, microbial process development, cell cultivation system. Batch process, continuous process, fed-batch process, mathematics description of growth, enzyme production and application, cell and enzyme immobilization. Advanced designs and control of industrial fermentation vessels. Socio-ecological concepts in biotechnology, (Bioprocess, properties of biological materials, pre-treatment operations, fermentation process, growth and production. Downstream process operations, filtration. Cell disruption methods. Precipitation, Chromatography, Bioprocess control. Alcohol production and recovery. Recent advances in fermentation technology.

MBIO 951 ADVANCED PHARMACEUTICAL MICROBIOLOGY (3 units)

The chemistry of antibiotics and synthetic antimicrobial agents; their production and synthesis. Quality control of pharmaceutical products. Sterility and sterility tests. Concepts of growth and

death of microorganisms, control of microorganisms, disinfection, sterilization and asepsis. Concepts of microbial sensitivity and resistance. Plant-derived antimicrobial agents, isolation, purification and structural elucidation.

MBIO 954 ADVANCED MEDICAL MICROBIOLOGY (3 Units)

Host-parasite relationship. Infections and diseases affecting the various body systems. Teaching of aspects of (1) specific Gram-positive bacterial infections. (2) specific Gramnegative bacterial infections. (3) specific viral infections and (4) specific medical mycological infections with a focus on their etiology clinical features, epidemiology, laboratory diagnosis, treatment and control.

MBIO 962 ADVANCED IMMUNOCHEMISTRY AND IMMUNOLOGY (3 units)

Cells of immune system. The complement system. Antigen-antibody Reactions. Cellular and genetic basis of specific immune responses/Functional anatomy and development of immune system. Mechanisms of immunologic injury, allergy and hypersensitivity. Immunodeficiency/autoimmunity/Immunologically mediated diseases due to extrinsic and intrinsic antigens.

MBIO 963 ADVANCED MICROBIOLOGY AND ENVIRONMENT (3 units)

Distribution, diversity and roles of microbes in industrial, marine and freshwater environments. Importance of bacteria in past, degradation, oil spills, sewage treatment, biochemistry and few fermentation.

MBIO 974 ADVANCED PUBLIC HEALTH MICROBIOLOGY (3 units)

Concepts of epidemiology: Definition, distribution, pattern, determinants, objectives, preventions and epidemiological approach. Mechanism of pathogenicity of microorganisms and pattern of disease transmission. Etiology, pathogenesis of microbial infections in plants, humans and animals. Advances in method of identification: isolation and detection of diseasecausing organisms.

MBIO 970 DOCTORAL SEMINAR I – THEMES IN MICROBIOLOGY (4 units)

This focuses on a general area of interest to the students which is to be presented in form of seminar. Students are required to identify and acquire at least 100 articles from reputable journals that would be relevant to their areas of research interest during Thesis writing. This shall be assessed by all the Lecturers teaching PG courses in the Department.

**MBIO 980 DOCTORAL SEMINAR II – CURRENT TRENDS
IN MICROBIOLOGY (4 units)**

Students are requested to select topics on specialized area of research interest in consultation with their supervisors which is to be presented in form of seminar. Students are required to submit a summarized synopsis of articles from reputable journals and ultimately identify gaps in knowledge that call for further studies. This shall be assessed by all the Lecturers teaching PG courses in the Department.

MBIO 990 THESIS (16 units)

This involves an independent study selected on the basis of student's interest and supervised by a senior academic member of staff and approved by the Head of the Department. The submission and defense of research proposal, execution of research work and external oral defense are as stipulated in the general regulations of the College of Postgraduate Studies. *The Thesis is to be registered for, over a four semester period.*

VERONICA ADELEKE SCHOOL OF SOCIAL SCIENCES



DEPARTMENT OF ECONOMICS

Degree in View: PGD, M.Sc., PhD



VISION STATEMENT OF THE DEPARTMENT

To be a top rated Economics Department committed to our stakeholders' mandates.

MISSION STATEMENT OF THE DEPARTMENT

Unique Economics department that produces theoretically well-grounded graduates with knowledge that is relevant to the society, and is in the forefront of policy making through:

- cutting-edge research;
- quality instruction to students to prepare them for successful careers; and
- holistic education for sustainable national development

AIMS / OBJECTIVES

Having regard to its philosophy of education on balanced and harmonious development of the whole man in his physical, social, and spiritual environment, the specific objectives of the programme are as follows:

1. To build on the foundation earlier laid at the undergraduate level of the Economics programme and provide an academic avenue to pursue a professional career in economics.
2. to provide our students with appropriate analytical skills to lay the groundwork for lifelong learning;
3. to equip our students to become policy-literate and thus be more informed as citizens
4. to prepare our students for successful careers as applied economists
5. To equip the students to become accomplished citizens and professionals capable of critical thinking and independent analysis

POSTGRADUATE DIPLOMA (PGD) IN ECONOMICS

The postgraduate diploma (PGD) programme provides an opportunity for students who hold a bachelor's degree in Economics but are deficient in the admission requirements for an MSc degree in Economics or whose first degree is not in Economics and wish to switch to the field of Economics to be able to further their education in Economics. It also provides an enabling environment for students to get high quality exposure to basic analytical and research skills useful for further studies in Economics.

ADMISSION REQUIREMENTS

Candidates seeking admission into the postgraduate diploma programme in Economics in the Department of Economics must satisfy the general requirements stipulated by the College of Postgraduate Studies of Babcock University. Specifically, admission to PGD Economics is available to the holders of the following qualifications:

- (xv) WASC O' Level with credit passes in 5 subjects in not more than two sittings which must include **English Language, Mathematics, Economics and other two subjects.**
- (xvi) A Bachelor of Science Degree in Economics from Babcock University or any other University accredited by the NUC with a Third Class Division or a Bachelor of Science Degree in related fields from Babcock University or any other University accredited by the NUC with at least a Second Class Lower Division
- (xvii) Applicants may be required to sit for qualifying examinations and/or attend oral interview sessions to determine eligibility.

GRADUATION REQUIREMENTS

General Requirement Courses: 4 Credit Units

Core Courses:	18 Credit Units
Elective Courses:	4 Credit Units
Research Project:	4 Credit Units
Total:	30 Credit Units

PROGRAMME DURATION

The PGD in Economics programme shall run for a minimum of two (2) semesters or one year for students in both the regular and elongated semester modules.

COURSES FOR POSTGRADUATE DIPLOMA (PGD) IN ECONOMICS

COURSE CODE	COURSE TITLE	1st Sem	2 nd Sem
	GENERAL REQUIREMENT COURSES		
GEDS 701	Religion and Society	2	
GEDS 702	Statistics		2
	CORE COURSES		
ECON 713	Microeconomic Theory I	2	
ECON 714	Microeconomic Theory II		2
ECON 725	Macroeconomic Theory I	2	
ECON 726	Macroeconomic Theory II		2
ECON 745	Mathematics for Economists I	2	
ECON 748	Mathematics for Economists II		2
ECON 757	Econometrics I	2	
ECON 758	Econometrics II		2
ECON 779	Research Methodology	2	
ECON 7--	Electives*	2	2
ECON 790	Research Project		4
	Total = 30 Credits	14	16

* Students are to take one elective course each semester

ELECTIVE COURSES

ECON 760	Monetary Economics	(2 Credits)
ECON 761	Development Economics	(2 Credits)
ECON 762	Public Sector Economics	(2 Credits)

COURSE DESCRIPTION

See the description in the GEDS section on page 36-37.

GEDS 701 RELIGION AND SOCIETY 2 CREDITS

GEDS 702 STATISTICS 2 CREDITS

ECON 713 MICROECONOMIC THEORY I 2 CREDITS

Fundamental quantitative relationships; General equilibrium and disequilibrium; dynamic equilibrium analysis; Production functions: duopoly, oligopoly; bilateral monopoly and monopsony. This course will expose students to the biblical principles of hard work and diligence in generating income among individuals and household.

ECON 714 MICROECONOMIC THEORY II 2 CREDITS

Theories of determination of wages, rent, interest and profit; Optimization in theories of consumption and production. Economic efficiency; and equity; externalities; social and private costs. Pareto optimum; social welfare functions. Policy applications of microeconomic theories. This course will expose students to the biblical principles of hard work and diligence in generating income among individuals and household.

ECON 725 MACROECONOMIC THEORY I 2 CREDITS

Revision of income determination from simple closed economy to a four-sector economy; Detailed theories of consumption and investment functions; The classical and Keynesian theories, the theory of inflation; Business cycles and forecasting; The relation of these issues to leading problems in public policy; The rationale for the existence of the public sector, formulation of national economic policy; Planning principles and analysis; Policy objectives, instruments and implementation; Balance of payments equilibrium and disequilibrium; balance of payments adjustment mechanism; devaluation, contemporary issues in public policy in Nigeria. The course would expose students to prevailing economic problems and emphasize the need for a God-fearing character to effectively solve problems that concern others with a selfless mind.

ECON 726 MACROECONOMIC THEORY II 2 CREDITS

The rationale for the existence of the public sector, formulation of national economic policy; Planning principles and analysis; Policy objectives, instruments and implementation; Balance of payments equilibrium and disequilibrium; balance of payments adjustment mechanism; devaluation, contemporary issues in public policy in Nigeria. The course would expose students to prevailing economic problems and emphasize the need for a God-fearing character to effectively solve problems that concern others with a selfless mind.

ECON 745 MATHEMATICS FOR ECONOMISTS I 2 CREDITS

Sampling and sampling distributions; Estimation; Tests of hypotheses; Extension of Regression analysis (simple and multiple) and all the statistical tests of significance; The importance of accuracy and truthfulness in analysis is emphasized in this course.

ECON 748 MATHEMATICS FOR ECONOMISTS II 2 CREDITS

Basic sampling and surveys; Growth surveys extensions of the analysis of variance; Chisquare. The importance of accuracy and truthfulness in analysis is emphasized in this course.

ECON 757 ECONOMETRICS I 2 CREDITS

Definition and scope of econometrics, stages of econometric research. Regression analysis (Simple and multiple) and the statistical tests of significance. Econometric problems (heteroscedasticity, autocorrelation, multicollinearity): their causes, detection, consequences and

correction. Basic ideas of the identification problem, dummy variables, and distributed lags. The importance of avoiding bias in decision making is emphasized.

ECON 758 ECONOMETRICS II

2 CREDITS

Simultaneous equation estimation methods (Two Stage Least Squares, Three Stage Least Squares, etc.); Matrix treatment of multiple regression; Advanced treatment of the simultaneous equation estimation techniques. Instrumental variables. The importance of avoiding bias in decision making is emphasized.

ECON 760 MONETARY ECONOMICS

2 CREDITS

Role of money in the economy, money and net wealth, the demand for and supply of money under equilibrium and disequilibrium conditions, the monetary approach to the balance of payments, high-powered money, monetary policy, international monetary policy. The course highlights the importance of accountability and transparency in dealings concerning money.

ECON 761 DEVELOPMENT ECONOMICS

2 CREDITS

This is a course about the understanding of the economies popularly known as developing countries. In this course, students are introduced to the conceptual meaning of economic development while distinguishing it from economic growth and the common characteristics of developing countries. The course develops necessary abilities in the students to generalize and apply development economic theories to solve the most pressing problems of the developing world. It helps to understand structure and functioning of institutions, markets, and policies adopted in the developing countries to accelerate welfare of their citizens. The course covers theories of economic growth and models and their application pertaining to contemporary issues of the developing world, such as poverty, income distribution, unemployment, and macroeconomic destabilization. After the completion of this course, students are expected to contribute to the society with their opinions about the development problems from various forum of public and private organizations. The biblical teaching of caring for the poor and vulnerable is emphasized in this course.

ECON 762 PUBLIC SECTOR ECONOMICS

2 CREDITS

Public Finance Fiscal functions, institutions and policies. Social goods and optimal distribution. Theory and empirical evidence on expenditure development. Theory and empirical evidence on tax structure. The changing function of fiscal policy and non-fiscal policy and economic revenue structures in selected countries. Federalism and fiscal adjustment theory and practice in selected countries. The course expatiates on the importance of viewing public office as a means to serve and not to be served.

ECON 779 RESEARCH METHODOLOGY

2 CREDITS

The objective of this course is to equip students with adequate knowledge and skills in the following aspects of Research methodology the philosophy of economic research; identification of researchable problems and the development of hypotheses or research questions. The course will also involve a detailed treatment of the methods and problems of collecting relevant research data, the format for presenting research results (i.e. from designing the table of contents to footnoting; referencing bibliography). Also to be covered are the various methods of establishing relationships between economic variables; basic elements of model building in economics; application of multivariate analysis, correlation and discriminant analysis; tests of causality (e.g. Sims-Granger tests, (Chow tests and sensitivity and stability of economic models) as well as analysis of variance. Chi-square tests, etc. students will be required to write a seminar paper in this course.

ECON 790 RESEARCH PROJECT

4 CREDITS

This is an independent study of a researchable topic approved by the department embarked upon

by the students. The work is expected to be submitted at the end of the programme. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the research project.

MASTER OF SCIENCE (M.Sc.) IN ECONOMICS

The M.Sc. Economics programme provides rigorous training on core areas of economics that will equip students for the world of work in government, international organizations, economic institutions and academics.

ADMISSION REQUIREMENTS

Candidates seeking entry to the M.Sc. programme in Economics should hold a Bachelor's Degree (Second Class Lower Division Honours or above) in the Social Sciences and should possess a working knowledge of Economics.

1. Eligible students are graduates in Economics or related fields of this University or other approved Universities
2. Candidates will however be required to satisfy the Department in a selection process through an entrance examination/interview.
3. Candidates must have five credit passes including English and Mathematics at the O'level.

GRADUATION REQUIREMENTS

General Requirement Courses:	4 Credit Credits
Core Courses:	30 Credit Credits
Elective Courses:	9 Credit Credits
Dissertation:	6 Credit Credits
Total:	49 Credit Credits

PROGRAMME DURATION

The minimum duration for the MSc degree programme in Economics shall be three (3) semesters or one and a half years for students in the regular semester module and four (4) semesters or two years for students in the elongated semester module.

COURSES FOR MASTER OF SCIENCE (MSC) DEGREE IN ECONOMICS

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL REQUIREMENT COURSES			
GEDS 801	Religion Faith and Morality	2		
GEDS 802	Statistics		2	
	CORE COURSES			
ECON 800	Biblical Foundations for Economic Behaviour		3	
ECON 821	Microeconomic Theory & Practice I	3		
ECON 822	Microeconomic Theory & Practice II		3	
ECON 835	Macroeconomic Theory & Practice I	3		
ECON 836	Macroeconomic Theory & Practice II		3	
ECON 838	Research Methodology for Economics		3	
ECON 845	Econometric Theory I	3		
ECON 848	Econometric Theory II		3	
ECON 861	Entrepreneurship for Economic Development	3		
ECON 870	Seminar			3
ECON 8--	Electives*	6	3	
ECON 890	Dissertation			6
	TOTAL = 49	20	20	9

** Students are to choose two (2) elective courses for 1st semester and one (1) elective course for the 2nd semester, in consultation with the PG Coordinator and HOD.*

LIST OF ELECTIVE COURSES

ECON 812	Health Economics	3 Units
ECON 813	Labour Economics	3 Units
ECON 814	International Trade	3 Units
ECON 815	Monetary Economics	3 Units
ECON 816	Energy Economics	3 Units
ECON 817	Public Sector Economics	3 Units

ELECTIVES TO BE BORROWED BY OTHER PROGRAMMES

ECON 801	Managerial Economics	3 Units
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COURSE DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 801: RELIGION FAITH AND MORALITY

2 UNITS

GEDS 802: STATISTICS

2 UNITS

ECON 800 BIBLICAL FOUNDATIONS FOR ECONOMIC BEHAVIOUR 3 UNITS

This course exposes the link between biblical principles and economic behaviour. Students are taught the principles in the bible that guide human behaviour in the allocation of scarce resources, which have alternative uses. The ills of self-allocation of public resources (the Zacchaeus explanation). The “neighbour principle” and welfare improvement. Policy making based on biblical teachings. The role of Jesus' teachings in poverty alleviation. The need for biblical principles in corruption curbing. Achieving efficiency and equity using biblical guides. What the bible says about leadership in the public and private sector. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

ECON 801: MANAGERIAL ECONOMICS

3 UNITS

This course explores the meaning, nature and scope of Managerial Economics. Meaning and Theories of Profit. Objectives of Firms. Some Decision Rules and Tools of Analysis. Optimization: Principles and Techniques. Demand Theory. Demand Analysis: Demand Estimation, and Demand Forecasting. Technique of Estimating a Function – The Regression Analysis. Theory of the Firm: Theories of Production, Cost and Revenue. Market Structure: Output and Price Determination. Linear Programming and Production Analysis. Pricing Strategies and Practices. Long-term Investment Decisions: Capital Rationing. The course also exemplifies the need to act responsibly in decision making activities.

ECON 815: MONETARY ECONOMICS

3 UNITS

Role of money in the economy, money and net wealth, the demand for and supply of money under equilibrium and disequilibrium conditions, the monetary approach to the balance of payments, high powered money, monetary policy, international monetary policy. Monetarism and Keynesianism. The course highlights the importance of accountability and transparency in dealings concerning money.

ECON 813: LABOUR ECONOMICS

3 UNITS

Labour Market Facts and Trend; Neoclassical Labour Supply; Labour Demand, Immigration, Minimum Wages, Labour Unions; Human Capital; Discrimination. The dignity of labour and the welfare of workers as upheld in the Bible is expounded.

ECON 814: INTERNATIONAL TRADE

3 UNITS

Trade theory: advanced treatment of the theories of international trade from classical to modern; Comparative statics of trade with respect to changes in tastes, factors endowments technology, etc., Alternative theories of trade and growth in developing countries. Commercial policy: The free trade doctrine and arguments for a restricted trade. Theories of tariffs, quota and other trade restrictive devices; Regional economic integration; international trade institutions; and international economic co-operation; International Financial Relations: The balance of international payment and the foreign exchange market. The developing countries and the international monetary system: the IMF, etc. Current issues in trade and other negotiations shall form part of class discussions. Accountability and healthy trade relations free from cheating and exploitation is emphasized in this course.

ECON 812: HEALTH ECONOMICS

3 UNITS

Introduction to health economics, Microeconomics of Health: Demand for Medicare, Modelling

Health Care Demand; Market for Healthcare and Healthcare facilities. Health as a Good and the production of Health: Health care costs. Economic evaluation of health care programmes: cost analysis, cost-benefit analysis, cost effectiveness. Health Insurance. Reproductive Health. Health care policy and statistics: Formulation of Health Policy; Provision and Regulation. Health indices. Access to Healthcare and Inequality Analysis. Trade in Pharmaceuticals. The course exposes students to the biblical principle of cleanliness and caring for the sick.

ECON 816: ENERGY ECONOMICS 3 UNITS

The political economy of oil and empirical perspectives of energy policy and its implications for energy supply and demand; local, national, and global markets for oil, natural gas, coal, electricity, nuclear power, and renewable energy; public policies affecting energy markets including taxation, price regulation and deregulation, energy efficiency, and control of emissions and environmental policy more generally. Production and marketing of oil products (cost and refining); Demand and distribution of petroleum products in Nigeria; Rationale of uniform pricing and retailing petroleum products. Petroleum subsidy; Contribution of petroleum to Nigeria's economy and its impact on agricultural policy and productivity. Oil crisis and inflation; Oil money flows and international financial system; International oil companies and the future of OPEC. This course will expose students to the need for selflessness and transparency in the administration of a common or national wealth.

ECON 817: PUBLIC SECTOR ECONOMICS 3 UNITS

Economic Rationale for state intervention; first and second fundamental theorems of welfare economics; assumptions under which markets are efficient; types of intervention; intervention and social justice; Public Goods and Preference Revelation; theory of public goods, characteristics of public goods; free rider problem; optimal provision of public goods; cost-benefit analysis of public investment. Theory of Public Finance: The nature of the public sector. Theory of public revenue and expenditure; Fiscal Federalism; Taxation and fiscal policy; Public debt; Government subsidy. The course expatiates on the importance of viewing public office as a means to serve and not to be served.

ECON 821: MICROECONOMIC THEORY & PRACTICE I 3 UNITS

Theory of the firm: technology of the firm; properties of the firm's technology; profit maximization; comparative statics; Cost minimisation; comparative statics results; Consumer behaviour theory: utility maximization; the expenditure function; money metric utility functions; Slutsky equations; compensating and equivalent variations; consumer surplus; Uncertainty: expected utility functions; risk aversion. Intertemporal Utility maximization. This course will expose students to the biblical principles of hard work and diligence in generating income among individuals and household.

ECON 822: MICROECONOMIC THEORY & PRACTICE II 3 UNITS

Advanced treatment of the theory of the firm: competitive pricing-short-run and long-run, comparative statics and welfare; Monopoly pricing and output decisions: comparative statics, welfare implications and regulation of monopoly power; Imperfect competitive market pricing, comparative statics; monopolistic competition; oligopoly. Theory of games. General equilibrium analysis. This course will expose students to the biblical principles of hard work and diligence in generating income among individuals and household.

