BABCOCK UNIVERSITY
ILISHAN-REMO
NIGERIA

BULLETIN OF
THE SCHOOL OF POSTGRADUATE STUDIES

2014 -2016
CORRESPONDENCE DIRECTORY

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A MESSAGE FROM THE DEAN

Babcock University has come a long way in training nation builders at the undergraduate level and now at the postgraduate level. The year 2010 saw the birth of postgraduate education at Babcock after four years of relentless planning and rigorous accreditation by the Adventist Accrediting Association (AAA) and the National Universities Commission (NUC).

Aside from training visionary leaders, who will become nation builders at different capacities, a specific objective of the postgraduate programme at Babcock is to graduate qualitative scholars at proposed time. To the glory of God, this we have achieved by turning out the first crop of graduates at the Masters and Doctoral levels, from the school of postgraduate studies, Babcock University, on the 3rd of June 2012.

The various masters, doctoral and postgraduate diplomas programmes offered at Babcock conform to the requirements of the labour market and as such bears direct impact on economic growth and national development. At the same time, Babcock being a faith based institution, has set out to produce scholars who will be intellectual and moral giants. This is why our postgraduate programmes have attracted candidates who are directors of business empires and corporate executives from across Nigeria and West Africa.

A unique opportunity for further studies, teaching and research exist for all our postgraduate students to explore our linkages with over 106 Adventist institutions of higher learning world-wide. More linkages are still being created with other universities nationally and internationally.

With all this in place, the stage has been set for a world-class faith based postgraduate education on our Nigeria soil all at Babcock University, welcome on board.

Ademola TAYO, PhD
Professor of Development Education and
Dean, School of Postgraduate Studies, Babcock University
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 Bachelors 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 Honorable 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 fulfillment 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 center 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!!!
SCHOOL 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 centered intellect
Honesty in Service
Ethical responsibility
Team work
Individual creativity

HISTORY OF SCHOOL 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) Chair
SVP, Academic Administration Vice Chair
Dean, School of Postgraduate Studies Secretary
Vice Dean, School of Postgraduate Studies Member
Bursar Member
Registrar 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 (Counseling 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)

**BABCOCK BUSINESS SCHOOL**
6. M.Sc. - Accounting
7. MBA - Masters of Business Administration
8. PGD - Postgraduate Diploma in Finance
9. M.Sc. - Finance
10. M.Sc. - Political Science
11. MPM - Masters in Public Management

**SCHOOL**
12. M.Sc. - Agronomy
13. M.Sc. - Animal Science
14. M.Sc. - Biochemistry
15. M.Sc. - Microbiology
16. M.Sc. - Environmental Management Science
17. M.Sc. - Computer Science
18. MPH - Masters in Public Health

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

SCHOOL OF SCIENCE AND TECHNOLOGY
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 postgraduate school, and 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 serves as the Dean; Dr Yacob Haliso is Vice-Dean while Mr Peter Oduroye remained as Deputy Registrar/ Secretary. 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 SPGS Board as at September, 2012:
Dean, School of Postgraduate Studies - Chair
Provosts/Deans of participating colleges & Schools - Vice-Chair
Deputy Registrar/Secretary of PG School - Secretary
Vice Dean SPGS - Member
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

Responsibilities of the Board of School 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):
   • Admission to postgraduate programmes.
- Theses title and appointment of University local and External examiners
- Coursework examination results
- Panel of examiners for Ph.D. qualifying examination
- Results of Ph.D. qualifying examination
- Extension of studentship
- Deferment of admission
- Minimum periods of professional attachment or internships
- Minimum attendance requirements for coursework
- Award of postgraduate fellowships
- Approval of teaching staff for postgraduate studies
- 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:
   - approval of regulation or amendments to them for postgraduate studies
   - approval of postgraduate diploma or higher degree programmes or amendments to them
   - approval of postgraduate diploma or higher degrees of the University
   - approval of minimum education qualifications for admission into programmes
   - all such other responsibilities as Senate may assign from time to time.

POSTGRADUATE SCHOOL MANAGEMENT/EXECUTIVE COMMITTEE (EXCO)
The Postgraduate School 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 Postgraduate School Management/Executive Committee is the Executive organ of the SPGS Board. It carries out the day-to-day activities of the SPGS and implements the decisions of the BU ADCOM, Senate and SPGS Board concerning postgraduate education. It also takes pertinent actions in behalf of the SPGS Board in the inter-Board sessions after necessary consultations and reports such to the Board at the earliest possible time. Members are as follows:

Dean, School of Postgraduate Studies - Chair
Vice-Deans of SPGS - Vice-Chair
Secretary of PG School - Secretary
Head of SPGS Exams and Records - Member
Head of SPGS 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 centers. 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  
Counseling Centre  
Chaplaincy Unit

**Programme Implications:**
1. The fulfillment of these general and special objectives will call for the provision of a variety of postgraduate programmes which may be classified broadly into: long-term research-oriented courses of study and training; and courses of shorter duration and of practical orientation.