ECON 835: MACROECONOMIC THEORY & PRACTICE I 3 UNITS

Theories of Economic growth and Convergence: Basic Harrod-Dornar model; The Basic Solow neoclassical growth model with extensions to embodied and disembodied technical progress; multiple equilibria, varying savings and consumption assumption; Golden rule of accumulation,

The new (Endogenous) Growth models and the challenge to the neoclassical models. The course would expose students to prevailing economic problems and emphasize the need for a God-fearing character to effectively solve problems that concern others with a selfless mind.

ECON 836: MACROECONOMIC THEORY & PRACTICE II 3 UNITS

Open Economy Macroeconomics and Policy Design: Extensive treatment of open economy macroeconomics: Mundell-Fleming model in small and large open economies; exchange rate regimes; effectiveness of monetary and fiscal policy under alternative assumptions of capital mobility and exchange rate regimes; covered and uncovered interest rate parity; international policy coordination; The Macroeconomic Policy Debate and the Design of Macroeconomic Policy: The macroeconomic policy debate; Activism versus passivism; Rules versus discretion. Real business cycle theory. The course would expose students to prevailing economic problems and emphasize the need for a God-fearing character to effectively solve problems that concern others with a selfless mind.

ECON 838: RESEARCH METHODOLOGY FOR ECONOMICS 3 UNITS

The design of economic research project: statement of the research problem; research thesis; essence and techniques of literature review; methodology: survey method, historical method, econometric method, experimental designs, etc.; estimation, diagnostic tests, and evaluation of hypothesis; inferences and conclusions. Basic issues in interpreting micro and microeconomic data; the base year, scaling of data, summary indicators, nominal and real magnitudes; implication of missing observations, small samples, poor quality of data, and inconsistencies, of data for economic analysis and inference; procedures for managing data; interpolations, and interpolations; Sampling and sampling design (design and validation of research instrument): sample selection procedure and techniques of questionnaire design/administration; procedures for data collation (scoring and coding for computer analysis), Random variables and probability distributions.

ECON 845: ECONOMETRIC THEORY I 3 UNITS

Time series econometrics: Testing for stationarity; single equation and multivariate cointegration analysis and the estimation of error correction models; Structural breaks; VAR Models; ARIMA and GARCH models; introduction to macroeconometric model building; introduction to forecasting and simulations. The Generalised Linear Model, Extensions of the Generalized Linear Model, Generalized Least- squares, Autocorrelation, Heteroscedasticity; Stochastic Regressors, Instrumental variables, errors in variables and endogeneity problem; simultaneous equation methods, Identification and estimation issues.

ECON 848: ECONOMETRIC THEORY II 3 UNITS

Introduction to Cross-sectional and Panel data analysis: panel data models: first difference estimator; Fixed effect and random effects models; Limited dependent variable models: probit, logit, bivariate probit and multinomial logit models; method of simulated maximum likelihood; Model Selection: two-step estimator and Heckman model selection. The importance of avoiding bias in decision-making and in the study of relationships among economic variables is emphasized.

ECON 861: ENTREPRENEURSHIP FOR ECONOMIC DEVELOPMENT 3 UNITS

This course develops an awareness for the need for entrepreneurship development in the world today. Students are introduced to 1) policies that promotes entrepreneurship, 2) entrepreneurship and unemployment to examine how entrepreneurial activities can be used to solve the problem of unemployment in countries like Nigeria, 3) practical presentation(s) of long-term and short-term business plans and strategies to help students develop entrepreneurial ideas, 4) determinants of entrepreneurship decisions will enable students understand the factors that must be considered in establishing successful entrepreneurial activities, 5) economic evaluation of entrepreneurship

programs in Nigeria which will highlight successful programs and issues that guaranteed the success of these programmes, 6) the significance of entrepreneurship in the economy, 7) entrepreneurial processes - from finding and evaluating good business opportunities to new venture start up and growth issues and 8) entrepreneurial behaviour, a critical success factor in new venture creation. Students will learn key entrepreneurial concepts through lecture material, experiential learning, videos and interaction with successful entrepreneur. The course is outline around the following topics the nature of small business plans; procedures entailed in purchasing supplies, inventory items, raw materials and service; advertisement; public relations and salesmanship; bookkeeping; accounting personnel management and self-improvement; policy and problem solving needs of small businesses procedures in conducting a business plan review; and pitfall and helpful hints. The biblical principles of being industrious and self-reliant are discussed.

ECON 870: SEMINAR 3 UNITS

The seminar is designed to teach students how to write articles bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. Presentations and discussions also focus on current economic trends and issues that are relevant to the field of research. Topics to be covered would be varied.

ECON 890: DISSERTATION 6 UNITS

The dissertation must deal with a research problem chosen from the Candidate's area of specialization. It must show familiarity with existing Literature and a mastery of research methodology. The completion of the dissertation culminates in an oral examination (defence) before a panel of examiners consisting of at least the following: the supervisor, an External Examiner, and the Head of Department who chairs the panel as the Chief Examiner.

MASTER OF PHILOSOPHY (M.Phil.) DEGREE IN ECONOMICS

The M.Phil. Economics programme is for candidates with an M.Sc. degree in Economics but do not qualify for a direct admission into the PhD programme in Economics because they have a CGPA of 3.00-3.49 on a 5.00 point grading scale or 50%-54.99%. The second category of candidates for the M.Phil. Economics programme are those with a B.Sc. Economics, however, their M.Sc. degree is in a related course such as Agricultural Economics, Finance, Business Administration and Accounting with a CGPA of not less than 3.50-3.99 on a 5.00 point grading scale or 55%-59.99%. Candidates in the second category will be required to first take remedial courses comprising all courses at the M.Sc. Economics level that are not reflected in their transcript. The list of remedial courses is presented below. The M.Phil. Economics programme provides rigorous training on core areas of economics that will equip students for the world of work in government, international organizations, economic institutions and academics.

ADMISSION REQUIREMENTS

Candidates seeking admission into the programme must satisfy the general requirements stipulated by the College of Postgraduate Studies of Babcock University. Specifically, admission to M.Phil. Economics is limited to the holders of the following qualifications:

- (i) WASC O' Level with credit passes in 5 subjects at a maximum of two sittings which must include **English Language, Mathematics, Economics and other two related subjects.**
- (ii) A Bachelor of Science Degree in Economics from Babcock University or any other University accredited by the NUC with at least Second Class lower Division.
- (iii) A Masters Degree in Economics with a CGPA of 3.00-3.49 on a 5.00 point grading scale or 55%-59.99% from Babcock University or from any other University accredited by the NUC and from universities outside the country that are recognized by the NUC.
- (iv) An M.Sc. Degree in a related course with a CGPA of not less than 3.50 on a 5.00 point grading scale or 55% from Babcock University or from any other University accredited by the NUC and from universities outside the country that are recognized by the NUC.
- (v) Applicants may be required to satisfy the Department in a selection process.

GRADUATION REQUIREMENTS

- i) The minimum number of Earned Hours for graduation is **37** credit hours from the courses required for the M. Phil. degree in Economics (including thesis).
- ii) The minimum residency requirement for graduation shall be **2 years/Four semesters.**
- iii) The minimum CGPA for graduation is **three (3.00)** points on a **five (5.00)** point grading scale.
- iv) Other Requirements:
 - a. **M. Phil. Dissertation:** Every M. Phil. candidate will be required to undertake approved research and produce a dissertation under the supervision of a qualified senior member(s) of academic staff of the Department.
 - b. Candidate must meet all requirements as stipulated in the regulation of the College of Postgraduate Studies, clearly spelt out at the beginning of the PG Bulletin.

GRADUATION REQUIREMENTS FOR COURSES

General Requirement Courses:	8 Credits
Core Courses:	21 Credits
M.Phil Dissertation:	8 Credits
Total:	37 Credits

PROGRAMME DURATION

The minimum duration for the M. Phil. degree programme in Economics shall be four (4) semesters and a maximum of six (6) semesters for students in the regular semester module and a minimum of five (5) semesters and a maximum of seven (7) semesters for students in the elongated semester module.

COURSES FOR MASTER OF PHILOSOPHY (MPhil.) DEGREE IN ECONOMICS

		YEAR 1		YEAR 2	
COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem	4th Sem
	GENERAL REQUIREMENT COURSES				
GEDS 901	Personal and Family Wholeness	2			
GEDS 902	Advanced Statistics		2		
GEDS 911	Research Proposal Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
ECON 905	Advanced Microeconomic Theory and Practice I	3			
ECON 906	Advanced Microeconomic Theory and Practice II		3		
ECON 927	Advanced Macroeconomic Theory and Practice I	3			
ECON 928	Advanced Macroeconomic Theory and Practice II		3		
ECON 935	Quantitative Methods	3			
ECON 942	Econometric Theory and Practice		3		
ECON 880	M.Phil. Seminar			3	
ECON 890	M. Phil Dissertation			(8)	8
	TOTAL = 37 Credits	13	13	3	8

POOL OF REMEDIAL COURSES

ECON 812	Health Economics	3 Credits
ECON 814	International Trade	3 Credits
ECON 815	Monetary Economics	3 Credits
ECON 817	Public Sector Economics	3 Credits
ECON 821	Microeconomic Theory and Practice I	3 Credits
ECON 822	Microeconomic Theory and Practice II	3 Credits
ECON 835	Macroeconomic Theory and Practice I	3 Credits
ECON 836	Macroeconomic Theory and Practice II	3 Credits
ECON 838	Research Methodology for Economics	3 Credits
ECON 845	Econometric Theory I	3 Credits
ECON 848	Econometric Theory II	3 Credits

DOCTOR OF PHILOSOPHY (PhD) DEGREE IN ECONOMICS

OBJECTIVES OF THE PROGRAMME

The programme for the Doctor of philosophy (PhD) degree in Economics has been designed to provide the students with a broad and solid basis for expanding and consolidating the knowledge and skills acquired especially in such areas as analytical and critical thinking skills, problem solving skills, quantitative and statistical skills, communication skills and economic literacy. The programme emphasizes preparation for careers in scholarly research with a curriculum in an integrating learning environment that includes critical-thinking seminars, research and institutional mentoring, and experiences that prepare the PhD students to become scholars and educators in the Economics discipline.

The specific objectives of the programme include:

1. Provide rigorous training on core areas of economics that will equip students for the world of work in government, international organizations, business and research.
2. Expose students to a variety of areas of specializations to improve their expertise and opportunities for consultancy through the strong mastery of a few but specific areas in Economics.
3. Enhance students' problem - solving skills and ability to identify problems and develop solution models and policies that are effective in solving real life problems.
4. Expose students to high quality research skills and thoroughness in the development and application of ideas.
5. Train God-fearing students who would be true to duty and capable of providing servant leadership in the world of work thus ensuring an efficient allocation of national resources to all citizens and not give only a few the opportunity to amass wealth. This will foster inclusive growth.
6. Challenge students to have an entrepreneurial spirit that would increase private sector participation in increasing job creation and providing employment for the young people - dominated population in Nigeria.
7. Produce high quality Economists who can compete favourably with their counterparts within and outside the country.
8. Produce students who are employable and who can be employers of labour

ADMISSION REQUIREMENTS

Candidates seeking admission into the programme must satisfy the general requirements stipulated by the College of Postgraduate Studies of Babcock University. Specifically, admission to PhD Economics is available to the holders of the following qualifications:

- (vi) WASC O' Level with credit passes in 5 subjects at a maximum of two sittings which must include **English Language, Mathematics, Economics and other two related subjects.**
- (vii) A Bachelor of Science Degree in Economics from Babcock University or any other University accredited by the NUC with at least Second Class Lower Division.
- (viii) A Masters Degree in Economics with a PhD grade from Babcock University or from any other University accredited by the NUC and from universities outside the country that are recognized by the NUC, with at least an average weighted score of 60% or a CGPA of 4.00 on a 5.00 grading scale in the Masters programme.
- (ix) Applicants may be required to satisfy the Department in a selection process.

PROGRAMME REQUIREMENTS

- vi. Students are expected to meet the required minimum of 75% class attendance in a course to be eligible to write the final examination for that course.
- vii. A candidate is required, as directed to undertake and submit a completed doctoral thesis on a topic approved by the Department PG Board as a part of the programme of study.

PROGRAMME DURATION

- i. The PhD programme in Economics runs two regular semester modules (Regular One and Regular Two). The regular one semester module runs from Monday to Friday for a minimum of 14 weeks. The regular two semester module runs on Friday and Sunday for a minimum of 24 weeks.
- ii. The minimum period of study for the PhD degree shall be six **(6)** semesters and the maximum period shall be eight (8) semesters for regular one and regular two modules. iii. The studentship of a PhD candidate shall lapse if after eight **(8)** consecutive semesters of regular semester module a student has not passed all the required courses and successfully completed the PhD doctoral thesis as well as participated in and passed the final oral thesis defence.
- iv. After the initial six (6) semesters stated above, candidates are required to apply in writing for extension subject to the maximum duration of eight (8) semesters for the PhD Programme. Failure to apply for extension will result in automatic lapse and candidates may be required to either withdraw from the programme or start over in such circumstance. All applications for extension shall be approved by the College of Postgraduate Studies Board.
- v. PhD candidate whose studentship is due to lapse shall be notified in writing at least one semester before the expiration of the studentship and at the end of such expiration.

GRADUATION REQUIREMENTS

- I. The minimum number of Earned Hours for graduation is **59** credit hours from the courses required for the Doctoral degree in Economics (including thesis).
- ii. Candidates are to fulfil the minimum residency requirement for graduation as provided in the general policies of the CPGS.
- iii. The minimum CGPA for graduation is **four (4.00)** points on a **five (5.00)** point grading scale.
- iv. Other Requirements:
 - a. Every PhD candidate is required to undertake approved research and produce a doctoral thesis under the supervision of qualified senior members of the department. The candidate will be required to sit for and pass an oral external examination in line with extant rules and regulations of the CPGS.
 - b. Candidates must meet all requirements, expressed or implied, as stipulated in the regulation of CPGS.

GRADUATION REQUIREMENTS FOR COURSES

General Requirement Courses:	8 Credits
Core Courses:	29 Credits
Elective Courses:	6 Credits
Thesis:	16 Credits
Total:	59 Credits

COURSES FOR PhD DEGREE IN ECONOMICS

COURSE CODE	COURSE TITLE	YEAR 1		YEAR 2		YEAR 3	
		1 st Sem	2 nd Sem	1 st Sem	2 nd Sem	1 st Sem	2 nd Sem
	GENERAL REQUIREMENT COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 902	Advanced Statistics		2				
GEDS 911	Research Proposal Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
ECON 900	Biblical Applications to Economic Behaviour			3			
ECON 905	Advanced Microeconomic Theory and Practice I	3					
ECON 906	Advanced Microeconomic Theory and Practice II		3				
ECON 927	Advanced Macroeconomic Theory and Practice I	3					
ECON 928	Advanced Macroeconomic Theory and Practice II		3				
ECON 935	Quantitative Methods	3					
ECON 942	Econometric Theory and Practice		3				
ECON 970	Doctoral Seminar I			4			
ECON 980	Doctoral Seminar II				4		
ECON 9--	Electives*			6			
ECON 990	Thesis			4	4	4	4
	TOTAL = 59 Credits	13	13	17	8	4	4

* Students are to choose two (2) elective courses in the 1st Semester of the 2nd Year, in consultation with the Departmental PG Coordinator and the HOD.

LIST OF ELECTIVE COURSES

ECON 933	Health Economics	3 Credits
ECON 937	Labour Economics	3 Credits
ECON 939	International Trade	3 Credits
ECON 941	Monetary Economics	3 Credits
ECON 945	Energy Economics	3 Credits
ECON 947	Public Sector Economics	3 Credits
ECON 951	Development Economics	3 Credits

ELECTIVE TO BE BORROWED BY OTHER PROGRAMS

ECON 976	Application of Econometric Analysis	3 Credits
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COURSE DESCRIPTIONS

See the course description for all GEDS courses on pages 35-36.

GEDS 901: PERSONAL AND FAMILY WHOLENESS 2 CREDITS

GEDS 902: ADVANCED STATISTICS 2 CREDITS

GEDS 911: RESEARCH PROPOSAL WRITING 2 CREDITS

GEDS 912: ADVANCED RESEARCH DESIGN 2 CREDITS

ECON 880: M.Phil. SEMINAR 3 CREDITS

The seminar is designed to teach students how to write articles bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. Presentations and discussions also focus on current economic trends and issues that are relevant to the field of research. Topics to be covered would be varied.

ECON 890: M.Phil. DISSERTATION 8 CREDITS

The dissertation must deal with a research problem chosen from the Candidate's area of specialization. It must show familiarity with existing Literature and a mastery of research methodology. The completion of the dissertation culminates in an oral examination (defence) before a panel of examiners consisting of at least the following: the supervisor, an External Examiner, and the Head of Department who chairs the panel as the Chief Examiner.

ECON 900: BIBLICAL APPLICATIONS TO ECONOMIC BEHAVIOUR 3 CREDITS

This course exposes the link between biblical principles and economic behaviour. Students are taught to apply biblical principles to economic decisions as well as allocation and management of resources. The ills of self-allocation of public resources (the Zacchaeus motif) in relation to corruption, corporate governance and inequality. The “neighbour principle” and its application to efficiency and welfare economics. Public policy on economic and social infrastructures based on biblical teachings. Practical application of Jesus' teachings towards poverty alleviation and economic development. What the Bible teaches about leadership and financial transactions in public and private sector firms. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

ECON 905: ADVANCED MICROECONOMIC THEORY AND PRACTICE I 3 CREDITS

This course covers advanced analysis in the following topics: Theory of the Consumer: Duality in Consumption. Theory of Production and Supply: Advanced treatments of Production, Cost and Duality in Production of Firms. Market equilibrium: Partial equilibrium competitive analysis, Welfare analysis in the partial equilibrium model, Market Failure: Public Goods, Externalities (bilateral and multilateral externalities, second-best solutions), Information Economics: Adverse selection, Signaling and Screening. The principal-agent problem, Moral Hazard. The course emphasizes mathematical rigor as well as economic content. By the end of the course, students will be expected to have developed an ability to independently tackle advanced topics in microeconomic theory and to read and understand relevant journal articles. This course will expose students to the biblical principles of team spirit and accountability in meeting household and societal needs.

ECON 906: ADVANCED MICROECONOMIC THEORY AND PRACTICE II 3 CREDITS

This course continues where ECON 905 leaves off. Topics include: Economic choice under

Uncertainty (expected utility theory, money lotteries and risk aversion), Game theory: basic elements of non-cooperative games. Simultaneous-move games (Dominant and Dominated Strategies, Subgame perfect Nash equilibrium, Bayesian Nash equilibrium). Dynamic games. General equilibrium: General equilibrium analysis in competitive markets and welfare analysis, Basic welfare properties (first and second fundamental theorem of welfare economics, Pareto optimality and social welfare optima, existence of Walrasian equilibrium, core and equilibria, Equilibrium under certainty and uncertainty (Assets Market). Theory of Social Choice (social preferences for two alternatives, Arrow's Impossibility Theorem). This course will expose students to the biblical principles of team spirit and accountability in meeting household needs.

**ECON 927: ADVANCED MACROECONOMIC THEORY
AND PRACTICE I**

3 CREDITS

This course focuses on the economy as a whole and intends to help students develop the analytical and methodological tools needed to understand modern professional research in macroeconomics. The topics to be covered include: Consumption: Theory of Aggregate Consumption, Consumption under Certainty. Consumption under Uncertainty. Investment: Theory of Investment, Tobin's q , Investment and the effect of Uncertainty. Unemployment: Theories of Unemployment - Generic Efficiency Wage Model, Shapiro-Stiglitz Model; The Labour Markets. Money and Financial Markets. Fiscal Policy and Budget Deficits: Government Budget Constraint, Ricardian Equivalence, Tax-smoothing. The course would expose students to the economic challenges countries face and emphasize the need for a Christ-like selfless motive in tackling economic problems. The importance of servant leadership and responsibility will also be emphasized.

**ECON 928: ADVANCED MACROECONOMIC THEORY
AND PRACTICE II**

3 CREDITS

The course exposes students to an Advanced treatment of the Theory and Applications of Economic Growth Models including the Solow growth model and its dynamics, Infinite horizon and Overlapping-generations models – (Ramsey-Cass-Koopman's model and the Diamond Model) and Endogenous growth model: Research and Development Models (the model without capital and the general case); Solow model extension to include human capital, The Romer model. Understanding Issues in Monetary Policy – Inflation and Monetary Policy, Stabilization Policy, Seignorage and inflation, Money in a General Equilibrium Framework (The Tobin Effect, Money in the Utility Function), Money and Transactions (The Shopping Time models, Cash-in-Advance models). Further treatments of Open Economy Macroeconomic Issues. The course would expose students to the economic challenges countries face and emphasize the need for a Christ-like selfless motive in tackling economic problems. The importance of servant leadership and responsibility will also be emphasized.

ECON 933: HEALTH ECONOMICS

3 CREDITS

This course exposes students to the economics of health and the topics to be covered include: Production of Health - By individuals (Human Capital Model); Government as a Producer and Regulator (Health care policy and statistics: Formulation of Health Policy; Provision and Regulation). Healthcare Financing. Health and Economic Development: Health and Poverty; Health and Growth; Economics of Disease. Healthcare Market Issues and Failures (Externalities, Public Good, Asymmetric Information and Moral Hazards). The Pharmaceutical Industry. Health Insurance and Managed Care; Evaluation of Health System Performance (Measurement of Health- Quality of Life, Efficiency and Equity in Health Care Delivery, Cost-effectiveness Analysis), The course will also emphasize the biblical principles of healthy living. Service to humanity and servant leadership as key values for improved health systems in countries will be discussed.

ECON 935: QUANTITATIVE METHODS**3 CREDITS**

This course seeks to build the strengths of students in quantitative analysis. The topics to be covered include: Matrix Algebra: Systems of linear equations and Basic Matrix Manipulations. Determinants of Square Matrices; Inverse and rank of a Matrix. Orthogonality. Eigenvalues and eigenvectors. Systems of differential and difference equations. Quadratic forms. Calculus: Univariate Calculus: The derivative, second derivative and curvature. Maxima and Minima. The Mean Value Theorem. Concave and convex functions, Quasiconcave and Quasi-convex functions. Taylor's theorem and the Taylor series. Exponential and logarithm functions. Economic applications of differentiation. Evaluating integrals and economic applications of integration. Differential Equations: first order, second order and higher-order equations, Systems of differential equations. Difference equations: first order, second order and higher-order difference equations, Systems of difference equations. Multivariate Calculus: Partial differentiation. Graphical representations and turning points. Taylor series expansion; First and second order approximations, the Hessian matrix. Identifying turning points (second order conditions). Partial derivatives, concavity, convexity and quasi-concave functions, Total differential and Chain rule. Homogenous Functions and Euler's theorem, Homothetic functions. STATIC OPTIMAZATION: Equality-Constrained Optimization, Inequality - Constrained Optimization. DYNAMIC OPTIMIZATION: Optimal Control Theory, Calculus of Variations. Upholding accuracy, integrity and truthfulness in analysis will be emphasized.

ECON 937: LABOUR ECONOMICS**3 CREDITS**

This course will expose students to the following areas: The Demand and Supply of Labour, Equilibrium and Employment Determination, Income Distribution and poverty, The Economics of Labour Unions and Wage Determination; Unemployment and Underemployment, Labour Migration, Employment Policies in Africa. The role of transparency and responsibility in labour activities will be emphasized. The biblical principle of the importance of diligence on the part of labour, and prioritizing workers' welfare on the part of employers will be discussed.

ECON 939: INTERNATIONAL TRADE**3 CREDITS**

This course exposes students to pertinent topics including: Trade policy, Trade, Growth and Development (Trade and Growth Models), Trade and Poverty. Operations of International Trade Institutions. International Finance Theory. International Financial Arrangements and Policies. The lectures will focus on developing an analytical framework that can be used to think about real world problems. Students will be expected to develop a good grasp of both analytical tools and relevant policy issues. Mutual benefit in trade agreements is emphasized as a relevant motivation for trade as against exploitation and egocentricity.

ECON 941: MONETARY ECONOMICS**3 CREDITS**

The following topics will be covered: Channels of Monetary Policy Transmission, Instruments of Monetary Policy- Objectives and Prospects; instrument-choice problem; operating procedures and policy measures. Discretionary Policy and Time Inconsistency. Economic Stabilization and Structural Adjustments. Financial Regulation and Deregulation. Financial Development and Economic Development (Microfinance, Financial intermediation and endogenous growth). International Perspectives to Monetary Economics (Balance of Payment, Exchange rate). The objective of this course is to provide students with a review or survey of some of the most important issues in monetary economics including how and why changes in money affect macroeconomic variables such as output, income and its distribution, employment, prices, and interest rates. The course highlights the importance of integrity and accountability in money matters.

ECON 942: ECONOMETRIC THEORY AND PRACTICE**3 CREDITS**

The classical linear regression model, estimation methods in the context of a Gauss-Markhov regression framework and several of its variants. The Generalized Method of Moments (GMM)

estimation method and its properties, Asymptotic distribution theory (Transformation of variables, Distributed Lags, Time-Series Models (Vector autoregression - AR, MA, and ARMA only), Non-Linear Regressions, SUR models, and Simultaneous Equation Systems. Bayesian analysis, Models of non-stationary time series. Panel data analysis, Cross sectional data analysis. The emphasis is on model specification, testing of hypothesis and forecasting, and also on rigorous derivation of pertinent results. Students will be instructed on how to use standard computer software, and will be provided with real-world data sets for implementing the various models. The course also offers students an opportunity to implement some of the models to real-world data, using standard software. Accuracy, excellence and integrity in analysis will be discussed.

ECON 945: ENERGY ECONOMICS 3 CREDITS

Analysing Energy Demand: Energy Demand Forecasting and Energy Demand Management. Energy Investments Analysis. Non-Renewable Energy Supply: Fossil Fuel Production (Oil and Gas). The Supply of Electricity. Renewable Energy Supply. The Market for Energy. Energy Pricing and Taxation. Energy Price Shocks. Energy Access: Indicators of Energy Poverty. Energy and the Environment (Pollution Control). The Economics of Climate Change. The importance of servant leadership and integrity in managing national resources is emphasized. The biblical principle of faithfulness in little things is emphasized.

ECON 947: PUBLIC SECTOR ECONOMICS 3 CREDITS

This course will give students an advanced exposure to the following topics: Theory of Public Revenue and Expenditure. Taxation and Tax Policies in Developing Countries. Cost-Benefit Analysis and Investment Rules. Externalities. Public Choice Theories: Voting Models. Welfare Economics: Pareto Optimality and Efficiency of Competitive Markets in Production and Exchange; Market Failure. Neoclassical Theory and Efficient Provision of Pure Public Goods. The course expatiates on the importance of servant leadership and service to humanity as key biblical principles in public service. Accountability and transparency in governance will be emphasized.

ECON 951: DEVELOPMENT ECONOMICS 3 CREDITS

This course equips students to be able to solve development problems. It covers topics including Theories of Development, Growth models, Poverty, Growth and Inequality, Agriculture and Development, Debt and Development, Human Capital Issues (education, health, migration, gender), Institutions and Development, Trade and Development, Development Finance – Aid and FDI. The biblical teaching of caring for the poor and vulnerable is emphasized in this course. Servant leadership, transparency and accountability as important moral values.

ECON 970: DOCTORAL SEMINAR I 4 CREDITS

This course is designed to teach students how to write journal papers with emphasis on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest.

ECON 980: DOCTORAL SEMINAR II 4 CREDITS

This course is designed to teach students how to write high impact and internationally acceptable journal papers with emphasis on methodology and design. The paper will be presented in class for discussion and critiquing.

ECON 976: APPLICATION OF ECONOMETRIC ANALYSIS 3 Credits

Econometrics analysis represents a new approach to the understanding of econometrics and brings to focus the important development in the theory and practice of econometrics. The course will focus on overview of regression analysis: What is econometrics, What is regression

analysis?, the estimated regression equation, two-variable regression model, classical normal linear regression model, steps in applied regression analysis; the classical model-Multicollinearity, Heteroscedacity, Autocorrelation, Econometric modeling; specific topics like Nonlinear Regression Models, Qualitative response regression models, Panel Data Regression Models, Dynamic Econometric Models (autoregressive and distributed-lag models); simultaneous-equation models and time series econometrics; basic statistics and hypothesis testing; forecasting, Forensic problems, forecasting with AIRMA.

ECON 990:

THESIS

16 CREDITS

The PhD thesis must deal with a research problem chosen from the Candidate's area of specialization. It must show familiarity with existing literature and a mastery of research methodology. The PhD thesis must make contribution to the pool of knowledge in the area of specialization. *The Thesis is to be registered for, over a four semester period.*

DEPARTMENT OF MASS COMMUNICATION

Degree in View: PGD, M.Sc., PhD Areas of Specializaon:

1. Journalism and Publishing Studies
2. Broadcasng
3. Public Relaons and Adversing
4. Development Communicaon



DR. ADEKOYA, H. O.
HEAD OF DEPARTMENT

VISION OF THE PROGRAMMES

Our vision is to admit potentially talented (i.e. in creativity and in academic scholarship) interested graduates of Mass Communication and other disciplines, and to produce, within a few years of studies, experts and scholars who will perform leadership roles within Nigeria and the global community.

Globalization is now inevitable in all disciplines.

Technology has reduced the world into a global village, as predicted by Marshal McLuhan (1965). Our post-graduate degree holders must know and use the dynamics of international and global communication to further our national interests and perspectives on world issues. By virtue of their training and achievements they should earn global respect through their use of the instrumentalities of Mass Communication.

MISSION STATEMENT

On philosophical grounds, our postgraduate students and degree holders should be in no doubt about answers to fundamental questions about life. Answers to questions (such as “What is the origin of life?” “What is the function of life?” “What is the future of life?”) RECAST. Consider the following suggestion:

It is our mission therefore to produce well–rounded, humane, honest, principled Christian

postgraduate degree holders who will contribute meaningfully to the progress and general development of the world.

Objectives of the Programme

The main thrust of the programme is to train and develop high-level skilled manpower in the context of university philosophy of integration of faith and learning, which is the bedrock of any nation. The culture of excellence in teaching, research and service will be nurtured in the student enrollees.

The products of this programme will develop Christ-like characters and correspondingly impact any sector of the nation/economy wherever they will be employed passively and spirituality. The University is most likely to solve, to some extent, the current staff shortage particularly those with the background of Adventist faith and some of the graduates that are exceptional could be absorbed as junior academic staff-in-training.

Specific Objectives:

- To meet the communication needs of the church and the nation at postgraduate level noting the vital role communication plays in human existence.
- To Upgrade the proficiency of the undergraduate course to meet the three levels of Broadcasting, Journalism and Publishing Studies and Public relations and Advertising.
- To inculcate the sense of discipline and responsibility, mentally, spiritually and physically in ethical and moral practice of their discipline.

The programme is designed to assist in achieving the mission and objectives of our institution in terms of its role and scope within the total system of Seventh-Adventist high education in our union and division by training media practitioners to promote specific values which are core to our existence – integrity, excellence, transparency, responsibility and dignity and commitment for which the SDA Church is noted, and give media practice a distinctively unique Christian orientation for service.

POSTGRADUATE DIPLOMA (PGD) IN MASS COMMUNICATION

THE PROGRAMME

The Postgraduate Diploma (PGD) in Mass Communication was designed primarily for:
Non–Mass Communication degree holders; HND – Mass Communication holders
HND –Non-Mass Communication holders

ADMISSION REQUIREMENTS

Candidates for admission into Post-Graduate Diploma shall:

- Have an undergraduate degree in any discipline other than Mass Communication; an HND in Mass Communication; an HND in a non-mass communication field or any other discipline or any appropriate qualification from Babcock University or any other university/polytechnic recognized by the senate of Babcock University.
- Have obtained the equivalent of a minimum of 3.0 CGPA in the degree or HND
- Have an undergraduate degree in Mass Communication from Babcock University or any other university recognised by the senate of Babcock University with a Third Class Division
- Have satisfied the Department in a selection process.
- Have satisfied other admission requirements of the College of Postgraduate Studies.

GRADUATION REQUIREMENTS

To obtain a Postgraduate Diploma in Mass Communication, a student must:

- Pass a minimum of 24 units made up of 20 compulsory units and 4 elective units
- Make a CGPA of not less than 3.0 (on a 5.0 scale) in order to progress to the M.Sc. programme.
- Submit a supervised professional or research project weighted 4 units - Satisfy all other requirements, including the prescribed period of study.

GEDS	CORE COURSE	ELECTIVES	TOTAL
4	16	4	24

LIST OF COURSES FOR PGD IN MASS COMMUNICATION

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem
	GENERAL COURSES		
GEDS 701	Religion and Society	2	
GEDS 722	Statistics for Humanities		2
	CORE COURSES		
MCOM 701	Principles of Mass Communication	2	
MCOM 711	Research Methods in Mass Communication	2	
MCOM 721	Principles of Advertising and Public Relations	2	
MCOM 731	News Reporting and Editing	2	
MCOM 702	History of Nigeria Mass Media		2
MCOM 712	Media Law and Ethics		2
MCOM 7--	Electives*	2	2
MCOM 790	Research Project		4
	TOTAL = 24 Credits	12	12

* Choose one elective each during first and second semesters (two elective courses in all).

ELECTIVES

MCOM 741	Media Relations	2	
MCOM 751	Radio and TV Studio Operations	2	
MCOM 722	Broadcast/Film Production		2
MCOM 732	Community Relations		2
MCOM 742	Feature Writing		2
MCOM 752	Radio/TV Drama and Documentary Production		2
MCOM 762	Advert and PR campaign Mgt.		2

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 701 RELIGION AND SOCIETY 2 Credits

GEDS 722 STATISTICS FOR HUMANITIES 2 Credits

MCOM 701 PRINCIPLES OF MASS COMMUNICATION 2 credits

This course introduces students to the basics of communication. It will treat forms of communication, processes of communication and elements of communication. The different media as well as some elementary models underlining the art and science of communication will be treated.

MCOM 711 RESEARCH METHODS IN MASS COMMUNICATION 2 credits

This course introduces students to the fundamentals of the scientific research process and tradition. Students are taught how to search and recognize research topics in mass communication, the place of variables, concepts, hypothesis and theory in research. Validity and reliability test, research design, data gathering instruments, population samples, as well as the processing of data to arrive at conclusions that closely approximate reality are taught.

MCOM 721 PRINCIPLES OF ADVERTISING AND PUBLIC RELATIONS 2 credits

The aim of this course is to introduce students to the principles of advertising and public relations as major tools of modern marketing communications. It teaches classification of advertising and public relations by publics/audiences, source, media, functions, etc. It exposes students to models of how PR/AD works, elements of PRAD process, the participants in the PRAD process, the agencies as well as other relevant elements.

MCOM 731 NEWS REPORTING AND EDITING FOR PRINT MEDIA 2 credits

The course exposes students to the rudiments of reporting and editing. Course content includes the principles of news reporting, the qualities of news, and how to edit for facts, logic, rhetoric and grammar as well as different journalistic reporting style.

MCOM 741 MEDIA RELATIONS 2 credits

As an offshoot of public relations, this course probes the relevance of media relations to public relations functions. The different tools of media, how to write publishable PR materials, how to invite journalists to an event, and how to organize a successful media campaign will be explained.

MCOM 751 RADIO AND TV STUDIO OPERATIONS 2 credits

This course is an advanced analysis of radio and television studio and control room technology. It also incorporates practical exercises in studio set-up, standard operation procedures and use of studio facilities.

MCOM 702 HISTORY OF NIGERIA MASS MEDIA 2 credits

The course chronicles the evolution of indigenous media from the pre-colonial era, through the colonial period to contemporary times. The objective of the course is to highlight how our peculiar environment reconfigured the practice of journalism in Nigeria and how journalistic practice has shaped the course of our history.

MCOM 712 MEDIA LAW AND ETHICS 2 credits

The course takes students through some of the statutes and common laws as well as certain ethical

injunctions that affect communication practices in Nigeria. Students will be exposed to constitutional guarantee for the practice of journalism and laws like contempt, defamation, sedition, obscenity, government protected information, intellectual property, NUJ codes, etc. The Freedom of Information Act will also be examined.

MCOM 722 BROADCAST/FILM PRODUCTION

2 credits

This course examines the different theories and techniques of producing film and other broadcast programmes for different audiences. It examines the roles of various production personnel, procedures as well as and challenges of programme production.

MCOM 732 COMMUNITY RELATIONS

2 credits

The public relations course exposes students to the imperative of community relations for organizations, especially transnational corporations. Some tested models and strategies for designing and implementing community relations campaign will be discussed.

MCOM 742 FEATURE WRITING

2 credits

The relevance of feature as an outlet for members of the general public to air their opinion and participate in the socio-economic development of their community will be delved into. The course will concentrate on developing the writing capacities of the students.

**MCOM 752 RADIO/TV DRAMA AND DOCUMENTARY
WRITING AND PRODUCTION**

2 credits

The course is an in-depth study of the process of Radio and TV drama and documentary production. Students are taught the techniques of writing radio and TV scripts and the principles of adaptation of drama scripts. The course also examines the elements of drama and documentary and the various skills involved in scripting, docking, casting, directing and budgeting and performance. There shall be equal emphasis on theory and practice.

MCOM 762 ADVERT AND PR CAMPAIGN MANAGEMENT

2 credits

The course teaches students how to harmoniously use PRAD to advocate the qualities of a product, service or idea. It examines how to analyze a product under the situation analysis, design a SWOT, set objectives, map strategies, implement strategies tactically and evaluate the outcome of the efforts.

MCOM 790 RESEARCH PROJECT

4 credits

The research project presents an opportunity for students to bring to bear what they have learnt. Mass Communication research methods theory course allows students to critically examine and carry out in-depth research in an area of interest in either Print or Broadcast media, or Advertising and Public Relations. The research must show originality and understanding of basic concepts and theories in Mass Communication

MASTER OF SCIENCE (MSc) IN MASS COMMUNICATION

A. Objectives of the Programme

In deference to the mission of Babcock University, the objective of the M.Sc programme is to produce graduates in Mass Communication, who would employ the power of the media to promote Godly virtues by applying the ethics of mass media practice.

The media have been recognized as powerful tools for social engineering and political manipulation. In the bid to employ the power of the media for political ends, the players in the socio-political milieu have misused the media to promote cultures that are detrimental to social

progress. The Postgraduate in Mass Communication aims to produce graduates who would employ the power of the media to promote Godly virtues by prudently applying the benefits of programme for human progress.

With the inclusion of courses from the Religious Studies Department, the Mass Communication programme is expected to produce individuals who would approach their private, professional and family lives from the perspective of the word of God as taught by the Seventh Day Adventist Church. This includes, but not limited to the sanctity and sacredness of the family, the pursuit of good health and healthy living as enunciated in the word of God.

The Postgraduate programme in Mass Communication aims to produce men and women who are capable of critical thinking and problem solving. They would be expected to employ creative thinking skills by looking out of the box in proffering solutions to problems of everyday social, political and cultural life.

The program would achieve the mission and objectives of our institution in terms of its role and scope within the total system of Seventh-day Adventist higher education in our union and division by training media practitioners to promote specific values which are core to our existence – integrity, excellence, transparency, responsibility, dignity and commitment for which the SDA Church is noted, and give media practice a distinctively unique Christian orientation for service.

Graduates from this programme should be able to:

- (i) Demonstrate critical skills in methods of information collection, organization, management, and circulation.
- (ii) Write and circulate credible news and advertisements.
- (iii) Research and write a standard masters dissertation.
- (iv) Serve the Church and the society at large effectively in areas such as broadcasting, journalism, publishing, and public relations.
- (v) Demonstrate high standards of personal as well as professional discipline and responsibility in general Mass Communication duties and services.
- (vi) Set up and manage a standard media center.
- (vii) Promote specific values which are core to responsible media practice and service.

Job Opportunities for Students on Completion

Graduates of Mass Communication are needed by organizations in both private and public sectors of the Nigerian economy. With the existing and emerging specializations in the field, graduates can fit into the challenges of new job areas. The entrepreneurial and practical orientations of the programme equally predispose graduates to becoming self-employed. Mass Communication graduates work as advertising managers, brand managers, communication specialists, public relations managers, copy writers, radio and television programme producers, speech writers, editors and so forth.

Rationale

This programme is geared towards producing God-fearing professionals in Broadcasting, Public Relations, Advertising, Marketing Communication, Journalism, Publishing- these are core professional courses in Mass Communication with utilitarian values for the environment in which we are situated which is surrounded by major cities with enterprises which will draw from the rich pool of our programme and products. This is apart from our immediate constituency, the church, with its vibrant communications policy giving room to radio and television programming for evangelistic purposes in the spread of the gospel of Christ. Going by the prospects of our graduates in the undergraduate programme, who are in high demand because of the multi-faceted educational grounding they had here, making them versatile, and employed in all facets of life, we can confidently say that our postgraduates have high prognostic values inside and outside of the church.

This institution has been a core training centre for the church for over 50 years in the West and Central Africa Division. It still takes in prospective candidates from other church territories outside the Division. As such, it provides an avenue for training for interested persons serving within and outside the church. This training programme is supported by high calibre God-fearing and Christ-centered professionals in a faith-based institutional environment. This is also complemented by an established FM Radio Station (2006) and an Adventist World Radio (AWR) Production Center (Established in 1999). These serve as laboratories for hands on application purposes.

Institutional Experience in the Programme Area

The undergraduate programme in Mass Communication started in 1999 and it produced its first set of graduates in 2003. Since then, the Department has produced an increasing number of graduates.

The masters programme is designed to build upon this experience and advance the University's vision to train and produce higher level manpower.

Indirect Benefits

Globally, media operators are known to play pivotal roles in advancing the course of a given system. It is hoped that graduates of this programme would continue to use the instrumentalities of the media in proclaiming the virtues of the university and the good news of the kingdom as enunciated in the teachings of the SDA church.

Impact on the Institution

The programme has over the years attracted large enrolments of candidates and this has consequently afforded the university the opportunity for a bigger field from which to reap souls into the Kingdom by way of evangelism to the students.