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.

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**

Postgraduate Diplomas (PGD)

Masters Degrees

Masters with coursework and research project  
M.Sc., M.A., & including Professional Masters – MPM, MBA.

Masters with coursework & research thesis – M.Sc.; M.A; MIRM.

Masters of Philosophy with coursework & research thesis - (M.Phil)

Doctor of Philosophy – Ph.D.

**GENERAL ADMISSION REQUIREMENTS**

**Postgraduate Diploma:**
A graduate from a recognized University or a person with qualification adjudged to be equivalent to a first degree may be admitted. A holder of a minimum of upper credit in the Higher National Diploma from a recognized institution may also be admitted.

**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.

**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 research dissertation from a recognized University, may be admitted into the M.Phil degree program.

**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 research 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 completed 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 MSc or MA (number of units and duration to be determined by corresponding department in agreement with BU SPGS), including a thesis, 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 MSc (or MA) 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. Upon satisfactory completion, provisional or regular status may be given. No credits earned while under 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 an MSc (or MA) in the same area of specialization, with both the MPhil and the MSc (or MA) meeting the required levels of proficiency (60% and 50% respectively). If the applicant with an MPhil does not have an MSc (or MA) 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 MSc (or MA) 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 any 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 MSc (or MA) 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.

Minimum of 24 Credits done over a minimum period of two semesters with an average score of not less than 50%.

ii. **Masters Degree**
A minimum of 36 credits including a research thesis of 6 credits done over a minimum period of three semesters with a cumulative GPA of 3.00. **No credits may be transferred from an external M.Sc./MA programme to Babcock PG programme.**

iii. **Master of Philosophy**
For the Master of Philosophy (MPhil), a minimum of 24 credits including a dissertation of 6 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, and a minimum of two elective courses in the second year, in addition to the MPhil project.

iv. **Doctor of Philosophy (Ph.D) Degree**
A minimum of 56 credits including a research thesis of 12 - 16 credits over a minimum period of six semesters. The 40-credits course work is scheduled to be completed in the first four semesters while the 12 - 16 credit research thesis largely fills the last two semesters. A minimum of 56 credits including a research thesis of 12-16 credits over a period of eight semesters. The 40 credits course work is scheduled to be completed in the first six semesters while the 12-16 credits research thesis largely fills the last two semesters.
PART I
GENERAL INFORMATION

Postgraduate Admission Procedures

How to Apply
Application form is available online. This is to be downloaded by the applicant and submitted after completion to the Admissions Office, School of Postgraduate Studies, Babcock University. Relevant documents should be attached.

No person shall be admitted unless his/her application has been approved by the Board of the School of Postgraduate Studies (hereinafter referred to as the Board) on behalf of Senate and on the recommendation of the appropriate School Postgraduate committee (hereinafter called School committee)

Every applicant should furnish with the application evidence in the form of a certified academic transcript of his previous university work and letter(s) of reference from his previous university teachers that he is qualified to undertake advanced study and research, and that he has satisfactory knowledge of the language required for such study.

The school or department may require, subject to approval by the Board, additional conditions for admission, e.g. interview

APPLICATION FORM SHOULD BE COMPLETED AND RETURNED BY HAND OR COURIER SERVICES WITH THE PHOTOCOPIES OF THE FOLLOWING DOCUMENTS:

Bachelor’s Degree/HND Certificate
Master’s Degree Certificate for candidates proposing to pursue M.Phil,
Notification of Results of Bachelor’s Degree Examinations for B. U. graduates proposing to pursue Masters and PhD Degrees
NYSC Discharge/Exemption Certificate for Nigerian Candidates
Marriage Certificate or Evidence of Change of Name(s) where applicable
Three recent passport-sized photographs
Any other certificate or document(s) relevant to the mode of application

Arrangement should be made with your institution to forward your academic transcript to reach the following address before the closing date:

THE SECRETARY,
SCHOOL OF POSTGRADUATE STUDIES,
BABCOCK UNIVERSITY
P.M.B. 21244, Ikeja, Lagos

Eligibility
A general requirement for admission is a Bachelor’s degree in Arts, Philosophy or Science or an acceptable equivalent from an approved Institution of higher learning. An academic standing of a minimum of second class lower division is required for admission to Masters Degrees programme and an M.Phil. or Masters degree with research thesis in appropriate field and at least 60% or 4.00 CGPA on a 5.00 point scale in the Masters coursework is required for admission to Doctorate degree.
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 School of Postgraduate Studies Board.