Summary

The M.Sc in Mass Communication has a unique selling point to flag among its competitor. This is the fact that graduates from its programme would go away with an orientation to disseminate information with good conscience. Power does not reside in the possession of information, but in its application. When information is appropriately applied, the human society is empowered to liberate itself from limitations and attain unto its full potentials. Although the M.Sc programme would welcome graduates from different university backgrounds, they would be expected to appreciate the task of handling information for developmental perspectives purposes in whatever areas they choose to practice. The course is designed to recognize the media of mass Communication as tools in the hands of a content provider. Thus with good content, the media could revert to the basic roles of being one of the most versatile change objects made by man.

B. Course of Study Leading to the Proposed Degree

Postgraduate programmes in Mass Communication are offered by a few first generation universities in Nigeria. Currently, there are just about two private universities that run such a programme. The Babcock University programme was designed taking the peculiarities and characteristics of these projections into consideration. The curricula of some foreign universities also provide useful resources. This was done to give the programme a global outlook with the view to ensuring that our products have global market value. The areas of specialisation offered are:

1. Journalism and Publishing Studies
2. Broadcasting
3. Public Relations and Advertising
4. Development Communication

Admission Requirements

Candidates for admission to the Master of Science programme in Mass Communication shall:

- Have an undergraduate degree in Mass Communication or a related discipline or any other relevant qualification from Babcock University or any other university recognized by the Senate of Babcock University, with a Second Class Lower division and above.
- Have obtained a minimum of 3.0 CGPA in the degree of Postgraduate Diploma.
- Have satisfied the Department in a selection process.
- Have satisfied other admission requirements of the College of Postgraduate Studies.

Graduation Requirements

To obtain Master of Science degree in Mass Communication, a candidate must

- Pass a minimum of 46 units made up 40 units of course work and 6 units of Dissertation within the duration of three semesters.
- Make a cumulative GPA of not less than 3.00.
- Submit a supervised Dissertation weighted 6 units and pass the oral defense examination.
- Satisfy all other requirements, including the prescribed period of study.

GEDS	CORE COURSE	ELECTIVE	TOTAL
4	24	18	46

LIST OF COURSES FOR THE M.SC IN MASS COMMUNICATION

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL COURSES			
GEDS 801	Religion, Faith and Morality	2		
GEDS 822	Intermediate Statistics for Humanities		2	
	CORE COURSES			
MCOM 800	Biblical Foundation for Human Speech and Communication		3	
MCOM 801	Theories of Communication	3		
MCOM 811	Research Methods in Communication	3		
MCOM 821	Media Law and Ethics	3		
MCOM 822	Communication for Development		3	
MCOM 870	Seminar in Communication		3	
MCOM 8--	Electives*	9	9	
MCOM 890	Dissertation			6
	TOTAL = 46 Credits	20	20	6

** Students are to select three (3) elective courses (9 credits) – one from each of the groups – in the first and second semesters, guided by the HOD and Departmental PG Coordinator.*

ELECTIVES

Broadcast Communication

MCBC 802	Broadcast Programming and Evaluation		(3)
MCBC 801	Station Operations Management	(3)	
MCBC 812	Advanced Production Techniques (TV/Film)		(3)
MCBC 811	Advanced Production Techniques (Radio)	(3)	
MCBC 821	Advanced Studies in Announcing and Presentation	(3)	
MCBC 824	Topical Issues in Broadcasting		(3)

Journalism and Publishing

MCJP 801	Advanced Studies in Print Journalism	(3)	
MCJP 802	Newspaper and Magazine Management and Production		(3)
MCJP 811	Editorial Management	(3)	
MCJP 812	Advanced and Specialized Writing		(3)
MCJP 821	History and Development of Book Publishing	(3)	
MCJP 824	Topical Issues in Journalism and Book Publishing		(3)

Public Relations and Advertising

MCPR 801	Environments of PR and Advertising	(3)	
MCPR 802	Creative Workshop in PR and Advertising		(3)
MCPR 811	Financial Public Relations	(3)	
MCPR 812	Consultancy Services in Mass Communication		(3)
MCPR 821	Advertising and Society	(3)	
MCPR 824	Topical Issues in PR and Advertising		(3)

COURSE DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 801: RELIGION, FAITH AND MORALITY **2 Credits**

GEDS 822: INTERMEDIATE STATISTICS FOR HUMANITIES **2 Credits**

MCOM 800 BIBLICAL FOUNDATION FOR HUMAN SPEECH AND COMMUNICATION **3 Credits**

The origin of the evolution of human language finds its fundamental expression in the confusion of the human language by God at Babel. This course therefore, using biblical principles as the foundation, is primarily designed to serve as a springboard that will launch students into the various theories on the origin of human speech communication, interpersonal, group and public communication. At the introductory stage, the course would focus on the development of language and how non-verbal communication works in our interactions with others. Based on the aforementioned premise, there would be in-depth examination of communication skills, verbal and non-verbal communication with special emphasis on language, style, language

appropriateness and diction. All the above mentioned would be effectively handled to integrate faith into the learning process. Taking into consideration the fact that listening plays a major role in the effective communication process, the course also critically examines the listening process, different listening habits and various ways through which the act of listening could be enhanced in audience. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

MCOM 801 THEORIES OF COMMUNICATION

3 Credits

The course examines the process and elements of communication from the source to feedback bearing in mind the incurable fragmentation of the traditional audience of media as a result of the diversification of the modes and channels of mass communication on the one hand, and the accelerating growth of network of communication on the other hand. Particular attention will be devoted to the theoretical challenge facing academics in propounding theories that not only capture the rapidly evolving new media technology and new media applications but that also recognizes the proactive, restive and independent personality of contemporary audience as against the docile and accepting nature of past ones.

MCOM 811: RESEARCH METHODS IN COMMUNICATION

3 Credits

The course is designed to enable students to improve their research communication skills. It explores the nature of communication research and its three paradigms. It examines communication research using the qualitative, quantitative and textual approaches. The course covers essential ideas in research design, instrumentation, data collection methods and analysis. It examines research concepts such as sampling, significance, validity and reliability, survey design, focus groups, experiments, content analysis as well as ethics in communication research. Students are taught to do critical review of researches and studies with a view to understanding the research process.

MCOM 821 MEDIA LAW AND ETHICS

3 Credits

The combined course crucially examines on the one hand, legal framework in which mass communication operates in Nigeria (both the print and broadcast media) and in some advanced countries of the world. It also focuses on the development of the constitutional growth of freedom of expression in Nigeria. The various laws which affect the practice of journalism are studied in relation to the criminal code in Nigeria. These laws include sedition, libel, defamation, slander, contempt of court, obscenity, privacy, ownership and the copyright law. The code of ethics of regulatory bodies, such as the Nigerian Broadcasting Commission, the Press Council and Advertising Code are also studied. The ethics part examines the intellectual tools for making difficult moral choices in both our personal and professional lives. It offers opportunity to teach students sound ethical precepts that engage the conscience which often contends with conflicting morally defensible course of action.

MCOM 822 COMMUNICATION FOR DEVELOPMENT

3 Credits

Development Support Communication (DSC) is purposive Communication planned for Development Support Activities. It is linked with the concept of sustainable development as conceived and funded by the United Nations (UN) System. It is an innovation in the Community Development (CD) focused on the utilization of communication technology and training of stakeholders in development for popular participation. This course will discuss DSC conceptual and historical development, the operational areas, delivery strategies and methodology, and the services offered. The practical aspect of the course will involve students in group exercise on the global implications of DSC, written assignments on state of the arts in DSC, project writing and discussions on lessons learnt in the operation of DSC in developing countries.

MCBC 802 BROADCAST PROGRAMMING AND EVALUATION

3 Credits

Broadcast programmes must be responsive to properly determined needs of the targeted audience

and in order to achieve this, research must be conducted to determine the demographic composition of the coverage area, identify community needs and consult target audience and stakeholders. This course will therefore address the scope and nature of Mass Media Generating programmes ideas, Building strong enduring relationship between the broadcast station and its various audiences, the programme implementation process and Evaluation of Broadcast programmes. The practical sessions will engage students in field activities on programming to meet Audience needs and Mass Media Impact Studies.

MCBC 801 STATION OPERATIONS AND MANAGEMENT 3 Credits

This is a detailed and systematic analysis of broadcast studio, control room Technology and standard procedures. It also examines programme planning/scheduling, traffic control and personnel management.

MCBC 812 ADVANCED PRODUCTION TECHNIQUES (TV/FILM) 3 Credits

This course examines extensively the theory and operations of television cameras and television audio system and its application to multiple-camera production. It also looks at cinematic elements and motion picture sounds

MCBC 811 ADVANCED PRODUCTION TECHNIQUES (RADIO) 3 Credits

This is an in-depth study of the principle of audio signal, processing and practical application or microphones, amplifiers, equalizers and other equipment.

MCBC 824: TOPICAL ISSUES IN BROADCASTING 3 Credits

This course provides an opportunity for students to acquire a broad understanding of critical issues that affect the broadcast industry in Nigeria. Students are required to present papers which are discussed and critiqued. The course aims to provide students with the basic tools to understanding the vital issues that underpin the practice of broadcasting from the perspectives of media training, media practice and regulation. Some topics that would be covered include: journalism and media training, broadcast pluralism and deregulation, the National Broadcasting Commission and broadcast licensing, community radio, broadcasting and the political process, media ownership, objectivity and control, media funding and sustainability, broadcast digitization, broadcasting and the Nigerian legal environment.

MCBC 821 ADVANCED STUDIES IN ANNOUNCING AND PRESENTING 3 Credits

This course looks in details at the different techniques for announcing and presentation of programmes.

MCJP 801 ADVANCED STUDIES IN PRINT JOURNALISM 3 Credits

This is an in-depth study of the principles and philosophy in print journalism. The students learn to analyze the functions of news, interpretation and opinion.

MCJP 802 NEWSPAPERS AND MAGAZINE MANAGEMENT AND PRODUCTION 3 Credits

This course looks comprehensive at the management and economic theories as well as the application of the theories to the management process in newspaper and magazine business. It also examines the production procedure in newspaper and magazine.

MCJP 811 EDITORIAL MANAGEMENT 3 Credits

This course explores the strategic position of editorial function as the core of the publishing enterprise. It is concerned with the planning, control, and coordination of human and material resources in the publishing industry. It therefore targets the development of managerial skills in

the publishing organization. The course will address basic managerial and leadership functions and processes for the realization of the corporate goal of the publishing house as information processing and disseminating institution that is socially responsible, yet advancing a virile business portfolio.

MCJP 812 ADVANCED AND SPECIALIZED WRITING 3 Credits

This course deals with skills gained in basic media writing. It explores the development in advanced skills in editorial writing, news features, special columns, press releases, advertorials, communiqués, and report writing. It also seeks in-depth studies in business reporting, scientific and technical writing, sports and weather reporting as well as reporting on the environment.

**MCJP 821 HISTORY AND DEVELOPMENT
OF BOOK PUBLISHING 3 Credits**

This course is a comprehensive and detailed development of book publishing in Nigeria from the colonial period to the present days. A study of the processes involved in publishing right from manuscript acquisition to actual manufacture.

MCJP 824 TOPICAL ISSUES IN BOOK PUBLISHING 3 Credits

This is a course designed to make students at this level to critically examine the Nigerian journalism and publishing environment and come up with laudable issues that are worthy of attention which they must logically proffer solutions to.

MCPR 801 ENVIRONMENTS OF P.R AND ADVERTISING 3 Credits

This course critically examines how Public Relations and Advertising affect their micro and macro environments but more importantly how uncontrollable factors like politics, economy, law social facts, technology, natural facts and the competitive environments nurture and constrict the practice of Advertising and Public Relations in Nigerian. Particular attention will be paid to how participants in the Nigerian Public Relations and Advertising landscapes have all responded to these environmental challenges.

MCPR 802 CREATIVE WORKSHOP IN ADVERTISING AND PR 3 Credits

This is a course that is designed to challenge students to research on topical issues in advertising and public relations field. It is expected that the outcome of some of the issues raised will serve as eye opener to regulators in these fields, and constitute a catalyst in the improvement of the practice of advertising and public relations in Nigeria.

MCPR 811 FINANCIAL PUBLIC RELATIONS 3 Credits

This course reviews in detail techniques for planning, budgeting, designing, writing and distribution of corporate financial publications. An examination of the functions of financial institutions also forms an integral part of instruction for students. It looks in-depth at the Nigerian Stock Exchange and Securities and Exchange Commission in relationship to protection of interest of investors and as part of corporate public relations. The place of banks, insurance companies, stockbrokers and rating agencies will all be examined.

**MCPR 812 CONSULTANCY SERVICES IN PR
AND ADVERTISING 3 Credits**

The aim of this course is to teach students how to plan, manage and follow up on consultancy services. Students are expected to, at the end of this course, be able to set up their own consultancy services in various areas of Mass media, having learnt every intricacies connected to this venture. This will include hypothetical and real-life cases designed to polish the managerial capabilities of the students in readiness for the labour market.

MCPR 821 ADVERTISING AND SOCIETY**3 Credits**

The course advertising and society critically examines how the society is influenced or affected by advertising and how, and in what ways advertising is being moderated and shaped by the society. Emphasis would be on communication and the various media through which adverts can get to the various target audience as well as the likely effects these advert messages could have on the audience. In the light of the current trend in new media which has also become a major media of advertising in Nigeria, the course would critically raise to the plain of discussion various regulations and policy put in place in Nigeria to moderate the process of advertising in the country. Based on the notion that every society is a product of culture, there would be critical evaluation of the different components of this phenomenon to check how it affects advertising and vice versa.

MCPR 824 TOPICAL ISSUES IN PR AND ADVERTISING**3 Credits**

Topical issues and Advertising and Public Relations is a course that is designed to make students at this level to critically examine the Nigerian advertising and public relations environment and come up with laudable issues that are worthy of attention which they must logically proffer solutions to. Issues that would be raised are expected to take into consideration the much needed integration of faith in our declining world. It is also expected that emphasis would be laid on the new media which is fast becoming a formidable medium even in a developing country like Nigeria.

MCOM 870 SEMINAR IN COMMUNICATION**3 Credits**

This seminar course is designed to challenge students to research on topical issues in communication field. The structures and actors of contemporary dominant media will be identified and critically examined. It is expected that the outcome of some of the issues raised will serve as eye opener to practitioners in this field and constitute a catalyst in the improvement of the practice of communication in Nigeria.

MCOM 890 DISSERTATION**6 Credits**

The thesis allows student to critically examine and carry out research in areas of interest, in either print or broadcast media, public relations or advertising. The thesis must show originality and understanding of concepts and theories in mass communication. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies.

MASTER OF PHILOSOPHY (MPhil) IN MASS COMMUNICATION

COURSE CONTENT FOR MPhil IN MASS COMMUNICATION

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES				
GEDS 901	Personal and Family Wholeness	2			
GEDS 932	Advanced Statistics for Humanities		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
MCOM 901	Comparative Theories of Communication	3			
MCOM 906	Qualitative Communication Research		3		
MCOM 924	Comparative Studies of National Comm. Systems		3		
MCBC 901	Special Topics in Broadcast Communication	3			
MCPR 901	Public Relations and Advertising Management and Administration	3			
MCJP 942	Advanced Sociology of Mass Comm.		3		
MC ---	Electives*	3	3		
MCOM 880	MPhil Seminar			3	
MCOM 890	MPhil Dissertation			(8)	8
	TOTAL = 43 Credits	16	16	3	8

* See the list of Elective Courses under the PhD programme.

DOCTOR OF PHILOSOPHY (PhD) IN MASS COMMUNICATION

Postgraduate programmes in Mass Communication are offered by a few federal and state universities in Nigeria. The Babcock University programme was designed taking the characteristics of programmes at these institutions into consideration. The curricula of some foreign universities also provided useful points of reference. This was done to give the programme a global outlook with the view to ensuring that its products would have a global market value.

The Mass Communication programme at Babcock University is as old as the Institution itself, having begun among the pioneer courses offered by the University. To the present date, the Department has graduated hundreds of students many of whom are employed within and outside Nigeria. There are also other graduates of the department who have taken postgraduate courses in other Universities within and outside Nigeria.

A unique selling point of the doctoral programme in Babcock University would be the opportunity for candidates on the programme to experience and benefit from the unique educational edge that the Seventh-day Adventist education offers, which is the fusing of faith and learning other benefit of the programme included. This holistic education becomes particularly important taking into account the power of the media of mass communication. Doctoral candidates at Babcock University would be taught to explore ways to use the media positively for a more Christ-like and godly society.

The programme is designed in alignment with the mission and vision of Babcock University, which builds on the total growth and development of the person, through the training of the head, heart and hands for effective leadership and relevance in the society.

MISSION STATEMENT

Advance the mission of the church by honing the communication skills of students to reposition them for the challenges of the time.

A. Objectives of the Programme

The media have been recognized as powerful tools for social engineering and political manipulation. In the bid to employ the power of the media for political ends, the players in the socio-political milieu have misused the media to promote cultures that are detrimental to social progress. The PhD programme in Mass Communication aims to produce graduates who would employ the power of the media to promote Godly virtues by prudently applying biblical ethics to Mass Media practice.

With the inclusion of courses from the Religious Studies Department and an integration of faith through the entire curriculum, the Mass Communication programme is expected to produce individuals who would live their private, professional and family lives in the light of the Word of God as taught by the Seventh-day Adventist Church. This includes but is not limited to the sanctity and sacredness of the family, the pursuit of good health and healthy living, the care of the environment, and the practice of integrity and compassion, as delineated in the Word of God.

The PhD programme is research-based. To this end, it aims to produce individuals who are capable of applying the fundamental principles of research in solving everyday social, economic and political problems, as these relate to the area of Mass Communication. They shall be expected to develop basic research problems and formulate designs to solve them with appropriate research tools and apply the findings to solving problems within the society.

The areas of specialisation offered are:

1. Journalism and Publishing Studies
2. Broadcasting
3. Public Relations and Advertising
4. Development Communication

The specific objectives of the programme include:

- i) To upgrade the intellectual capacity of students to appreciate the role of the mass media in modern society.
- ii) To improve the ability of students to tap into the principles and techniques of mass communication to produce communication material and programme that promote the church campaigns.
- iii) To refine the orientation of students to internalize the quantitative and qualitative approaches to empirical research in the field of modern mass media study.
- iv) To sharpen and deepen students understanding of the place of new media in modern mass communication practice.
- v) To provide better opportunities for students to engage in experiential learning through exposure to internship and practical studies session that seeks to leverage theoretical advances in specialized areas of communication.
- vi) To advance the knowledge and management capacities of students to roundly fit them into the communication function of pan-profit organization and transnational nongovernmental institutions.

Admission Requirements

Prospective candidates for admission into the Ph.D programme in Mass Communication are required to have a Master's degree in Mass Communication with at least a weighted average score of 60% or a CGPA of 4.00 (on a 5-point scale) from Babcock University, or from any other institution recognized by the BU Senate. Candidates are required to submit official transcripts for verification.

- a. Candidates with a CGPA of between 3.50 and 3.99 on a 5-point scale or between 55 -59% in the Master's degree in Mass Communication, may be admitted into the PhD programme on the condition that they successfully complete a minimum of 16 credit units of remedial courses at Master's level coursework in Mass Communication at Babcock University with a CGPA of not less than 4.00 on a 5-point scale before commencing any coursework in the PhD in Mass Communication programme.
- b. Candidates with a CGPA of between 3.00 and 3.49 on a 5-point scale or 50 -54% at the Master's level shall be admitted into the MPhil Programme which shall run for 2 years (4 semesters). In the first year, the MPhil candidate will be expected to complete the first year (2 semesters) of PhD coursework. In the second year, the MPhil candidate will complete the MPhil program, with a supervised MPhil thesis. The MPhil must be completed with a minimum of 60% for the candidate to be eligible for regular admission into the PhD in Mass Communication. After the successful completion of all requirements for the MPhil, the candidate may directly proceed to the second year of the PhD programme. However, credits in the MPhil years will not count for the last two years of the PhD.
An MPhil in Mass Communication from Babcock University, with a minimum proficiency level of 60%, will count for the first year of the PhD programme, with the student commencing with the activities of the 2nd year of the PhD programme of studies. If the student has an MPhil in Mass Communication from any other institution, with a minimum proficiency level of 60%, the student will commence with the first year of the PhD programme of studies.
- c. The candidates must have satisfied:
 - The Department in a selection process, and

- All other admission requirements of the College of Postgraduate Studies.

Note: Much as professional experience could be an added advantage in the admission selection process based on the departmental postgraduate Board's assessment, no amount of professional experience may be counted to waive a deficiency in the program requirement.

Policies pertaining to admissions to a PhD programme

- *Regular admission* to a PhD programme may be granted when the applicant brings a Master's degree from a recognized university and all admission requirements have been successfully completed.
- *Provisional admission* to a PhD programme may be granted when the applicant brings a Master's degree from an institution whose recognition cannot be adequately determined (especially in the case of a foreign institution), but who otherwise has successfully completed all other admission requirements to the PhD programme.
- *Conditional admission* to a PhD programme is granted when the applicant brings a Master's degree in a non-related area or in a professional rather than academic programme and must consequently complete remedial coursework. No coursework may be taken which will be counted as part of the doctoral programme while the student is under conditional admission.

Note: The CPGS policies on transfer of credits will be strictly adhered to while handing the cases of students who have started the PhD programme in another university but wish to transfer earned credits to a Babcock University PhD programme should they wish to transfer to Babcock University.

- The Department reserves the right upon the approval of the CPGS to offer or deny admission to prospective applicants based on existing faculty and/or staffing needs, budgetary considerations, strategic needs/plans, and so on.

Graduation Requirements

Candidates for the PhD will be required to complete two years (four semesters) of coursework in areas related to the focus of their PhD programme, and then will spend a minimum of one year (two semesters) developing and successfully defending a doctoral thesis, thus carrying out research related to the attainment of the PhD.

Coursework for the PhD shall amount to 46 credits, and the thesis shall amount to 16 credits, for a total of 62 credits. The thesis must be approved by the designated internal and external examiners. The minimum CGPA for graduation shall be 4.0 on a 5-point scale.

GEDS	CORE COURSE	SPECIALIZATION	ELECTIVES	TOTAL
8	39	9	6	62

COURSE CONTENT FOR PhD IN MASS COMMUNICATION

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
		1st Sem	2nd Sem	1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 932	Advanced Statistics for Humanities		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
MCOM 900	Christian Faith in Mass Communication			3			
MCOM 901	Comparative Theories of Communication	3					
MCOM 911	Communication Policy Planning and Development			3			
MCOM 906	Qualitative Communication Research		3				
MCOM 924	Comparative Studies of National Comm. Systems		3				
MCBC 901	Special Topics in Broadcast Communication	3					
MCPR 901	Public Relations and Advertising Management and Administration	3					
MCJP 942	Advanced Sociology of Mass Comm.		3				
MC ---	Electives*	3	3				
MCOM 970	Doctoral Seminar I			4			
MCOM 980	Doctoral Seminar II				4		
MCOM 990	Thesis			4	4	4	4
	TOTAL = 62 Credits	16	16	14	8	4	4

** Select one elective course in 1st and 2nd semesters respectively in the 1st Year (two in all), guided by the HOD and Departmental PG Coordinator.*

ELECTIVE COURSES

MCBC 917	International Broadcasting and Global Affairs	3 Credits
MCBC 977	Advanced Broadcast Production Techniques	3 Credits
MCJP 966	International News Institutions	3 Credits
MCJP 904	Publishing Management and Administration	3 Credits
MCPR 919	Management of Public Relations and Advertising	3 Credits
MCPR 952	Public Perception, Propaganda and Disinformation	3 Credits
MCPR 982	Advertising & Public Relations Regulations	3 Credits

COURSE DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 901: PERSONAL AND FAMILY WHOLENESS 2 Credits

GEDS 932: ADVANCED STATISTICS FOR HUMANITIES 2 Credits

GEDS 911 RESEARCH PROPOSAL AND WRITING 2 credits

GEDS 912 ADVANCED RESEARCH DESIGN 2 credits

MCOM 880: MPHIL SEMINAR 3 Credits

This course is designed to teach students how to engage in critical research writing, especially bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. It also exposes students to how to write internationally acceptable articles on methodology and design as well as prepares the student toward meaningfully engaging in the process of writing the Dissertation. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

MCOM 890: MPHIL DISSERTATION 8 credits

Independent study of a topic approved by the department under the supervision of a lecturer in the department. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the project work.

MCOM 900 Christian Faith in Mass Communication (3 credits)

The course offers an insight into the interface between the Christian faith and communication. It explores the various kinds of communication from the biblical perspective. Relying on cases and instances in the Bible, the course examines the teachings of Scripture concerning the relation between faith and media. The class is exposed to necessary ingredients needed for effective and principled interpersonal, intercultural, group family and other forms of communication. Selected ethical and moral issues from the perspective of communication theories and practices will be considered. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

MCOM 901 Comparative Studies in Theories of Communication (3 credits)

This course builds on the undergraduate study of communication theories by examining the subject in greater details. It analyses each theory of mass communication on its merits by highlighting its relevance to the society and the media of mass communication. Recent additions of communication theories from such fields as sociology, psychology, information technology, and sociolinguistics are discussed. The course would evaluate these theories from the foundation of the word of God.

MCOM 911 Communication Policy Planning and Development (3 credits)

The course will comprehensively examine the systematic approach in communication policy planning and development globally with specific reference to Nigeria's critical modes and variables in planning its communication system. Students will be taught the frame-work, theories and paradigms of development and the need for a National Communication policy that

approaches development from the perspective of the word of God.

MCOM 906: Qualitative Communication Research (3 credits)

The course would be taught as an independent but complimentary method of research in communication. It would examine research situations that are adaptive to qualitative research as well as qualitative research methods like participant observation, in-depth interview, and focus group discussion. It would explore sampling strategies in qualitative research. The course will also address the issues of transferability, applicability and fittingness in qualitative research. Other aspects of the course shall include recruitment and ethics as well as how to analyse data in qualitative research.

MCOM 922 Comparative Studies of National Communication Policies (3 credits)

The course offers a graduate-level survey of the political, cultural and economic foundations of communication policies. It examines the communication policies of various regions and nations with emphasis on the spiritual nature of mankind. The class employs development indexes in analyzing the communication policies and development conditions of nations. Attempts are made to establish relationships between the communication policies of nations and developments in such communication sectors as the mass media, urban and rural telephony, internet connectivity and international communication. National and international models of communication policies are used to explain how different societies organize and control their communication systems.

MCPR 952 Public Perception, Propaganda, and Disinformation (3 credits)

The seminar course examines the nature, history, use, and morality of propaganda by focusing on how it has been employed by nation-states during the twentieth and twenty-first centuries. It looks at the key elements of deception, counter deception, propaganda and disinformation as essential elements used by governments and non-state actors to pursue their interests by influencing and manipulating foreign public opinion. It attempts to create connectivity between the opinions of nations and biblical prophecies of end time with the goal of establishing the immutability of God's word. Case studies are drawn from World Wars I, and II, the Cold War, events leading up to the September 11 attack on the World Trade Center and the Pentagon; and the present-day global war on terrorism.

MCBC 901 Special Topics in Broadcast Communication (3 credits)

This seminar course highlights and discusses major topics in broadcasting within and outside Nigeria. Issues such as broadcast regulation, licensing, private radio, campus radio, ownership and independence, censorship, national security, National Broadcasting Commission, competition and profit, advertising regulations, training, etc are discussed. Students are required to present well-researched papers on these issues. It explores the unique role of broadcasting media in propagating the gospel of the kingdom.

MCJP 912 Consultancy Services in Print and Publishing (3 credits)

This seminar course is to provide guidance to students through seminars on various topics related to printing and publishing business. Course content will include processes, how to source for clients, writing business proposals, costing, estimating, and business management systems. Each seminar is customized for a particular audience, event, and schedule. At the end of the course students should appreciate the place of Godliness with contentment (I Tim. 6:6). Students would gain the knowledge of advising clients to adopt a God-centered approach in their business.

MCPR 901 Public Relations and Advertising Management and Administration (3 credits)

The main objective of this seminar course is to hone the critical capacities of students to analyze the underlying and behind-the-scene managerial decisions that ultimately justify and sustain the public relations and advertising campaigns behind varied brands in the international market.

Emphasis would be on Godly ethics and righteousness as foundations for Godly gain. The seminar-based course will utilize both real and hypothetical cases to provoke active role-playing and participation by students. The course content will cover the full gamut of public relations and advertising decisions from research, objectives setting, target audience/public selection, budgeting, message and media decisions, to evaluation of public relations and advertising programs.

MCJP 944 Film Production and Directing (3 credits)

This course will help students build on the competencies already acquired during their undergraduate and post graduate programmes in film theory, aesthetics, appreciation and criticism. It is to a large extent a course that will focus on practice rather than theory. It will afford every student the opportunity to express their ideas in production techniques by engaging in real time production of programmes in the areas of film. In line with the Seventh day Adventist philosophy of holistic education that drives the total development of individuals, this course will expose students to the rare privilege of having to translate their acquired theoretical knowledge of television and film into real production activities in the realm of film making. This course will focus especially on the detailed roles of the producer in producing and of the director in directing film production. Different film production industries' activities especially Hollywood, Bollywood and Nollywood will be looked into to understand how producers and directors have used different themes of activities in society over the years to influence film making around the world in the name of correcting societal ills. Ultimately, the department intends to develop short film productions or series that are Christian based that will also begin to teach high moral and puritan standards. Attempts will be made to engage in short contextualized productions around themes like the great controversy, eternal life and the adoption of a healthy life style, as taught in the Seventh day Adventist faith.

By the end of the semester, each student would have been involved in production activities that will promote good and moral living standards intended to implant in society a new and progressive manner of reasoning. Students will therefore have a rich and colourful, experience in film production and directing techniques.

Students will not only have built the courage and confidence to handle and coordinate film production, but will at the end of this programme, have contributed immensely to moral character building in society.

MCBC 917 International Broadcasting and Global Affairs (3 credits)

The course examines the place of international broadcasting in the affairs of nation-states. It analyses the motives for the heavy investment by nations in broadcasting to audiences beyond their shores. It looks at how international broadcasting has been used as an instrument of public diplomacy to shape international public opinion. The roles of various actors and players in international broadcasting in modern world politics and diplomacy are discussed.

It also examines the role of religious organizations in bringing the gospel to people through the means of direct-to-home broadcasting system, e.g., Hope Channel, Adventist World Radio, etc.

MCBC 977 Advanced Broadcast Production Techniques (3 credits)

This course is designed to familiarize students with technology types and use in broadcast production. The course is aimed at taking students through the various stages in radio and television production as well as the use of equipment such as microphones, cameras, audio and video consoles, lighting grid, telecine and film chain, etc. Classroom instruction will be heavily supplemented by practical production exercises. It explores ways of leveraging on these advanced broadcasting techniques to propagate the gospel.

MCJP 966 International News Institutions (3 credits)

The course looks at the historical development and growth of the world's major international news gathering and news disseminating organisations such as Reuters, AFP, CNN, TASS, Aljazeera, BBC, VOA, etc. It examines the working and functioning of these organisations and analyses their news gathering processes, internal structures and funding. Issues of objectivity, independence, regulation and control and novel news organisations are also discussed. Students are taken through the labyrinth of the news sourcing process from international news agencies. It emphasizes objectivity and balances biblical principles in gathering and dissemination.

MCJP 904 Publishing Management and Administration (3 credits)

This is a seminar course. It aims at critical examination of the structure and administration of the print media. Students are taken through contemporary issues specific to print media. Emphasis is on developing servant-leader approach to leadership skills for managing print media. Students learn team building and problem solving skills by examining cases and portfolio assignments that relate to the print media. The interface between the print media and online media, broadcast, public relations and advertising are examined.

MCPR 919 Management of Public Relations and Advertising (3 credits)

The course is designed to advance students' understanding and appreciation of the economic effects of advertising and public relations practices. Areas like the direct effects of advertising on sales, brand loyalty and market share stability and advertising economies of scale will be treated. The indirect effects of advertising on industry concentration, profit, entry and price will also be discussed. The objective of the classroom discussion will be to de-emphasize the sole use of profit margin as benchmark for analyzing public relations and advertising. The course will also examine key economic concepts and issues relating to public relations practice in Nigeria. It will seek to develop students' understanding from God's perspective of the principles of management and organization theory in modern corporate bodies.

MCPR 982 Advertising & Public Relations Regulations (3 credits)

A study of national and international Public Relations and Advertising institutions with particular concentration on the Nigerian Institute of Public Relations and Advertising Practitioners Council of Nigeria Code of Ethics. The course will seek to examine the full regulatory framework that determines the practice of advertising and public relations practice in Nigeria. The role of regulatory agencies like APCON, ADVAN, BON, NPAN OAAN MIPAN, NIPR, CPC HAFDAC NCC, etc will be examined. The course will highlight biblical principles of human and social regulations as backdrops for regulating the advertising and public relations industry. The need for PRAD regulation to be hinged on widespread public relations and the teachings of Christ will be accentuated.

MCOM 970 & 980 DOCTORAL SEMINAR I & II (4 : 4 credits)

This course is designed to teach students how to engage in critical research writing, especially bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. It also exposes students to how to write internationally acceptable articles on methodology and design as well as prepares the student toward meaningfully engaging in the process of writing the Thesis. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

MCOM 990 THESIS (16 credits)

This is an investigation of a relevant mass communication topic. Candidate must show ability to examine the subject in-depth, analyze sources and produce a balanced review of relevant literature. Candidate must equally be able to demonstrate a methodological approach to data gathering and analysis. The ultimate goal of the thesis is the demonstration of the ability to carry out empirical study and contribute to existing knowledge in the field bearing in mind that God is

the source of all knowledge and that the creative inspiration of God is important in man's effort to add value to society. Process involves defense and scrutiny of topic, presentation of thesis proposal in a pre-field seminar, field work and data gathering and presentation of findings. Candidate's work is subjected to various levels of supervision and assessment by persons and bodies within and outside the university. *The Thesis is to be registered for, over a four semester period.*

DEPARTMENT OF POLITICAL SCIENCE AND PUBLIC ADMINISTRATION

Degree in View: M.Sc., PhD

Areas of Specializaon:

- 1.Internaonal Relaons
- 2.Public Administraon
- 3.Local Government Administraon
- 4.Peace and Conflict Studies
- 5.Law and Diplomacy

Programme: Public Management

Degree in View: MPM, (Masters in Public Management)

Areas of Specializaon:

- 1.Human Resource Management
- 2.Leadership
- 3.Corporate Governance
- 4.Local Government Management
- 5.Public Sector Management
- 6.Management of Non-Governmental
Organizaons



DR. NWOGWUGWU, N. A.
HEAD OF DEPARTMENT

MASTER OF PUBLIC MANAGEMENT (MPM)

The Master of Public Management is designed to equip students with broad knowledge in the various areas of specialization in the discipline. These areas are:

1. Public Sector Management and Policy
2. Health System Administration and Policy
3. Criminal Justice Administration and Policy
4. Management of Non-Governmental Organization (NGOs).
5. Human Resource Management
6. Leadership
7. Corporate Governance
8. Local Government Management
9. Intergovernmental Relations

Vision Statement

A first-class professional program, imparting quality Christian education and up-to-date skills for building servant leaders for a better world

Mission Statement

Excellence through teaching and research geared towards producing ethical leadership for public and private sector organisations, and the positive transformation of the nation, Nigeria, and the world.

Objectives

1. To prepare students for high level careers in the theory and practice of public management.
2. To prepare students for teaching and research.
3. To prepare students for careers in public and private sector

Learning Outcomes

Graduates of the Master in Public Management Program will:

1. Have an in-depth knowledge in specialized areas in Public Management;
2. Be found in leadership positions and at management levels in both private and public sectors;
3. Be able to conduct research in Public Management geared towards solving practical social and other problems.

Admission Requirements

Candidates for the program are required to have a minimum of Second Class Lower Division in Public Administration/Political Science, Health System Administration, International Law and Diplomacy of the Babcock University, Ilishan Remo, PGD Administration or possess a B.Sc., B.A., B. Ed., from relevant disciplines from either Babcock University or any other recognized institution.

Candidates with an Upper Credit pass in an HND from an accredited program of study in recognized Polytechnics and possessing professional qualifications approved by the Senate with or without attached professional certifications e.g. PGDPA, AIB, ACIS, ACA/ICAN, ACII, CIPM, NIPM, will be considered subject to vacancies. In such cases, minimum of three years working experience will be taken in lieu of the professional qualifications subject to vacancies.

Duration:

Minimum Three Semesters

Graduation requirements

The 41 -credit hours MPM program is designed to develop leaders for public, private and Non-profit organizations and allows for expertise in public management and policy analysis.

Other Requirements for Graduation include:

1. Candidates are required to register each semester till the conduct of external examination.
2. All Masters students are required to consult with the PG Coordinator for Masters programme for guidance before selection of courses each semester.
3. All departmental courses registered for by the students must be passed with a minimum score of 50%.
4. Attendance at the Weekly Postgraduate seminar is compulsory for all students throughout the duration of their studentship. Students are to register the postgraduate seminar as course each semester before the semester in which the dissertation will be registered.
5. During the first semester of study in the department, Students are required to submit three proposed dissertation topics (in their area of specialization) for consideration by the PG Committee, after which students are to defend the preferred title at a Departmental PG Seminar.
6. On approval of the dissertation title, a Supervisor shall be assigned to each student who will guide the student through the process of executing and writing the dissertation.
7. On completion of the first three chapters of the dissertation, the student will be scheduled for pre-field seminar presentation following approval by the Student's Supervisor.
8. Pre-field seminars would be scheduled at least two weeks after the submission of prefield materials including CPGS seminar clearance and ethical clearance from Babcock University Health and Research Ethic Committee (BUHREC).
9. Pre-field seminars are to be graded by the Departmental PG Committee, and after successful presentation, the student is to proceed on field work after effecting all corrections made by the Departmental PG Committee.
10. The field work would take a minimum of two months from the date of presentation of pre-field.
11. On submission of post-field materials approved by the supervisor, post-field seminar would be scheduled, minimum of one month from date of submission of all materials including clearance from CPGS.
12. Students who have not passed all courses will not be allowed to present Post-field seminars.
13. The Departmental PG Committee would examine the post field materials, and if candidate is successful, such candidate would effect all corrections and recommendations and proceed to oral defence/external examination.
14. Oral defence would hold on a day fixed by the External Examiner approved by the CPGS, and Supervisors of Students are required to be in attendance. Examinations would not hold in the absence of the Supervisor, except with prior approval of the HOD.
15. Degrees are deemed to be awarded after students have effected all corrections from the external/oral examination and submitted hard bounded copies of the dissertation.
16. Departmental clearance would only be given when students have submitted hard bound copies to the HOD.

LIST OF COURSES FOR THE MPM PROGRAM

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL COURSES			
GEDS 801	Religion, Faith and Morality	2		
	CORE COURSES			
PLSC 800	Biblical Perspectives on Politics and State		3	
PBMG 801	Research Methods for Public sector Managers	3		
PBMG 802	Quantitative Analysis		3	
PBMG 811	Public Sector Management, Leadership & Governance	3		
PBMG 812	Public Finance and Budgeting		3	
PBMR 805	Foundations of Political Science	3		
PLSC 870	Seminar in Political Science		3	
PBM- 8--	Electives*	6	6	
PBMG 890	Dissertation			6
	TOTAL = 41 Credits	17	18	6

** Each student is to take two (2) elective courses (6 credits) in the 1st and 2nd semesters to reflect areas of Specialization, in consultation with the Departmental PG Coordinator.*

RECOMMENDED CONCENTRATIONS AND COURSES AVAILABLE

The areas of interest and specialization for individual students will guide their choice of electives from the following subject groups:

Subject Group Electives = 3 Credits each

Public Management and Policy

PBMG 841: Theory of Public Organisation
PBMG 851: Public Human Resources Management
PBMG 852: Public Management Economics
PBMG 861: Law and Public Affairs – Admin. Law
PBMG 842: Ecology of Public Administration
PBMG 800: Electronic Governance
PBMG 831: Topical Issues in Public Administration
PBMX 832: Advanced Issues in administrative Ethics

Health System Administration and Policy

PBMG 851: Public Human Resources Management
PBMG 862: Health Services Utilization
PBMG 871: The Nigerian Health Care System
PBMG 872: Managerial Epidemiology
PBMG 881: Health Services Management
PBMG 842: Ecology of Public Administration

Criminal Justice Administration and Policy

PBMG 882: Evolution of Criminology Thought and Policy

PBMX 843: Criminal Justice System

PBMX 863: Research Methods in Criminal Justice and Public Affairs

PBMX 801: Criminal Justice Planning and Management

PBMG 831: Seminar on Criminal Justice System

Management of Non-Governmental Organisation (NGOs)

PBMG 842: Public Human Resources Management

PBMX 802: Human Resources Management in Non-Profit Orgs.

PBMX 811: Strategic Management in Public & Non-profit Orgs.

PBMX 812: Sustainable Development

PBMX 821: Civil Society in Comparative Perspective

PBMG 822: Management in Non-Profit Sector

PBMG 842: Ecology of Public Administration

PBMX 832: Advanced Issues in administrative Ethics

Human Resource Management

PBMG 841: Theory of Public Organization

PBMG 851: Public Human Resources Management

PBMG 831: Topical Issues in Public Administration

PBMG 861: Law and Public Affairs – Admin. Law

PBMG 842: Ecology of Public Administration

PBMX 802: Human Resource Management in Non-Profit Organisations

PBMX 822: Management in Non-Profit Sector

COURSE DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 801: RELIGION, FAITH AND MORALITY 2 Credits**PLSC 800: BIBLICAL PERSPECTIVES IN POLITICS AND STATE 3 Credits**

Undertake an exploration of Biblical perspectives on organization and governance of society. Biblical perspectives on formulation of policies that are pro-people, making of laws that to guide the running of the state, deriving from the principles of God as the original law giver, from which all laws and constitutions derive. Theories of the state commencing from the Divine Rights theory, and methods of executing research based on acceptable ethical and moral standards. Application of democratic principles of equity, equality, fairness and justice, without bias based on gender, race, ethnicity, or socio-economic status. Ensuring inclusiveness in governance and consensus building, with unhindered pressure groups and active citizens' participation. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

PBMG 841: THEORY OF PUBLIC ORGANIZATIONS 3 Credits

The course will undertake survey of the major theoretical approaches to the study of organizations. Critical review of the contribution of the major organization/administrative theorists will equally be undertaken. There will be exploration of the Contributions of theorists of the Administrative School, Human Relations School, Ecological School, Behavioural School, and contemporary theories of management. Furthermore, the course will examine the Contemporary application of the theories and emerging models of management in various organizations in the face of increasing influence of globalization. There will also be in-depth

analysis of the relevance of organization/administrative theories to public and business administration with special reference to Nigerian and African experience.