Types of Admission
- **Summer Semester Module**: May 1- July 30 every year
- **Regular Session Module**: September – December; January-April every year
- **Elongated Semester Module**: Every Sunday for 22-24 weeks beginning July or January every year

**N/B:**

*Regular 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 regular semester consists of 16 weeks, the elongated 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 7 credits. The reason for 7 credits, rather than 5 credits, which would typically be Elongated Module status of a Regular Module 10-credit load, is that this takes into account the extended semester.

Tuition Fee PG Courses
Obtainable at the Bursary subject to periodic review.

Enrollment and Residency Requirement
Elongated Module academic enrollment is available at professional Masters and Doctoral levels for those with genuine reasons for doing so. A graduate student is expected to enroll 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:
- Non-registration for two or more consecutive semesters
- Unsatisfactory academic achievement
- A weighted semester coursework average grade less than C (50%) for two consecutive semesters
- Failure (grade less than 45%) in more than two courses in any semester
- Failure in any repeated course.
- Exceeding the official duration or approved extended duration of study
- Concurrent enrollment for more than one postgraduate programme in the university
- 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**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
<th>Letter</th>
</tr>
</thead>
<tbody>
<tr>
<td>80 – 100</td>
<td>5</td>
<td>A</td>
</tr>
<tr>
<td>60 – 79</td>
<td>4</td>
<td>B</td>
</tr>
<tr>
<td>50 – 59</td>
<td>3</td>
<td>C</td>
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<td>45 – 49</td>
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<td>D</td>
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<td>40 – 44</td>
<td>1</td>
<td>E</td>
</tr>
<tr>
<td>0 – 39</td>
<td>0</td>
<td>F</td>
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</table>

**MASTERS PROGRAMME PERCENTILES GUIDELINES**

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>- 5%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>- 10%</td>
</tr>
<tr>
<td>Assignments</td>
<td>- 10%</td>
</tr>
<tr>
<td>Mid-Semester Examinations</td>
<td>- 15%</td>
</tr>
<tr>
<td>Final Examination</td>
<td>- 60%</td>
</tr>
<tr>
<td>Total</td>
<td>-100%</td>
</tr>
</tbody>
</table>

**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:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Language of paper</td>
<td>- 5%</td>
</tr>
<tr>
<td>b) Methodology adopted</td>
<td>- 5%</td>
</tr>
<tr>
<td>c) Content/Relevance of paper</td>
<td>- 10%</td>
</tr>
<tr>
<td>d) Oral Presentation</td>
<td>- 10%</td>
</tr>
<tr>
<td>e) Corrected version of paper</td>
<td>- 10%</td>
</tr>
<tr>
<td>f) Active Participation in Others’ work</td>
<td>- 10%</td>
</tr>
<tr>
<td>Total</td>
<td>50%</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>- 5%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>- 5%</td>
</tr>
<tr>
<td>Mid-Semester</td>
<td>- 10%</td>
</tr>
<tr>
<td>Final Examination</td>
<td>- 30%</td>
</tr>
<tr>
<td>Total</td>
<td>50%</td>
</tr>
</tbody>
</table>

**GRIEVANCE PROCEDURE**

Students who believe that their academic rights have been infringed upon or that they have been unjustly treated with respect to their academic programme are entitled to a fair and impartial consideration of their cases. They should do the following to effect a solution:

- Present their case to the lecturer(s) concerned
- If necessary, discuss the problem with the Head of Department
- If agreement is not reached at this level, submit the matter to the Dean of Faculty
Finally, ask for review of the case by the Grievance Committee, chaired by the Deputy Vice-Chancellor or his designee and including three other academic staff members and two students selected by the Academic Standards Sub-Committee of Senate.

Both the student and the lecturer involved in the case are entitled to appear before the committee or to present a written statement of the case. The decision of the committee shall be presented in writing to the individuals involved within three days of the committee meeting unless a later time is agreed upon by both parties. The decision of the committee is binding and will be implemented by the lecturer involved or the Deputy Vice-Chancellor. Legal representative is not allowed before University committees.
PART II
POSTGRADUATE REGULATIONS

A. POSTGRADUATE DIPLOMA

Article 1: How to Apply
Check admission procedure on the general regulation section

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

Article 3: Programme of Studies
The programme of studies for each diploma course shall be as approved by Senate on the recommendation of the Board.
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
No diploma programme shall be less than two semesters in duration
In cases where Extended Module or long vacation diploma programmes have been approved by Senate, such diploma programmes shall not be less than four long vacations.

Article 5: Schemes of Examination
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.
No candidate shall be permitted to sit for the prescribed examination(s) unless such a candidate shall have: appropriately registered for the course(s) leading to the examinations; satisfied the minimum attendance of 70% required for courses; and satisfactorily completed all other approved University, School or Departmental requirements for the programme of studies.
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.
Required Project reports or dissertations shall be graded in the same manner as applied to written coursework examinations.

Article 6: Board of Examiners
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.
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.
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:

Every candidate shall obtain a weighted minimum coursework average of 50 (C) or better in the written examination as a whole and a grade which is not less than 45% (D) in any written paper(s).

No Postgraduate student shall fail (i.e. score less than 45%) 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).

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
There shall be Masters Degree by coursework, written examination, and project report or research – M.B.A., M.P.M., M.I.R.M, MDS
There shall be Masters Degree by coursework, written examination and research theses – M.A., M.Sc., MIRM, M.Phil.

Article 9: Application
Check admission procedure on the previous section

Article 10: Eligibility
An applicant for admission to the Masters degree course under regulation 9(i) above shall be:
- a graduate of Babcock University or
- a graduate of any other approved University or
- a person who holds recognized qualification(s) approved by Senate.

An applicant for the Master’s degree programme 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.

Before a candidate is offered admission under regulation 10(i)(b) & (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.

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.

Notwithstanding Article 10(i)(a) – (c) above, a School may require an applicant, as a condition of admission:
- to pass test(s) as may be prescribed by the University Department concerned with his proposed work and or
- to take such other pre-requisite or concurrent course(s) and pass such examination(s) as shall be prescribed.

The result of such test(s) and examinations taken under Regulation 10(v) above shall be approved by the Board.

Each candidate may be required to present an oral and written proposal before he/she is offered admission

Article 11: Programmes of Study

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

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 programme of study.
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**
Every candidate for the Masters programme 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.

Candidates who are on the Master’s research programme 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.

Candidates who breach the provisions of the Regulation 12(i) and (ii) above shall have their studentship terminated.

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.

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**
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.

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).

Course examinations shall be at official University examination periods, and the provisions of Regulation 5 (iii) and (iv) above, shall apply.

The thesis requirement for the research Master’s degree programme shall be examined as prescribed under Regulation 16 below.

**Article 14: Approval of Thesis Title and Appointment of Supervisors, University and External Examiners**
Candidates required to submit theses as part requirement for the award of the research Master’s degree, shall, not later than the beginning of the second semester of registration:

be assigned a supervisor or a committee of supervisors by their Departments and approved by the Board. Write proposals of research topics of their choice for the consideration of the appropriate School Committee and approved by the Board.

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.

There shall be a panel of examiners for the examination of each research thesis

The panel shall be composed of at least

the Head of Department who shall be Chief Examiner and Chairman of the panel of Examiners;

the candidate’s supervisor(s);

at least one member from a related department who will be appointed by the Board; and

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.

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

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

Article 15: Standard of Presentation of Thesis

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

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

The thesis 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 thesis, if already published in part or whole, shall be submitted in the published form.

Where a thesis 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.

A candidate may not include in his thesis 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.

A thesis must be the candidate’s original contribution to knowledge or to practice in the candidate’s field.

Every thesis 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.

A thesis must be accompanied by a short Abstract comprising not more than 500 words.

Article 16: Examination of the Thesis

The Head of Department shall, not less than four weeks before the examination of the thesis, notify the Secretary of the School of Postgraduate Studies in writing stating the full title of thesis and date of approval of same on the approved format.
The examination of a thesis shall be conducted at a specified venue by the panel of examiners as approved in Regulation 14 (iii) & (iv).

The examination of the candidate must be oral. 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.

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

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

Article 18: Format of the Thesis
The bound thesis shall conform with the prescribed Guidelines for Writing Thesis for Higher Degree of the University.