**PBMG 811: PUBLIC SECTOR MANAGEMENT,
LEADERSHIP & GOVERNANCE**

3 Credits

The course attempts to examine the roles of government in the management of the economy with particular reference to Nigeria. It deals with the historical discourse of policy formulation, personnel management, the contemporary public service reforms as well as people's participation in the overall development of the nation. Models of Leadership in the public sector will be explored and the implications for good governance, corporate and national.

PBMG 802: QUANTITATIVE ANALYSIS

3 Credits

The course is designed to prepare students for quantitative analysis in the area of data collection, interpretation and summary. The course will deal with the following – Curve Fitting, regression and correlation (methods of fitting regression curve on line, best-eye fit, least square method, multiple regression, linear correlation, interpretation of regression line of curve, sapling theory or regression, sampling theory of correlation); Test of Hypothesis (the null and the alternative hypothesis, F-test, t-test, X² test, analysis of variance – one-factor experiment, two-factor experiment); Random numbers (distribution – probability distribution, binomial distribution, normal distribution, bivariate distribution, Beta distribution); Non parametric tests (sign test, mann-Whitney U test, Kruskal-Wallis H Test, H test corrected for ties); Use of SPSS. The aim is to enable the students apply statistical method in the decisionmaking process.

PBMG 842: ECOLOGY OF PUBLIC ADMINISTRATION

3 Credits

The course will explore the dynamics of the relationship between public administration and the environmental factors that influences it development. An interrogation of the propositions of the Environmental/ecological school of thought, as well as the Political Environmental, Social environment, Economic environment, and cultural environment that affect public administration. It will equally undertake the analysis of cross-cultural studies that emphasize environmental effects on administrative structure and behaviour.

PBMG 851: PUBLIC HUMAN RESOURCE MANAGEMENT

3 Credits

This course focuses on issues relating to public human resource management in terms of manpower planning, personnel selection, recruitment, retention, training and development, performance appraisal, compensation, relationship with unionized employees, collective bargaining, employee motivation, industrial conflicts and tactics and strategies for conflict resolution as well as leadership in public management.

PBMG 812: PUBLIC FINANCE AND BUDGETING

3 Credits

The course is essentially about public finance and budgeting; its definition, content, conceptual clarifications, theories and the essence of public finance and budgeting at the federal, state and local government levels. Additionally, socio-political and welfare aspects of budgeting are equally significant and relevant. The course would further explore the types of budgeting, methods/techniques of budgeting, Meaning, nature, principles of taxation and tax systems; Forms and types of tax, tax authorities and tax laws, tax administration and challenges of effective revenue mobilization; Politics of revenue allocation and resource control, as well as fiscal federalism will be explored.

PBMG 852: PUBLIC MANAGEMENT ECONOMICS

3 Credits

The course will undertake the study of modern economic strategies as tools for development in the public sector. Public sector and economic development, Economic development strategy, Structure of public expenditure, intergovernmental transfers/ statutory allocations, management of special funds (ecological fund; sovereign wealth fund, derivation fund), Management of

domestic and external debts, Emphasis would be on privatization for effective and efficient management of the country's resources.

PBMG 821: ADVANCED PUBLIC POLICY ANALYSIS 3 Credits

This course is designed to provide the students with the techniques for Policy analysis, formulation, implementation and evaluation. The course will explore the different Approaches to policy making, decision making and analysis. Theories of public policy, public policy institutions, bureaucracy and democracy, the policy cycle, qualities of a good policy. The course will equally undertake an In-depth analysis of public policies on a sector by sector basis, such as; health, security, education, ICT, oil and gas and agriculture policies. The course examines the relationship between bureaucrats, technical experts, interest groups and political executive in the policy process.

PBMG 861: LAW AND PUBLIC AFFAIRS– ADMIN LAW 3 Credits

The course essentially is about Administrative Law; its definition, content, theories, essence of justice, morality in law and the totality of law connectivity with Public Affairs. The course would commence from the background that God is the author of original law (Exodus 20) and that all laws for proper governing of societies including constitutions derive from the law of God. Constitutional Law, Separation of Powers, *Habeaus Corpus*, Doctrine of *Ultra Vires*. It would explore Administrative review of breaches on rights of the citizens. It would use cases deposed of by the Supreme Court to expose students to legal remedies that are available following breaches of individual rights by government agencies.

PBMG 800: ELECTRONIC GOVERNANCE 3 Credits

Planned within the globally accepted constructs in bureaucracy, this course examines the problematic issue of leadership within the framework of capacity and capability to deliver results with or without supervision. It will explore the application of ICT in the various processes of managing government operations, recruitment, payroll system, budget process, procurement processes, accountability mechanisms to make government easily accessible to its internal and external publics, including foreign investor, development partners and supranational organizations and regional bodies. The course will equally interrogate the application of ICT in the operations of various sub-sectors such as agriculture, security, education, health and manufacturing, etc.

PBMR 805: FOUNDATIONS OF POLITICAL SCIENCE 3 Credits

The course is designed to assist students who lack the requisite background to pursue higher degree in Political science. Those whose first degrees are not in Political science, Public Administration, History, International Relations or Law would have to offer the course to provide sufficient background for the MPM programme. It provides a panoramic survey of (a) concepts in Politics such as Power, Authority, State, Sovereignty, democracy, Justice, Equity, etc, (b) Introduction to Public Administration (c) Introduction to International Relations, and (d) Nigerian Government and Politics.

PBMX 802: HUMAN RESOURCE MANAGEMENT IN NON-PROFIT ORGANIZATION 3 Credits

This course would familiarize the students with issues relating to human resource management in non-profit organizations. These will be examined in terms of manpower planning, personnel selection, retention, training and development, performance appraisal, compensation, relationship with unionized employees, collective bargaining, employee motivation, industrial conflicts and tactics and strategies for conflict resolution as well as leadership in non-profit organizations. The course will equally explore the various financial and nonfinancial incentives for enhancing workers productivity.

PBMX 812: SUSTAINABLE DEVELOPMENT**3 Credits**

This course explores the meaning and scope of the problem of sustainable development, the indicators, theoretical and normative frameworks, threats to sustainable development and strategies- national, regional and global for addressing these threats. Specific attention is given to how the challenges of democratization, security, HIV/AIDS and capacity building in Africa meet the challenge of sustainable development on the continent.

PBMX 811: STRATEGIC MANAGEMENT IN PUBLIC AND NON-PROFIT ORGANIZATIONS**3 Credits**

The study of change, strategy and strategic management, strategic management processes formality in strategic management process, strategic management pyramid/model, strategy versus other types of planning for public and non-profit organizations. Environmental scanning, internal analysis and position assessment, mission statement, strategy formulation, strategy thinking and strategic systems.

PLSC 832: GLOBALIZATION**3 Credits**

The course would undertake a wholistic examination of the phenomenon of Globalization. It evolves around communication technology, politics and the economy. It is a rethinking of the development model. The aspect of globalization most relevant to political science discipline is the politics of globalization and the globalization of politics. In effect, the rapidly growing debates on the challenges and opportunities of globalization will be the central focus of this course with emphasis on local organizing and examples.

PBMX 821: CIVIL SOCIETY IN COMPARATIVE PERSPECTIVES**3 Credits**

The course is to acquaint students with relevant theories and principles on Civil Society. It is also designed for students to learn the techniques used by the advanced countries of the world to solve their societal knotty problems with a view to applying same, subject to the emerging social problems like corruption, disobedience to rule of law and the challenges of privatization for an efficient and effective economy in contemporary Africa.

PBMG 831: TOPICAL ISSUES IN PUBLIC ADMINISTRATION**3 Credits**

The course covers a discussion of current topical issues in Public Administration with special emphasis on the Nigerian public administration system. The background for the discussions would be an in-depth appreciation of Public Administration and established mechanism across the globe. Students would be exposed to contributions of international scholars on major issues in Public Administration through assigned readings. Following insights from national and international studies reviewed, students would be guided to propound strategies that could effectively tackle some of the perennial problems identified in the running of Nigerian Public Administration. Among issues to be addressed are: Public service reforms and their effect on Governance and efficient service delivery, elections and succession to power; Revenue Allocation principles and methods, including derivations; Gender in Public Administration in Nigeria; public sector Corruption and government's Agencies for combating corruption. The roles of: EFCC, ICPC and other Security Agents. Development and underdevelopment, from the lens of various development agenda:-

- Vision 20-20 project
- Seven Point Agenda
- Power and Energy
- Niger-Delta and Government

PBMG 822: MANAGEMENT IN NON PROFIT SECTOR**3 Credits**

The complexity of modern society has introduced vast network of interrelationships in public management. Indeed, the polarisation of increased liberalization for global workforce is *sui*

genesis. The corollary of this is that public managers require new skills and orientation for improved and effective performance in their various calling. This has come to mean a critical part of governance process within the gamut of globalization. In effect, managers in the nonprofit sector are seeking ways and means to facilitate their services ethically and professionally.

PBMX 832: ADVANCED ISSUES IN ADMINISTRATIVE ETHICS 3 Credits

There are universal values and principles that govern ethics in all spheres of life. These values define what is right or wrong in a society or organization which may include respect for other people, human equality, honest and fairness. Ethics exist outside our various professions but no profession exists without ethics. Thus conceived, normative questions about value are raised. This course shall examine pertinent issues including beaming its searchlight on the task of reducing corruption to the barest minimum in public life in Nigeria and Africa. Interrogation of the challenges of Accountability and transparency in the public services of various African countries. The course will equally explore the issues of morality, ethics, fairness, equity and justice in the management of human resources and material resources in the public sector.

PLSC 870: SEMINAR IN POLITICAL SCIENCE **3 Credits**

This advanced seminar class is designed to prepare students for the academic world of research thinking, writing and presentation. In addition, presentations geared towards interdisciplinary discourse will be encouraged among students. Occasionally, resource persons will be invited to share their wealth of experience with the population of students and faculty members. It is expected that students would learn the skills required for dissertation writing and would have completed a draft of their first three chapters by the end of the course.

PBMG 890: DISSERTATION **6 Credits**

The Master's dissertation to be written by the student should address pertinent issues related to the degree to be awarded; must be on an issue of contemporary concern or relevance. It should be of relevance to specific sub-sectors of the public sector, targeting solutions to identified societal problems. It must be carried out under the academic supervision of qualified academic staff in the department; and must conform to expected academic standards in structure, methodological rigor and style. Finally, the dissertation must be original.

MASTER OF SCIENCE (MSc) IN POLITICAL SCIENCE

The M.Sc. Political Science is designed to equip students with broad knowledge in Political Science, as well as in the various areas of specialization in the discipline. The areas of specialisation offered are:

1. International Relations
2. Public Administration
3. Local Government Administration
4. Defence and Strategic Studies
5. Peace and Conflict Studies
6. Law and Diplomacy
7. Legislative Studies
8. Comparative Politics

Philosophy

The philosophy of the programme is to provide both professional, academic and leadership education that adheres to the highest standards of scholarship that is relevant to contemporary problem solving within the general framework of holistic education as formulated in the Seventh Day Adventist philosophy of education.

Vision Statement

A first-class academic and research program, imparting quality Christian education and upto-date skills for building servant leaders for a better world

Mission Statement

Excellence through teaching and research geared towards producing manpower and ethical leadership for public and private sectors and international organisations, as well as the positive transformation of the nation, Nigeria, and the world.

Programme Objectives

Generally, the objectives of the program are to:

- 1) develop high skilled manpower in the discipline of Political Science, its areas of specializations as well as in organizations where the knowledge of Political Science is of necessary requirement.
- 2) prepare students for the kind of research that will lead to further research and not only present research findings;
- 3) provide a supply for the high demand for skilled labour for national development especially within the precinct of continually growing global challenges.

Learning Outcomes

At the end of the programme, graduates of the course would:

- 5) Have in-depth knowledge in a specialized area of Political Science;
- 6) Be able to initiate, conduct and supervise research in Political Science;
- 7) Be ready to take up academic positions in research institutions and universities;
- 8) Be ready for leadership positions in both private and public sectors, and in international organisations.

Admission Requirements

- (iii) Candidates having a minimum of Second Class lower Division in Political Science from Babcock University or any other recognized University within or outside Nigeria.
- (iv) Candidates with at least a Second Class Lower Division in Political Science, International Relations, Public Administration, Local Government, History, Philosophy, Sociology, History and International Studies, International Law and Diplomacy, Strategic Studies, Public Management and other relevant courses from either Babcock University, Ilishan Remo or any other recognized Institutions may be considered for admission.

DEGREE REQUIREMENTS

Students are required to meet the following requirements to be awarded the MSc Political Science in different specialisations at Babcock University:

- (c) Candidates are required to register and pass all general and core courses, as well as the requisite number of electives and obtain a grade not lower than a C (50%) in all the courses required for graduation
- (d) A minimum of **40 credit** hours comprised of the following:
 - GEDS courses – 4 credits
 - All core courses – 18 credits
 - A dissertation – 6 credits
 - Electives - 12 credits
 - **TOTAL – 40 credits**

Other Requirements for Graduation include:

17. Candidates are required to register each semester till the conduct of external examination.
18. All Masters students are required to consult with the PG Coordinator for Masters

- programme for guidance before selection of courses each semester.
19. All departmental courses registered for by the students must be passed with a minimum score of 50%.
 20. Attendance at the Weekly Postgraduate seminar is compulsory for all students throughout the duration of their studentship.
 21. During the first semester of study in the Department, Students are required to submit three proposed dissertation topics (in their area of specialization) for consideration by the PG Committee, after which students are to defend the preferred title at a Departmental PG Seminar.
 22. On approval of the dissertation title, a Supervisor shall be assigned to each student who will guide the student through the process of executing and writing the dissertation.
 23. On completion of the first three chapters of the dissertation, the student will be scheduled for pre-field seminar presentation following approval by the Student's Supervisor.
 24. Pre-field seminars would be scheduled two weeks after the submission of pre-field materials including CPGS seminar clearance and ethical clearance from Babcock University Health and Research Ethic Committee (BUHREC).
 25. Pre-field seminars are to be graded by the Departmental PG Committee, and after successful presentation, the student is to proceed on field work after effecting all corrections made by the Departmental PG Committee.
 26. The field work would take a maximum of two months from the date of presentation of pre-field.
 27. On submission of post-field materials approved by the supervisor, post-field seminar would be scheduled, minimum of one month from date of submission of all materials including clearance from CPGS.
 28. Students who have not passed all courses will not be allowed to present Post-field seminars.
 29. The Departmental PG Committee would examine the post field materials, and if candidate is successful, such candidate would effect all corrections and recommendations and proceed to oral defence/external examination.
 30. Oral defence would hold on a day fixed by the External Examiner approved by the CPGS, and Supervisors of Students are required to be in attendance. Examinations would not hold in the absence of the Supervisor, except with prior approval of the HOD.
 31. Degrees are deemed to be awarded after students have effected all corrections from the external/oral examination and submitted hard bounded copies of the dissertation.
 32. Departmental clearance would only be given when students have submitted hard bound copies to the HOD.

COURSE CONTENT FOR THE MSC IN POLITICAL SCIENCE

COURSE CODE	COURSE TITLE	1st Sem	2nd Sem	3rd Sem
	GENERAL COURSES			
GEDS 801	Religion, Faith and Morality	2		
GEDS 822	Intermediate Statistics for Humanities		2	
	CORE COURSES			
PLSC 800	Biblical Perspectives on Politics and State		3	
PLSC 801	Research Methodology	3		
PLSC 811	Contemporary Political Analysis	3		
PLSC 802	Issues in African Government and Politics		3	
PLSC 805	Foundations of Political Science	3		
PLSC 870	Seminar in Political Science		3	
PLSC 8--	Specialization Elective Courses*	6	6	
PLSC 890	Dissertation			6
	TOTAL = 40 Credits	17	17	6

*** Notes on SPECIALIZED ELECTIVE COURSES:**

1. Students are required to select two (2) elective courses in the First Semester and two (2) elective courses in the Second Semester, from the student's area of specialization.
2. While students are encouraged to freely choose their electives reflecting their choice and areas of specialization, the following are recommended to serve as guide. The Head of Department and Departmental PG Coordinator should be contacted for advice on making appropriate choices.
3. All elective courses listed below are weighted 3 credits each

ELECTIVE COURSES – GROUPED ACCORDING TO SPECIALIZATION

COURSE CODE SPECIALIZATIONS AND COURSE TITLES

	INTERNATIONAL RELATIONS
PLSC 832	Foreign Policy Analysis
PLSC 851	Contemporary Issues in International Politics
PLSC 861	International Relations Theories
PLSC 853	International Law and International Relations
PLSC 872	International and Supra national Organisations
PLSC 884	International Peacekeeping Operations under the United Nations' Aegis
PLSC 881	Defence and Strategic Studies
PLSC 842	Globalisation

PUBLIC ADMINISTRATION

PLSC 821	Topical Issues in Public Administration
PLSC 831	ICT in Public Management
PLSC 822	Comparative Political Behaviour
PLSC 882	Public Policy Analysis
PLSC 841	Management and Organisational Theory
PLSC 852	Civil Society in Comparative Perspective
PLSC 862	Topical Issues in Local Government Administration
PLSC 871	Issues in Federalism and Intergovernmental Relations
PLSC 812	Modern Political Thought

LOCAL GOVERNMENT ADMINISTRATION

PLSC 821	Topical Issues in Public Administration
PLSC 841	Management and Organisational Theory
PLSC 871	Issues in Federalism and Intergovernmental Relations
PLSC 882	Public Policy Analysis
PLSC 831	ICT in Public Management
PLSC 862	Topical Issues in Local Government Administration

DEFENCE AND STRATEGIC STUDIES

PLSC 842	Globalisation
PLSC 832	Foreign Policy Analysis
PLSC 861	International Relations Theory
PLSC 851	Contemporary issues in International Politics
PLSC 881	Defence and Strategic Studies
PLSC 823	Approaches for Responding to Violent Conflict
PLSC 864	Human Rights Law and Practice in Africa
PLSC 812	Modern Political Thought
PLSC 844	Contemporary Trends in Terrorism and Global Security

PEACE AND CONFLICT STUDIES

PLSC 844	Contemporary Trends in Terrorism and Global Security
PLSC 851	Contemporary Issues in International Politics
PLSC 823	Approaches for Responding to Violent Conflict
PLSC 843	The “3Ps” of Peace Thinking and Peace Strategies
PLSC 886	Philosophy and Practice of Non-Violence
PLSC 884	International Peacekeeping Operations under the United Nations Aegis
PLSC 853	International Law and International Relations
PLSC 881	Defence and Strategic Studies
PLSC 861	International Relations Theories

LAW AND DIPLOMACY

PLSC 812	Modern Political Thought
PLSC 833	Diplomatic Law, Theory and Practice
PLSC 853	International Law and International Relations
PLSC 864	Human Rights Law and Practice in Africa
PLSC 844	Contemporary Trends in Terrorism and Global Security
PLSC 832	Foreign Policy Analysis
PLSC 851	Contemporary Issues in International Politics
PLSC 861	International Relations Theories
PLSC 881	Defence and Strategic Studies
PLSC 884	International Peacekeeping Under the United Nations' Aegis

LEGISLATIVE STUDIES

PLSC 821	Topical Issues in Public Administration
PLSC 812	Modern Political Thought
PLSC 882	Public Policy Analysis
PLSC 871	Issues in Federalism and Intergovernmental Relations
PLSC 862	Topical Issues in Local Government Administration
PLSC 874	Comparative Legislative Processes and Practices
PLSC 864	Human Rights Law and Practice in Africa
PLSC 863	Comparative Politics

COMPARATIVE POLITICS

PLSC 852	Civil Society in Comparative Perspective
PLSC 871	Issues in Federalism and Intergovernmental Relations
PLSC 832	Foreign Policy Analysis Public
PLSC 882	Policy Analysis
PLSC 863	Comparative Politics
PLSC 822	Comparative Political Behaviour

COURSE DESCRIPTION

See pages 35-36 for the description of all GEDS courses.