In particular, the following specifications should be complied with:
all copies shall be in double spaced typescript on one side of the paper only:
the size of the paper shall be A4 except for drawings and maps for which there may not be restriction:
the margin on each sheet shall not be less than 18m on the left-hand side, 13mm on the right, 25mm at the top, and 13mm at the bottom.
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
the thesis 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
Article 19: Minimum Requirement for the Award
Candidates shall be required to satisfy the provisions of Article 7 (i) & (ii) above
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. MPhil

Article 20: Method of Application
Check admission procedure on the general regulation section

Article 21: Eligibility
An applicant for admission to the MPhil degree course under regulation 20 above shall be:
a graduate of the Babcock University or a graduate of any other approved University who possesses a Master’s Degree
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 MPhil degree
For admission to PhD after MPhil, candidates must have minimum of 60% at the MPhil.

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

Article 22: Method of Application
Check admission procedure on the general regulation section

Article 23: Eligibility
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 thesis and a minimum CGPA of 4.00 on a 5 point scale or 60%.

Article 24: Programmes of Study and Research
The Programmes 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.
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 programme of study as shall be approved by Senate on the recommendation of the School Committee through the Board.
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 programme of study.
A candidate is required to have two publications before he/she can be listed for graduation. 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
The minimum period of study for the Ph.D. degree shall be six semesters.

No candidate shall be granted Elongated Module registration unless the Board is satisfied that supervision will be effective throughout the period of studentship.

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.
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.

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**

No candidate shall be granted Elongated Module registration or be permitted to prosecute his/her 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.

The award of the Ph.D. degree of Babcock University to such a candidate under Regulation 24(i) above shall also be subject to:

The Board being satisfied with the title and original detailed plan of study before it is embarked upon;
The Board being ultimately responsible for the approval of the Supervisor on the recommendation of the Departmental/School Postgraduate Committee, and

The candidate meeting the other requirements besides the presentation and successful oral defense of the dissertation.

**Article 27: Examination/Grading of Coursework**

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

<table>
<thead>
<tr>
<th>Component</th>
<th>Weightage</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Graded Seminar Presentation</td>
<td>50%</td>
</tr>
<tr>
<td>b) Written Examination/CA</td>
<td>50%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

**Article 28: Minimum Requirements for Ph.D. Candidates**

The provisions of Regulation 19(i) & (ii) shall apply to Ph.D. candidates

All candidates in the Ph.D. degree programme shall pass an oral examination to be taken at the end of the thesis writing.

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**

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:

detailed research proposal and a comprehensive bibliography on the area of specialization, theory and methods:
The Chief Examiner shall circulate the proposal to other members of the panel at least two weeks before the examination:

The examination shall be oral and/or written
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 SPGS.

Report of the qualifying examination shall be in accordance with Regulation 17(i).

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.

A Ph.D. candidate who fails to present himself for the qualifying examination by the end of the prescribed period without the approval of the Board shall forfeit his studentship.

**Article 30: Approval of the Ph.D. Thesis, Title, Supervisor(s), University and External Examiners**

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.

Once approved, thesis titles can only be changed with the permission of the Board on the recommendation of the School Postgraduate Committee.

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.

A candidate who fails to submit his/her thesis title at the appropriate time may not be entitled to extension of period of study.

The provision of Article 14(iii) & (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 School of Postgraduate Studies to be nominated by the Dean SPGS 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.

**Article 31: Evaluation of Thesis and the Candidate’s Performance**

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 School of Postgraduate Studies through the School Postgraduate Committee.

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 School of Postgraduate Studies through School Postgraduate Committee.

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.

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) & (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.

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.

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.

Any breaches of Regulation 16(i), (iii), (iv), and (vi) shall render the examination thereof null and void.

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 programme.

**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) & (ii) above.

**Article 33: Standard and Presentation of Thesis**

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.

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.

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: 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 thesis for the approval of the Board.
PART III:  GENERAL REGULATIONS

Article 35: Change of Course
Candidates admitted to the Postgraduate Diploma, Master’s, and Ph.D. programmes under the regulations above may be allowed to apply for change of course, provided the following requirements are complied with:

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. 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. All relevant papers shall be collated by the Head of the proposed Department and forwarded to the Board of the School of Postgraduate Studies through the Faculty Postgraduate Committee for determination. Usually such changes can only be effected within semester for Masters and Ph.D. Candidates requesting for inter-faculty change of courses may be directed to re-apply afresh for admission in the normal way to the proposed School in cases of complexities.

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

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

Deferment
Upon receiving admission letter, students are permitted to defer admission by completing registration process which of course includes payment of a semester’s school fees.

CLASS LOAD
Regular Module/Elongated Module
The course load for regular students per semester is 10 credits for PhD students and 20 credits for Master degree students.

The course load for students on elongated module per semester is 7 credits for PhD students and 14 credits for masters’ degree students.

Students are expected to complete and pass all coursework before presenting their pre-field or post-field, especially those in the PhD programme.

Article 36: 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 programme in accordance with the regulations in force at the material time, subject to the following additional requirements:

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)

The Director for human resources must indicate the type of release granted (Regular Module condition or Elongated Module condition). Such release should be such that give the staff the required time to fulfill his/her deadline requirement.
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 Programme to the functions that the member of staff is expected to perform and the overall development of the Department. 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. The Board shall, on the recommendation of the appropriate School Postgraduate Committee, prescribed the conditions for continuance of the studentship of such candidates.

Article 37: Registration of Postgraduate Students
The name of an applicant who has been admitted for postgraduate studies shall be registered in the School of Postgraduate Studies. Each School and Department shall be required to keep an up-to-date Register of Postgraduate Students in the School or Department as appropriate. 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:

- only candidates with authentic letters of admission from the Board shall be eligible to be so registered.
- 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.
- the period of studentship shall include the period after the oral examination (where required) up to the time of Board approval of the results;
- late registration shall be entertained only on the fulfillment by candidates of conditions approved by the Board;
- penalty for breaching Article 37(iii) (a-c) above shall be the termination of studentship or the imposition of fines in cases of late registration in respect of Article 37 (iii) above.

Article 38: Progress Reports
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. Such progress reports on candidates shall be remitted to the Board by each Faculty at the end of each session. The Board shall prescribe the form and design of the progress report(s) as required in Regulation 38 (i) & (ii)

Article 39: Maintaining Postgraduate Studentship
To maintain studentship for any diploma or higher degree of the University, a student shall have been duly registered as prescribed under Article 37(iii) (a-d). 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). Penalty for breaching Article 39 (i) and (ii) above shall be the termination of studentship and withdrawal from the University. Non-registration for two consecutive semesters shall automatically lead to termination of studentship.

Article 40: Eligibility to Teach and Examine Postgraduate Courses
Only the following categories of staff shall, normally, be permitted to teach postgraduate courses:
Teachers with a doctorate degree and with a minimum of one year of teaching and research experience at the University level.
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
Teachers who are themselves not higher degree candidates under supervision in the University.
In special circumstances, other categories of teachers approved by the Senate on the recommendation of the Board;
In accordance with Article 40(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;
The Board for just cause under Article 40 (i) – (iii) above, may refuse to register candidates for courses and refuse to approve courses of study, if the Board is satisfied that the available teaching staff is inadequate under the Article.

Article 41: Eligibility to Supervise Postgraduate Thesis
Only the following categories of staff shall, normally be permitted to supervise postgraduate projects, long essays, and research thesis:
teachers of the rank of Lecturer 1 and above who:
have themselves successfully undergone postgraduate research degree programme of this or any other University, and
are themselves not higher degree candidates under supervision in this or any other University.
Ph.D. thesis shall be supervised by Senior Lecturers and above who themselves are Ph.D. holders
In special cases, other categories of staff approved by the Board on the recommendation of the appropriate School Committee.

Article 42: Role and Appointment of Research Supervisors for Master’s, and Doctor of Philosophy (Ph.D.) Candidates
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.
Where there is more than one supervisor, others shall be designated the co-supervisor(s). The chief 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.
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.
In exceptional cases, where a student is dissatisfied with his supervisor(s) approved by the Board of School 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 43: Approval of Postgraduate Programmes and/or Courses**

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

No Postgraduate diploma, and higher degree programmes, 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.

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.

Infringement of the above article 43 (i) to (iii) shall render such programmes 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 44: Advertisement of Postgraduate Programmes and/or Courses**

Approved Postgraduate programmes 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.

The non-advertisement of an approved programme or course shall not be a sufficient ground for non-consideration of admission into such a programme or course for the appropriate semester.

**Article 45: Offer of Postgraduate Admission**

There shall be admission exercise held as the need arises and on schedule in a year into postgraduate programmes and/or courses at times to be prescribed in line with approved modules.

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.

Notwithstanding the admission exercise provided for in Article 45 (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.

The Board may, on the recommendation of the appropriate School Committee, offer postgraduate admission to qualified candidates on fellowships, field work and research attachments.

Any breach of article 45(v) shall lead to forfeiture of studentship in both programmes.

**Article 46: Transfer of Credit from an External PG Program**

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

Partial academic transcripts of studies taken elsewhere must be requested and forwarded to SPGS by the University for evaluation.
Though the accepted credits will appear on the BU SPGS transcript of record, they will not enter into the GPA calculation but they can be counted towards degree requirements.