GEDS 801: RELIGION, FAITH AND MORALITY

2 Credits

GEDS 822: INTERMEDIATE STATISTICS FOR HUMANITIES

2 Credits

PLSC 800: BIBLICAL PERSPECTIVES ON POLITICS AND STATE

3 Credits

Undertake an exploration of Biblical perspectives on organization and governance of society. Biblical perspectives on formulation of policies that are pro-people, making of laws that to guide the running of the state, deriving from the principles of God as the original law giver, from which all laws and constitutions derive. Theories of the state commencing from the Divine Rights theory, and methods of executing research based on acceptable ethical and moral standards. Application of democratic principles of equity, equality, fairness and justice, without bias based on gender, race, ethnicity, or socio-economic status. Ensuring inclusiveness in governance and consensus building, with unhindered pressure groups and active citizens' participation. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

PLSC 801: RESEARCH METHODOLOGY**3 Credits**

These consist of quantitative and qualitative research designs. The quantitative methods involve the units of analysis, the Multi variant techniques, and the manner in which time and change is conceptualized and measured. The multi variate techniques include sampling techniques, simple correlation and other measure of association, analysis of variance, multiple regression and analysis. Basic probability and normal distribution will be thought. Generally, the research design cover areas such as cross sectional model, a lagged cross sectional model and a time series analysis. The qualitative research comprises five principal methods: **case study** (investigates an activity, an event, a process or one, or several individuals in depth); **ethnography** (studies a cultural group in a common setting for a prolonged period of time); **grounded theory** (derives a general abstract theory of an action, process or influence based on the views of participants); **narrative approaches** (study the information that participants tell about their lives and experiences); **phenomenology** (identifies the essence of human experiences).

PLSC 802: ISSUES IN AFRICAN GOVERNMENT AND POLITICS**3 Credits**

The course examines issues such as amalgamation and nationalist movement; constitutional development, formation of political parties, state and national assemblies, Nigerian, foreign policies and revenue allocation, election management, corruption, professionalization of the military, civil society among others.

PLSC 805: FOUNDATIONS OF POLITICAL SCIENCE**3 Credits**

The course is designed to expose all Master degree students to the language and nitty-gritty of political science discipline. The course, therefore, is to examine the rudimentary concepts and constructs in political science. Issues to be examined in the course includes; the various conceptions of politics and political science by different scholars, History and development of political science, the multidisciplinary nature of political science as well as fields within the discipline. Contributions of prominent classical and modern scholars in political science to political scholarship, such as Plato, Aristotle, Thomas Hobbes, John Locke, Machiavelli etc. The scholarly debates on the scientific nature of political science, approaches to the study, theories and concepts, emergence of states, functions and features of state to mention but a few.

PLSC 811: CONTEMPORARY POLITICAL ANALYSIS**3 Credits**

Politics, which can sometimes appear remote, is often considered as the preoccupation of the politicians. But in reality, politics affects everybody because most people do engage in political activity at some time. This is simply because people do frequently adopt a political position for example, what governments should do, which projects should be done, what forms of government are best. There are likely to be several different positions on various public issues because people have different ideas, interests and social purposes. Politics then is the process by which people expound their positions, reconcile differences and arrive at binding decisions. It is the concern of the student of politics (or Political Scientist) to observe, understand and explain the process of political activity. And in order to study political phenomena, different scholars have employed various approaches or methods. The aim of this course is to expose students to some of these approaches and methods of analysis in political science.

PLSC 848: SEMINAR IN POLITICAL SCIENCE**3 Credits**

This advanced seminar class is designed to prepare students for the academic world of research thinking, writing and presentation. In addition, presentations geared towards interdisciplinary discourse will be encouraged among students. Occasionally, resource persons will be invited to share their wealth of experience with the population of students and faculty members. It is expected that students would learn the skills required for dissertation writing and would have completed a draft of their first three chapters by the end of the course.

PLSC 812: MODERN POLITICAL THOUGHT**3 Credits**

This course explores the historical, political and philosophical foundations of political science

thought and theory as it developed in different contexts over time. Emphasis is also given to a consideration of the theoretical nature and significance of ideas and theories such as liberalism, conservatism, dialectical and historical materialism, the state, ideology, religion, class and class struggle, democracy, contradictions, revolutions, property, capitalism, imperialism and colonialism. In all, the theoretical framework for the course is provided by the ideas and works of prominent liberal philosophers such as J.J. Rousseau, J.S. Mill, Montesque, Hamilton, Madison, Dicey, and Bertrand Russell, as well as those radical political thinkers such as Karl Marx and as espoused and applied by Engels, Lenin, Mao-TseTung, Plekhanov and Fidel Castro, among others.

PLSC 821: TOPICAL ISSUES IN PUBLIC ADMINISTRATION **3 Credits**

The course covers a discussion of current topical issues in Public Administration with special emphasis on the Nigerian public administration system. The background for the discussions would be an in-depth appreciation of Public Administration and established mechanism across the globe. Students would be exposed to contributions of international scholars on major issues in Public Administration through assigned readings. Following insights from national and international studies reviewed, students would be guided to propound strategies that could effectively tackle some of the perennial problems identified in the running of Nigerian Public Administration. Among issues to be addressed are: Public service reforms and their effect on Governance and efficient service delivery, elections and succession to power; Revenue Allocation principles and methods, including derivations; Gender in Public Administration in Nigeria; public sector Corruption and government's Agencies for combating corruption. The roles of: EFCC, ICPC and other Security Agents. Development and underdevelopment, from the lens of various development agenda:- - Vision 20-20 project

- Seven Point Agenda
- Power and Energy
- Niger-Delta and Government

PLSC 822: COMPARATIVE POLITICAL BEHAVIOUR **3 Credits**

This course identifies and examines in a comparative manner segments of political life susceptible to Behavioural study. Areas to be examined include: political participation, voting and electoral behaviour, political socialization, political leadership, political culture and violence, state and non-state actors, and development of democratic institutions. Emphasis is placed on comparative examples from developed and developing countries drawn up for analysis. The course will equally explore the role of civil society organization in the political process, as well as women and youth participation in the political process, will be analyzed on a comparative basis.

PLSC 831 ICT IN PUBLIC MANAGEMENT **3 Credits**

The network of logic of the ICT process presupposes a high level communication channel with certain measure of personalization and interactivity. The plethora of individually controlled wireless communication effectively bypasses the mass media as a source of information and public space with critical implications for public management.

PLSC 832: FOREIGN POLICY ANALYSIS **3 Credits**

The evolution of the science of foreign policy making, control and execution. The various concepts in foreign policy analysis; transactions flows, technique of bargaining in peace and in crisis situation. Comparative analysis within the super powers, middle power, major powers and the new nations.

PLSC 882: PUBLIC POLICY ANALYSIS **3 Credits**

This course is designed to provide the students with the techniques for Policy analysis, formulation, implementation and evaluation. The course will explore the different Approaches to policy making, decision making and analysis. Theories of public policy, public policy

institutions, bureaucracy and democracy, the policy cycle, qualities of a good policy. The course will equally undertake an In-depth analysis of public policies on a sector by sector basis, such as; health, security, education, ICT, oil and gas and agriculture policies. The course examines the relationship between bureaucrats, technical experts, interest groups and political executive in the policy process.

PLSC 841: MANAGEMENT AND ORGANIZATIONAL THEORY 3 Credits

The course will undertake survey of the major theoretical approaches to the study of organizations. Critical review of the contribution of the major organization/administrative theorists will equally be undertaken. There will be exploration of the Contributions of theorists of the Administrative School, Human Relations School, Ecological School, Behavioural School, and contemporary theories of management. Furthermore, the course will examine the Contemporary application of the theories and emerging models of management in various organizations in the face of increasing influence of globalization. There will also be in-depth analysis of the relevance of organization/administrative theories to public and business administration with special reference to Nigerian and African experience.

PLSC 842: GLOBALIZATION 3 Credits

Globalization is an all-inclusive phenomenon. It evolves around communication technology, politics and the economy. It is a rethinking of the development model. The course will explore in detail the different types of globalization; Political, economic, Cultural and technological and their direct impact of the developing societies. The emerging challenges and crises of development arising from influence of globalization, massive migration, increasing inequality, rising human trafficking and high rate of poverty in the developing countries of Africa and Asia. The aspect of globalization most relevant to political science discipline is the politics of globalization and the globalization of politics. In effect, the rapidly growing debates on the challenges and opportunities of globalization will be the central focus of this course, with emphasis on local organizing and examples.

PLSC 851: CONTEMPORARY ISSUES IN INTERNATIONAL POLITICS 3 credits

The international system is dynamic and ever-changing, and given the multiplicity of actors, highly unpredictable. This course therefore explores within relevant theoretical contexts the current and perplexing issues arising from the relations between states in the international system. The enabling laws and statutes of supranational organizations such as the United Nations on issues such as gender equality, terrorism and counter terrorism, and nuclear armaments will be treated.

PLSC 861: INTERNATIONAL RELATIONS THEORIES 3Credits

This course surveys the dominant paradigms and theories that have informed the study of international relations and continue to shape analysis and practice in the field. Possible topics could include realism, neo-realism, liberalism/idealism, neo-liberalism, world systems theory, structuralist theories, critical theory, transformationist theory, dependency theory, theories on violent conflict and war, international political economy, functionalism and neofunctionalism, theories of cooperation and integration, decision-making theories, game theory, cybernetics theory, postmodernism, post-colonialism, feminist and gender theories.

PLSC 852: CIVIL SOCIETY IN COMPARATIVE PERSPECTIVE 3 Credits

This course is intended to acquaint students with relevant debates, theories, scope and modus of civil society and civil society organisations from comparative national, international and thematic perspectives. Roles of civil society organization in developed and developing societies, legal provisions guiding operations of civil society organizations; the role of the mass media in political process, and the operations of interest and pressure groups as nonstate actors in the political development of the society. Special attention may be given to current social issues and contexts in

which civil society play roles, as well as an evaluation of their actions and continuing relevance in political analysis.

**PLSC 862: TOPICAL ISSUES IN LOCAL GOVERNMENT
ADMINISTRATION**

3 Credits

This course examines some major issues in Nigerian local government administration with particular focus on the sources of power, creation, finance, control and reforms. Issues in Nigerian politics and the effects on local government, Nigerian federalism and local government, state-local government relations, leadership struggles and local government, corruption, the quota system, elections in local governments, caretaker and transition committees, and the debate on financial autonomy of local governments will be examined. The roles of Community development Associations, civil society organizations and women associations in local government development will be explored.

**PLSC 871: ISSUES IN FEDERALISM AND INTERGOVERNMENTAL
RELATIONS**

3 Credits

This course examines the philosophical, legal and political bases for federalism in Nigeria and elsewhere. It will further examine the legal, political and administrative relationship between the different levels of government; patterns of relations; interrogation of American model of federalism and Pseudo-federalism; crisis of relations; effects of these crises on government functions; relations between the different levels of government, and allocation of tax powers amongst them, exploration of the constitutional provisions on IGR, management of IGR in Nigeria and problems associated with this.

PLSC 881: DEFENCE AND STRATEGIC STUDIES

3 Credits

This course will examine different dimensions of strategy in international relations. The concepts of defence, strategy, Conventional warfare and Guerrilla warfare, weapons systems, deterrence, defence technology, the globalisation of threats to sovereignty, Determinants of national power, evaluation of strategic intentions of nations, Nuclear war and nuclear strategy, Ultra-irregular warfare and strategy, Trends in Western Strategic Thought, Ideological bases of strategic thinking, and related themes will be analyzed. There will be critical analysis of the place of Nigeria and other African countries in the emerging strategic equation, especially with the rising trend of international terrorism.

PLSC 823: APPROACHES FOR RESPONDING TO VIOLENT CONFLICT 3 CREDITS

An introduction to the basic concepts, conceptual frameworks and conceptual clarifications usually encountered in the field of peace and conflict studies including conflict, conflict diagnosis, conflict prevention, conflict early-warning, conflict regulation or management, conflict settlement, conflict resolution and conflict transformation. This course also explores negotiation or mediation, arbitration, and various non-Western methods of settling disputes or conflicts, amongst others.

PLSC 833: DIPLOMATIC LAW, THEORY AND PRACTICE

3 Credits

Diplomacy is as old as time itself. This course will explore the historical, legal and theoretical developments of diplomacy as a field of study and as a practice of states. Among the major concepts and phenomena that will be interrogated are State Craft and Diplomacy, Contending issues of Diplomatic immunity, and Espionage by diplomatic personnel and agencies, Revolutionary theory and ideological bases of Diplomatic practice, economic diplomacy and the strategic nature of cultural diplomacy in the execution of the national interest of nations in the international arena. The Diplomatic roles played by International institutions in efforts to ensure global peace and sustainable development.

**PLSC 853: INTERNATIONAL LAW AND INTERNATIONAL
RELATIONS**

3 CREDITS

How do international legal rules influence the actions of actors in the international political system? An exploratory survey of the legal basis for international relations, that is, the principles of, development and application of international law with reference to specific areas of international practice including but not limited to: recognition of states and governments, domestic jurisdiction, immunity from jurisdiction, diplomatic and consular practice, protection of human rights, protection of territorial integrity, nationality, aliens and refugees, state responsibility, wrongful acts of states, use of the high seas, use of air and outer space, protection of the environment, treaties, pacific settlement of disputes, arbitration, interstate courts and tribunals, the use of force by states, international humanitarian law and participation in international institutions.

PLSC 864: HUMAN RIGHTS LAW AND PRACTICE IN AFRICA

3 Credits

The protection of human rights has *ab initio* faced challenges in the African context. In the context of democratization and the globalization of the human rights regime, this course will aid students' comprehension and analysis of the actions of states, international organisations, non-governmental organization, communities and individuals in relation to the existing international legal regime. A detailed examination of the human right implications of emerging anti-terror laws across Africa. The human rights perspective to the use of military institutions in curbing internal security threats, Police brutality and extra-judicial activities of security agencies and their human rights implications.

**PLSC 874: COMPARATIVE LEGISLATIVE PROCESSES
AND PRACTICES**

3 Credits

This course will comparatively study legislatures across the world; analysis of legislative processes and practices in developed societies (with specific focus on United States of America, United Kingdom, France and Germany), legislative process and practice in authoritarian societies (Russia and China) and legislative process and practice in developing societies (Nigeria, Ghana, South Africa, and Kenya). In depth Comparative studies of legislative institutions in West Africa. The role of development partners in capacity building for legislative institutions across West Africa.

**PLSC 844: CONTEMPORARY TRENDS IN
TERRORISM AND GLOBAL SECURITY**

3 Credits

Terrorism has always existed, but perceptions of this phenomenon have radically been altered by the events of September 11, 2001. This course will examine the historical context of terrorism, nature, forms, dynamics, types and management of terrorism in the pre-9/11 and post 9/11 global system. Analysis of new anti-terror laws, and counter terrorism strategies, Terrorist states and terrorist organizations, emerging trends in contemporary terrorism, Boko Haram insurgency across West Africa, Al Qaeda and ISIS as a global terrorist threats, the role of NATO and UN Security council in curbing terrorism, and strategic planning to forestall future terror threats. The efforts of sub-regional and regional bodies in curbing terrorism.

**PLSC 843: THE “3 PS” OF PEACE THINKING AND
PEACE STRATEGIES**

3 CREDITS

The important idea of “3Ps” was first postulated by internationally renowned scholar and the father of peace studies, Johan Galtung. This course entails a study of the definition, delineation and constituents of the tripartite concepts of peace-keeping, peace-making, and peace-building as means of classifying peace strategies; their adoption by the United Nations as the world body's official lingo; their continuing relevance and uses for analysing the conditions of war-torn societies and their transition to peace.

PLSC 863: Comparative Politics**3 CREDITS**

The course will cover the domestic politics of various states in comparison to other states. Comparative politics would address such puzzles as varying degrees of democracy, varying levels of political and social conflict, varying levels of wealth, and to inform debates about creating or designing new political orders. It will equally cover an examination of the major types of political systems in the modern world, including advanced industrial democracies of the “West”, transitional systems of Communist and post-Communist countries, and economically less developed nations. The course will also explore detailed examination of public institutions and agencies that facilitate democratic consolidation in developed and comparison with similar institutions in developing countries of Africa. Comparative.

PLSC 872: International & Supra national Organisations**3 CREDITS**

The study would encompass an exploration of the principles, Practices and laws guiding various International and Supra –national organizations. The course would also cover an historical overview of organization, nature of their contributions to global Politics, as well as the dynamics of their operations in light of contemporary global events and development. Organizations to be studied include: United Nations, European Union, African Union, Organization of American States, SADC, AREF, ICRC, etc.

PLSC 886: PHILOSOPHY AND PRACTICE OF NON-VIOLENCE**3 CREDITS**

A study of the ideas embodied in the political philosophy of non-violence as founded by Jesus Christ of Nazareth and three other historical figures namely Mahatma Gandhi, Martin Luther King Jr., and Archbishop Desmond Tutu. A comparative historical overview of the uses of the philosophy of non-violence especially as manifested in the anti-colonial struggles against Britain in the Indian sub-continent in the early 40s, the American Civil Rights Movements of the 50s and 60s, the anti-apartheid movement up to the early 90s. Also studies more contemporary uses including the “people's power” movements against authoritarian regimes from Suharto's Philippines, the “velvet revolutions” across eastern Europe in the early 90s to the “Arab spring” in the Middle East/North African region, the June 12 movement of Nigeria, as well as the anti-globalisation “Occupy” cities campaigns across the world's major regions.

**PLSC 884: INTERNATIONAL PEACEKEEPING OPERATIONS
UNDER THE UNITED NATIONS' AEGIS****3 Credits**

The concepts, theories, approaches and comparisons of international peacekeeping operations undertaken globally by the United Nations since the founding of the organisations in 1945 up till the present time. Entails an overview and critical evaluation of these UN missions, their relative successes and failures, especially with regard to the original objectives set for the specific missions. Of particular interest are the missions undertaken on the African continent.

PLSC 870: SEMINAR IN POLITICAL SCIENCE**3 Credits**

This advanced seminar class is designed to prepare students for the academic world of research thinking, writing and presentation. In addition, presentations geared towards interdisciplinary discourse will be encouraged among students. Occasionally, resource persons will be invited to share their wealth of experience with the population of students and faculty members. It is expected that students would learn the skills required for dissertation writing and would have completed a draft of their first three chapters by the end of the course.

PLSC 890: DISSERTATION**6 Credits**

The Master's dissertation to be written by the student should address pertinent issues related to the degree to be awarded; must be on an issue of contemporary concern or relevance; must be carried out under the academic supervision of qualified academic staff in the department; and must conform to expected academic standards in structure, methodological rigor and style. Finally, the dissertation must be original.

MASTER OF PHILOSOPHY (Mphil) IN POLITICAL SCIENCE

The MPhil programme shall be for students who do not meet the requirement for direct admission into the PhD programme. Candidates who score between 3.0 and 3.49 on a 5.0 scale or 50-54% at the MSc/MA may be admitted into the MPhil programme. Candidates who possess professional degrees desiring to obtain the PhD in Political Science, shall be admitted to the MPHIL programme even though they may have scored 4.0 and above on a scale of 5.0 or above 60% at the masters level.

The MPhil programme shall run for two years as follows:

- (c) The MPhil candidate will be expected to complete the first year (two semesters) of PhD coursework.
- (d) In the second year, the MPhil candidate will be required to also complete the MPhil Seminar course as well as the MPhil Dissertation.
- (e) The MPhil must be completed with a minimum of 60% for the candidate to be eligible for direct admission into the PhD in Political Science programme.

The areas of specialization are:

- 1. International Relations
- 2. Public Administration
- 3. Local Government Administration
- 4. Defence and Strategic Studies
- 5. Peace and Conflict Studies
- 6. Law and Diplomacy
- 7. Legislative Studies
- 8. Comparative Politics

After the successful completion of all requirements for the MPhil, the candidate may proceed directly to the second year of the PhD programme.

COURSE CONTENT FOR THE MPhil POLITICAL SCIENCE

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR	
		1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES				
GEDS 901	Personal and Family Wholeness	2			
GEDS 932	Advanced Statistics for Humanities		2		
GEDS 911	Research Proposal and Writing	2			
GEDS 912	Advanced Research Design		2		
	CORE COURSES				
PLSC 901	Advanced Contemporary Political Analysis	3			
PLSC 902	Current Issues in African Govt and Politics		3		
PLSC 910	Theory & Methods In Political Science	3			
PLSC/ILDP	Electives*	6	6		
PLSC 880	MPhil Seminar			3	
PLSC 890	MPhil Dissertation			(8)	8
	TOTAL = 40 Credits	16	13	3	8

** See the List of Elective Courses under PhD in Political Science Programme.*

DOCTOR OF PHILOSOPHY (PhD) IN POLITICAL SCIENCE

The PhD Political Science program is designed to equip students with highly specialised knowledge in Political Science and in the various areas of specialization in the discipline. The areas of specialisation offered are:

1. International Relations
2. Public Administration
3. Local Government Administration
4. Defence and Strategic Studies
5. Peace and Conflict Studies
6. Law and Diplomacy
7. Legislative Studies
8. Comparative Politics

Philosophy

The philosophy of the programme is to provide both professional, academic and leadership education that adheres to the highest standards of scholarship that is relevant to contemporary problem solving within the general framework of holistic education as formulated in the Seventh Day Adventist philosophy of education.

Vision Statement

A first-class academic and research program, imparting quality Christian education and upto-date skills for building servant leaders for a better world

Mission Statement

Excellence through teaching and research geared towards producing manpower and ethical leadership for public and private sectors and international organisations, as well as the positive transformation of the nation, Nigeria, and the world.