A maximum of eight credits comparable to BU SPGS courses at the graduate level (not previously used toward a graduate degree or another degree) may be transferred into a master’s program. A maximum of fifteen credits, satisfying the aforementioned condition may be transferred into a doctoral program.

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 47: Mode of Course Lesson Delivery

*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.

*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 the final examination or 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.

SCHOOL OF EDUCATION AND HUMANITIES
DEPARTMENT OF HISTORY & INTERNATIONAL 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. It is a professional Masters degree.

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 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 37 units of course made up as follows:
- 4 units of general education requirements
- 18 units of compulsory courses from the 800 level courses available in the department
- 9 additional units from the optional courses or the inter-departmental courses available.

Candidates must also successfully complete and defend a dissertation of 6 credit units.

**DEPARTMENT OF HISTORY & INTERNATIONAL STUDIES**
**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. Special attention is given to the philosophy of history and 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 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.

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

b) **GRADUATION REQUIREMENTS**
- i) Earned credit hours for graduation: 37 Credit Hours
- ii) Minimum no of years for graduation: Three Semesters
- iii) Minimum CGPA for graduation: 3.00(terminal degree)

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<th>COURSE CODE</th>
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<td>HIST 801</td>
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<td>HIST 810</td>
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<td>HIST 815</td>
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<td>Foreign Policy Analysis</td>
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<td>HIST 832</td>
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<td>HIST 841</td>
<td>Inter African Diplomacy</td>
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<td>HIST 842</td>
<td>Economic History of West Africa 1750-1960</td>
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<td>HIST 851</td>
<td>A History of Modern Political Theory and International Relations</td>
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<td>HIST 852</td>
<td>African Government and Politics</td>
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<td>Congress and Summits in Moderns International Relations</td>
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Note: In addition to the compulsory courses, every student is expected to offer two elective courses in 1st semester and one elective course in 2nd semester.

COURSE DESCRIPTION

GEGS 801: RELIGION, FAITH AND MORALITY 2 Credits
An in-depth opportunity for the graduate student 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.

GEGS 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 correlations, interpretation of regression line of curve, sapling theory or regression, sapling 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.

HIST 801 THEORIES AND CONCEPTS OF THE HISTORY 3 Credits
A study of Historiography of Africa and sources of African history with special emphasis on non-written sources.

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 Nigeria history.

HIST 811 HISTORICAL RESEARCH METHODOLOGY 3 Credits
A detail discussion of available sources of information, the method of collecting, analyzing and evaluating historical data run on the course also includes a critical analysis of historical source materials and various methods and approaches of exposition. This also includes a practical exposure to the library, the archives and field work for the collection of oral tradition.

HIST 812 REGIONAL APPROACH 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.

**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, 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.

**HIST 822 FOREIGN POLICY ANALYSIS** 3 Credits
This course introduces students to theories of foreign policy analysis, using a level of analysis approach, and then to apply theoretical framework in an analysis of case studies drawn primarily from the field. The course provides a survey of theoretical perspectives on the sources of foreign policy organized by level of analysis, moving from individual level approaches to domestic and systemic theories. In addition to providing a survey of relevant scholarly literature, the course will also focus on a series of policy-oriented case studies. The objective will be to integrate theory and policy, debating the merits of alternative theoretical approaches in the context of specific historical case studies of the policy-making process.

**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.

**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 OAU and its transformation to the African union, the African union and its mediatory role in conflict resolution in Africa and coordinating at efforts cooperative economic development.

**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, etc. local, regional, inter-regional and eternal trade in all commodities including slaves. 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 introduction of changes affecting agriculture, export trade, banking and finance, and mining and industries and the introduction of wage labour.

**HIST 851 A HISTORY OF MODERN POLITICAL THEORY AND INTERNATIONAL RELATIONS** 3 Credits
A study of the philosophy of Friedrich Nietzsche, Karl Marx, Maynard Keynes and others are related to modern political systems.

**HIST 852 AFRICAN GOVERNMENT AND POLITICS**  
3 Credits  
This course will cover: the advent of colonialism in Africa; colonial administration, the different approaches to colonial administration by Britain and France, the nature of colonialism, the advent of independence, post-colonial governments and the crisis of unfulfilled expectations, the phenomenon neo-colonialism.

African political economy; terms of trade and the debt burden, military intervention in African politics, Pan Africanism.

**HIST 862 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.

**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.

**HIST 899 RESEARCH DISSERTATION**  
6 Credits  
An original essay of not more than 15,000 words on any topic to the course chosen by the student and approved by the Department.