Programme Objectives

Generally, the objectives of the program are to:

- 1) Develop high skilled manpower in the discipline of Political Science, its areas of specializations as well as in organizations where the knowledge of Political Science is of necessary requirement.
- 2) Prepare students for the kind of research that will lead to further research and not only present research findings;
- 3) Provide a supply for the high demand for skilled labour for national development especially within the precinct of continually growing global challenges.
- 4) Contribute to the growing need of the national and international community in developing a corps of peace engineers and researchers;
- 5) Prepare highly skilled professionals of integrity, guided by biblically-based ethos in their service to man and nation; and
- 6) Further the achievement of Babcock University's goal of preparing women and men for service in this world that will lead them and others to eternity.

Learning Outcomes

At the end of the programme, graduates of the course would:

- 1) Have in-depth knowledge in a specialized area of Political Science;
- 2) Be able to initiate, conduct and supervise research in Political Science;
- 3) Be ready to take up academic positions in research institutions and universities;
- 4) Be ready for leadership positions in both private and public sectors, and in international organisations.

Admission Requirements

Candidates for the Doctor of Philosophy (PhD) degree must satisfy the general regulations governing postgraduate studies at Babcock University. In addition, the following are requirements for the PhD Political Science degree programme:

- 1) An MSc or MA degree in Political Science or cognate disciplines (International Relations, Public Administration, Local Government, History, Philosophy, Sociology, History and International Studies, International Law and Diplomacy, Law, Strategic Studies, Public Management) from Babcock University, or from any other institution recognized by the BU Senate, with at least a weighted average score of 60% or a CGPA of 4.0 on a 5.0 scale, in order to qualify for regular admission to the PhD programme.
- 2) Candidates who score between 3.5 and 3.99 on a 5.0 scale or 55-59% at the MSc/MA may be admitted under conditional status to the PhD programme, provided that they successfully complete a minimum of 15 additional credits in Master's-level coursework in

- Political Science at Babcock University prior to commencing any coursework in the PhD in Political Science programme.
- 3) Candidates whose Masters' degrees (MSc or MA) are from other disciplines outside Political Science shall be required to complete any courses (including a Master's thesis) that are lacking in the transcript when compared with the Babcock University MSc Political Science programme. In such cases, the completed Master's degree and any remedial coursework must attain the required proficiency of 60% for regular admission into the PhD programme.
 - 4) Professional certificates/degrees or professional experience shall not be considered as relevant for direct admission into the PhD programme. Prospective candidates who are holders of professional degrees shall be required to take remedial credits (15 – 21 units remedial as may be applicable) at the MSc level, based on perceived deficiencies in the transcripts presented. Furthermore, holders of professional degrees who were not required to complete a thesis/project in the course of such prior qualifications will be required to complete a thesis among other requirements before being admitted into the PhD programme.
 - 5) Candidates admitted conditionally/provisionally into the PhD programme cannot take PhD-level courses until they have satisfied remedial course requirements stipulated for their admission.
 - 6) The Department reserves the right upon the approval of the CPGS to offer or deny admission to prospective applicants based on existing faculty and/or staffing needs, budgetary considerations, strategic needs/plans, and so on.

Curriculum for the Programme

Candidates for the PhD will be required to complete three semesters of coursework in areas related to their chosen specialisation, and then will spend a minimum of three semesters solely developing a doctoral thesis and carrying out research related to the attainment of the PhD.

Evaluation of the coursework at the PhD level will be by the preparation and presentation of seminar papers, among other modalities, and the successful writing of end of semester examinations, or as determined by Senate and the CPGS Board.

Coursework for the PhD shall amount to 40 credits, and the thesis shall amount to 16 credits, for a total of 56 credits. The minimum CGPA for graduation shall be 4.0 on a 5.0 scale.

Requirements for Graduation

Other Requirements for Graduation include:

1. Candidates are required to register each semester till the conduct of external examination of the PhD thesis.
2. All PhD students are required to consult with the PG Coordinator for guidance before selection of courses each semester.
3. All departmental courses registered for by the students must be passed with a minimum score of 50%.
4. Attendance at the Weekly Postgraduate seminar is compulsory for all students throughout the duration of their studentship. Students are to register the postgraduate seminar as course each semester before the semester in which the Thesis I will be registered.
5. Students are required to submit PhD Thesis proposals (in their area of specialization) for consideration by the PG Committee immediately after resumption for the first semester, after which students are to defend the Proposal at a Departmental PG Seminar.
6. On approval of the Thesis proposal, Supervisors (Specialists in student's area of specialization) shall be assigned to each student who will guide such student through the process of executing and writing the thesis.

7. Students are required to work with all their Supervisors. Examination of the thesis at any stage would not hold without approval from all supervisors of the candidate.
8. On completion of the first three chapters of the thesis, the student will be scheduled for pre-field seminar presentation, following approval by the Student's Supervisors.
9. Students are required to submit Thesis progress report at the end of each semester from the fourth semester till the completion of the PhD programme.
10. Pre-field seminar is expected to hold in the semester in which the student registers Thesis I.
11. Pre-field seminars would be scheduled at least two weeks after the submission of prefield materials including CPGS seminar clearance and ethical clearance from Babcock University Health and Research Ethic Committee (BUHREC).
12. Pre-field seminars are to be graded by the Departmental PG Committee, and after successful presentation, the student is to proceed on field work after effecting all corrections made by the Departmental PG Committee.
13. Students who have not passed all courses will not be allowed to present Pre-field seminars
14. The field work would take a minimum of three months from the date of presentation of pre-field.
15. On submission of post-field materials approved by the supervisors, post-field seminar would be scheduled, minimum of one month from date of submission of all materials including clearance from CPGS.
16. The PhD Post field seminar would be an open examination conducted on the Departmental PG Seminar day. On successful defence of the post-field candidates would be expected to effect all corrections and recommendations and proceed to Internal defence.
17. Candidates are required to submit their thesis to Department approved Editor before submission for internal defence.
18. Internal defence (a closed door examination) before the members of the Departmental PG Committee, will be scheduled on submission of copies of Corrected materials with accompanying clearance from the Editor.
19. Oral defence would hold on a day fixed by the External Examiner approved by the CPGS, and Supervisors of Students are required to be in attendance. Examinations would not hold in the absence of any of the Supervisors, except with prior approval of the HOD.
20. Degrees are deemed to be awarded after students have effected all corrections from the external/oral examination and submitted hard bounded copies of the thesis.
21. Departmental clearance would only be given when students have submitted hard bound final and corrected copies of thesis to the office of the HOD.

NOTE: A minimum of **56 credit** hours comprised of the following:

- | | |
|--------------------|---------------------|
| ▪ GEDS courses | – 8 credits |
| ▪ All core courses | – 34 credits |
| ▪ Thesis | – 16 credits |
| ▪ Electives | - 6 credits |
| TOTAL | - 56 credits |

COURSE CONTENT FOR THE PHD POLITICAL SCIENCE

COURSE CODE	COURSE TITLE	FIRST YEAR		SECOND YEAR		THIRD YEAR	
		1st Sem	2nd Sem	1st Sem	2nd Sem	1st Sem	2nd Sem
	GENERAL COURSES						
GEDS 901	Personal and Family Wholeness	2					
GEDS 932	Advanced Statistics for Humanities		2				
GEDS 911	Research Proposal and Writing	2					
GEDS 912	Advanced Research Design		2				
	CORE COURSES						
PLSC 900	Biblical Perspectives on Politics and Society			3			
PLSC 901	Advanced Contemporary Political Analysis	3					
PLSC 902	Current Issues in African Govt and Politics		3				
PLSC 910	Theory & Methods In Political Science	3					
PLSC 970	Doctoral Seminar I			4			
PLSC 980	Doctoral Seminar II				4		
PLSC/ILDP	Electives*	6	6				
PLSC 990	Thesis			4	4	4	4
	TOTAL = 56 Credits	16	13	11	8	4	4

** Each student will select two (2) elective courses each in the 1st and 2nd Semester of Year 1 respectively, guided by the Head of Department and Departmental PG Coordinator.*

LIST OF ELECTIVE COURSES AVAILABLE (3 Credits each)

PLSC 911	Topical Issues in International Politics
PLSC 912	Foreign Policies of World Powers and Africa
PLSC 921	Comparative Public Administration
PLSC 922	African Refugees and International Politics
PLSC 941	Current Issues in Peace and Strategic Studies
PLSC 951	Issues in International Law and Diplomacy
PLSC 962	Comparative Local Government
PLSC 972	Advanced Human Resources Management in Public Sector
PLSC 982	Issues in Federalism and Intergovernmental Relations
ILDP 912	Legal Response to Terrorism

COURSE DESCRIPTIONS

See pages 35-36 for the description of all GEDS courses.

GEDS 901: PERSONAL AND FAMILY WHOLENESS 2 Credits

GEDS 932: ADVANCED STATISTICS FOR HUMANITIES 2 Credits

GEDS 912: ADVANCED RESEARCH DESIGN 2 Credits

GEDS 911: RESEARCH PROPOSAL AND WRITING 2 Credits

PLSC 880: MPhil SEMINAR 3 Credits

This course is designed to teach students how to engage in critical research writing, especially bordering on idea generation, identifying gaps in the body of knowledge and comprehensive review of literature in their specialized area of interest. It also exposes students to how to write internationally acceptable articles on methodology and design as well as prepares the student toward meaningfully engaging in the process of writing the Dissertation. The findings will be presented in class for discussion and critiquing. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the seminar activities.

PLSC 890: MPhil DISSERTATION 8 credits

Independent study of a topic approved by the department under the supervision of a lecturer in the department. The completion of the dissertation leads to an oral examination before a panel chaired by the Head of Department, with the supervisor and at least an external examiner in attendance. The submission and defense of research proposal, execution of research work and oral defense are as stipulated in the general regulations of the College of Postgraduate Studies. The core value of autonomy and responsibility coupled with integrity is emphasized in the conduct of the project work.

PLSC 900: BIBLICAL PERSPECTIVES ON POLITICS AND SOCIETY 3 Credits

This course is designed to present and provoke topical and contemporary questions with regard to the intersections between the divine and the secular, the church and the state, God and Government, citizenship and Christianity, and related debates. Speakers will be invited to address within the specific Adventist framework these pertinent questions in order to impart a Seventh-day Adventist viewpoint to students in the PhD class. This course explores the

Bible's perspective on the various subjects covered in the coursework to questions of man's temporality and God's immortality, and thereby provide a uniquely Adventist lens by which to interpret the conclusions of political scientists and philosophers. *This Capstone Course MUST be co-taught by a host teacher and a teacher from the Department of Religious Studies.*

PLSC 901: ADVANCED CONTEMPORARY POLITICAL ANALYSIS 3 Credits

The cornerstone course examines some contending paradigms in contemporary political analysis, their philosophical and ideological roots, as well as evaluation. Theories, approaches or models to be examined include: General systems, structural functionalism, Elite group, communications, games, political culture, political development, and the new political economy and the new political economy and social order. The evaluation of these tools of political analysis shall be done with a sensitivity to and explicit recognition of the moral issues arising from political science research on various topics.

PLSC 902: CURRENT ISSUES IN AFRICAN GOVERNMENT AND POLITICS 3 Credits

This course examines some major issues in African government and politics with particular focus on the political, economic, social and cultural forces plaguing the continent. Such issues as

governance, nationalism, colonialism, post-colonialism, development, elections, leadership problems, resource management, ethnicity, diversity management, the military and politics, internal and inter-state conflicts, HIV/AIDS and other diseases, and women in African politics. This course will also take into cognizance the recent uprisings in North Africa, and any other contemporary features of the African landscape from semester to semester. In the final analysis, this course will explore spiritual roots of, and biblical solutions to the African problems surveyed.

PLSC 910: THEORY & METHODS IN POLITICAL SCIENCE

3 Credits

The recognition of the interconnectedness of theory and methods in the study and analysis of political behaviour and political institutions was central to the writings of Plato, Aristotle, Machiavelli, Hobbes, Locke, Montesquieu, Rousseau, Marx, Mao Tse Tung, and Frantz Fanon. For them, while theory is central to the explanatory task of unscrambling and attaching meaning to the complex cultural, economic, moral, symbolic, and social psychological undercurrents of political behaviour and the structure of politics, and to the design of political institutions and their ethical anchors, no less important is their emphasis that there must be a method to that exploration, in the form of what data to collect, and how to collect and interpret them. While theory is important and requires method, the choice of method and the questions of investigation that it raises are not only guided or driven by normative considerations but also necessary to validate and advance the explanatory power of theory.

This course aims to familiarize students with the theoretical, conceptual, epistemological, and methodological challenges of the explanation and interpretation of political phenomena and political behaviour raised by the interconnectedness of theory and methods in political science. Additionally, it will examine the controversies which have, historically dogged the discipline, such as the fact/value dichotomy, and the contending approaches to studying politics and the design of political institutions.

PLSC 911: TOPICAL ISSUES IN INTERNATIONAL POLITICS

3 Credits

The course is intended to expose students to current issues in international politics. Thus, it is designed to ensure currency on the part of students as regards developments at the international level. The major thrust of the course centres around the study of approaches and theories to the study of international politics, power politics, determinants of national power, the concept of foreign policy and national interest, terrorism, bi-polar versus mono-polar world, impact of information technology on international politics. This course will be discussed with an explicit recognition of the divine plan for, and involvement in the affairs of men and nations.

PLSC 912: FOREIGN POLICIES OF WORLD POWERS AND AFRICA

3 Credits

How can we account for the foreign policies of states in the international system? Why do they behave the way they do? This course examines some of the major themes of research on foreign policy, paying particular attention to the major world powers and selected African states. The course will examine the primary sources of incentives, constraints, and preferences on foreign policy decision-making in general and with respect to specific issues and questions of the day. The role of ethical leadership in foreign policy making and implementation of the states surveyed will also be explored.

PLSC 921: COMPARATIVE PUBLIC ADMINISTRATION

3 Credits

A discussion of the comparative study of Public Administration with reference to the conceptual and methodological problems involved; a survey of the context of Public Administration and its distinguishing characteristics in some selected countries; a review of selected aspects of public administration in comparative perspective, including structural and functional organization of ministries, departments, field administration, local government, the administration of management of public enterprises and methods of control and accountability. A Christian perspective on the roles of administrators, government-citizen relationships, and service

provision will be adopted for this course.

PLSC 922: AFRICAN REFUGEES AND INTERNATIONAL POLITICS 3 credits

This course is an in-depth study of the centrality of African refugees to the understanding and analysis of important issues in the politics, history and the international relations of African States. While providing a foundational understanding of the key determinants of African International relations, this course deals with issues relating to the colonial and postcolonial origins of refugees in Africa; the causes, trends and patterns of refugee protection; African states and refugees; human rights of refugees; management of refugee youth; refugee women; urban refugees; refugees and development crises of African states; internally displaced persons (IDPs); durable solutions to refugee issues; and the place of African refugee studies in the broader domains of African Studies and Refugee and Forced Migration Studies.

ILDP912: LEGAL RESPONSE TO GLOBAL TERRORISM 3 credits

The course will interrogate the various laws, conventions and resolutions that have been enacted and passed to combat the scourge of terrorism across the globe. It will look at both those enacted by United Nations and other Supra-national organisations such as European Union, as well as those enacted by selected nations to combat domestic terrorism within their territories and international terrorism.

PLSC 941: CURRENT ISSUES IN PEACE AND STRATEGIC STUDIES 3 Credits

This course examines the theoretical and practical aspects of promoting better understanding of war and peace, their nature and role in inter-state relations. In doing this the course will interrogate: theoretical issues of peace making, peace building, conflict management, conflict resolution, and conflict prevention, current issues of war against terror, UN handling of global security issues in the Middle-East, Korea Peninsula, Africa, other issues relating to peace and defence studies including food security, national security linkages, defence and foreign policy synergy, etc.

PLSC 951: ISSUES IN INTERNATIONAL LAW AND DIPLOMACY 3 Credits

International Law has evolved since the times of Hugo Grotius, Vattel and other classicists, just as diplomacy is a time honoured practice that has seen recent novel interpretation by states. International Law has witnessed exciting application intended to address new international problems such as terrorism, genocide, unprecedented human trafficking and migration, the protection of cultural property, and so on. This course is intended to analyse international law as applied to contemporary situations from a Christian perspective of law, and the new contributions to the law afforded by the practice of states.

PLSC 962: COMPARATIVE LOCAL GOVERNMENT 3 Credits

This course examines some major issues in local government administration from a comparative perspective with particular focus on structure, sources of power, creation, finance, control and reforms. Issues in national politics of specific countries and the effects on local government, federalism and local government, leadership struggles and local government, corruption, ethical governance and local government will be examined.

**PLSC 972: ADVANCED HUMAN RESOURCES
MANAGEMENT IN PUBLIC SECTOR 3 Credits**

The course is designed to make students apply their knowledge of theories and concepts of personnel management to the specific Nigerian and comparative experience; the development of public personnel management in Nigeria, periodic reforms, contemporary structure, process and problems of public personnel management in Nigeria. Biblical principles for hiring and firing, employee-management relations, personnel management, and reform will also be explored.

**PLSC 982: ISSUES IN FEDERALISM AND
INTERGOVERNMENTAL RELATIONS**

3 Credits

The course examines: the legal, political and administrative relationship between the different levels of government; pattern or relations; crisis of relations: effects of the crisis on government functions; management of intergovernmental relations in Nigeria: problems associated with the management of IGR in Nigeria; types of conflict and cooperation between the various levels of government will be examined to explore the challenges in the federal system especially on public finance; constitutional responsibilities, etc. Policy development and the processes of federal policy implementation will also be examined.

PLSC 970: DOCTORAL SEMINAR I

4 Credits

This Seminar series is designed for students to prepare their full dissertation proposal under the training and guidance of a faculty member or faculty team. In each doctoral seminar, the student presents their ongoing work in stages, and prepares formal papers or draft chapter that are presented, discussed and critiqued in class at least four times during the course by the lecturer and other students taking the seminar. Students are expected to hone their scholarly writing skills and also make progress towards the presentation of their pre-field seminar to the department.

In Doctoral Seminar I, the focus is on the technicalities of preparing the Introduction Chapter of the Thesis and Designing Appropriate Methodologies for Achieving the Research Objectives. Students are expected to prepare a minimum 100-entry bibliography as a path to selection of thesis topics, and are expected to present and defend their thesis topics as part of the requirements to be fulfilled for the completion of this seminar. Other requirements include the presentation of aspects of their thesis work related to the introductory chapter and designing appropriate methodology for achieving the research objectives.

PLSC 980: DOCTORAL SEMINAR II

4 Credits

This Seminar series is designed for students to prepare their full dissertation proposal under the training and guidance of a faculty member or faculty team. In each doctoral seminar, the student presents their ongoing work in stages, and prepares formal papers or draft chapter that are presented, discussed and critiqued in class at least four times during the course by the lecturer and other students taking the seminar. Students are expected to hone their scholarly writing skills and also make progress towards the presentation of their pre-field seminar to the department.

In Doctoral Seminar II, the focus is on the skills and knowledge required for Conducting a Sound (thorough, critical, expansive, theoretically rigorous, and up-to-date) Literature Review and Bibliography, as well as Preparing High-Quality Scholarly Papers for Publication from the thesis. Students are expected to make class presentations from their evolving literature review, as well as present draft papers for publication from the ongoing review for critique

PLSC 990: THESIS

16 Credits

The student will be required to review 100 scholarly publications of which 85% must be less than 5 years old and produce and annotated bibliography of such materials to justify the viability of the selected title. The doctoral thesis to be written by the student should address pertinent issues related to the degree to be awarded; must be on an issue of contemporary concern or relevance; must be carried out under the academic supervision of qualified academic staff in the department; and must conform to expected academic standards in structure, methodological rigour and style. It is also expected that the thesis completed at Babcock University incorporate as far as possible a section/chapter, or append some supporting document on the Christian and Biblical worldview as it applies to the subject matter of the thesis, as well as to the moral and ethical issues arising from the thesis.

The first part of the thesis writing, is devoted to the development of a complete research proposal including a literature review, theoretical framework and the methodology chapter. The candidate must pass and receive departmental approval of this aspect of the course through presentation of first three chapters of the thesis at a pre-field seminar in order to proceed to do fieldwork.

This second aspect of the doctoral thesis shall be devoted to data collection, analysis, reporting, discussion, and also including conclusions, implications of study, recommendations, identification of areas for further study, and any other relevant activities. This concluding aspect of thesis writing also requires the successful presentation of a postfield seminar report and the examination of the thesis by examiners both internal and external to Babcock University. *The Thesis is to be registered for, over a four semester period.*





Mr. Soyeye Oluwagbemiga
SNR. ADMISSION OFFICER
(Admissions Officer)



Mr. Onwulata, Ebere
GENERAL ADMIN. OFFICER



Dr. (Mrs.) Alegbeleye, Margaret
CPGS EDITOR



Dr. (Mrs.) Bamsaiye, Gbeminiyi
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Dr. (Mrs.) Alegbeleye, Margaret
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Confidential Secretary
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Mrs. Bolagade, Oluwatosin
ADMISSIONS OFFICER



Mr. Adeleye, Z. Olufemi
Examination Officer
(Ass. Registrar)



Mrs. Daniels, Oluwanike
ARCHIVE OFFICER



Mrs. Udosen, Itoho Patience
Confidential Secretary
to the Deputy Registrar