**DOCTOR OF PHILOSOPHY IN HISTORY (PH.D HISTORY)**

The course, Doctor of Philosophy in History is an academic degree designed to train and produce scholars in the field of History. Special attention is given to the philosophy of history and historical research methodology and historical movements and forces with a view to produce scholars, university teachers and researchers.

**GENERAL ADMISSION REQUIREMENTS**

i. **Doctor of Philosophy (Ph.D) Degree**

A candidate with a good Masters degree in History with not less than 4.00 or 60% CGPA which include course work and research dissertation from a recognized university may be admitted.

**GENERAL GRADUATION REQUIREMENTS**

i. **Doctor of Philosophy (Ph.D) Degree**

A minimum of 58 credits including a research thesis of 16 credits over a minimum period of six semesters as indicated of the next page.

### COURSE OF STUDY LEADING TO THE PROPOSED DEGREE:

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**ELECTIVE COURSES**

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<td>HIST908</td>
<td>The Development of Modern Nigeria: The Seventh Day Adventist Perspective</td>
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<td>Women in Development in Africa</td>
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<td>HIST910</td>
<td>ECOWAS: The Birth of the West African Economy Community</td>
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**PROGRAM TOTAL: 58 Credits**

**COURSE DESCRIPTION**

**HIST 901: PROBLEMS AND THEORIES OF HISTORIOGRAPHY 4 Credits**
The course is to stimulate in students such have for the study of History that they may want to make a career of researching into an aspect of it and making others appreciate its value, not just for intellectual training but also for the building of a strong, integrated society.

**HIST 902: BASIC HISTORICAL RESEARCH TECHNIQUES 4 Credits**
This practical course in the methods of historical research and writing is intended to impart in students some skill in undertaking historical research project and mode of presentation. It will acquaint students with the problem of sources, and the methods of collecting, analyzing and evaluating sources. Special emphasis is placed on historical writing style…the good style to aim at and the pitfalls to avoid. Skill in writing is of universal application, hopefully, it would remain with the students whatever career they may pursue after graduating.

**HIST 903: POLITICAL INSTITUTIONS AND GOVERNMENT IN PRECOLONIAL NIGERIA 4 Credits**
The course examines the mode of governance in pre-colonial Nigeria with illustrations drawn from selected societies. It deals with traditional philosophy and how it affects attitudes to governance and the institution of the society, the structures of governance and their
effectiveness. Students will be encouraged to develop their own insights in this course in relations to problems of governance and administration in contemporary Nigeria.

**HIST 904: WEST AFRICAN ECONOMY BEFORE 1900**  
4 Credits

This course examines the sources and productivity of West African domestic economy in the precolonial period. Human activities such as agriculture, craft, industry and commerce are comprehensively studied and analyzed. The role of the state in the control and organization of long-distance trade routes, markets within and across the region. An attempt will be made to assess the impact of the economy on the cultural, political and social development of the societies.

**HIST 905: THE INDUSTRIAL PROCESS AND ECONOMY OF COLONIAL WEST AFRICA, 1900-1960.**  
4 Credits

This course lead the students in a study of the nature and structure of the Colonial economy in West Africa and to examine Colonial industrial policies and their impact on the industrialization process. The role of expatriate transnational companies as well as African initiative in the scheme of things would also be studied.

**HIST 906: THE THIRD WORLD AND THE CHALLENGES OF DEVELOPMENT**  
4 Credits

The main focus of the course is the impact of the network of institutions and policies designed by advanced countries of the North on the development of the Third World countries. It also examines the measures and policies that are being taken by these countries since 1955 to meet these challenges and their effectiveness.

**HIST 907: POST-INDEPENDENCE AFRICAN GOVERNMENT AND POLITICS**  
3 Credits

The Course lead the students as they study the process of decolonization in Post-Independence Africa through to the emergence of political parties involved in mass mobilization, competitive modernization and semblances of ideological orientation. Tendencies towards One-Party Structure and endemic corruption leading to leadership and followership Struggle before military intervention brought the interludes will be studied as well as challenges of democratization.

**HIST 908: THE DEVELOPMENT OF MODERN NIGERIA: THE SEVENTH-DAY ADVENTIST PERSPECTIVE**  
3 Credits

The main focus is to attempt a discussion of Seventh-day Adventist work and its impact in Nigeria beginning from 1914 when Elder D.C. Babcock came as pioneer missionary.

**HIST 909: WOMEN IN DEVELOPMENT IN AFRICA**  
3 Credits

The course focuses on gender studies especially women and their challenges in development in Africa. It analyzes states policies regarding women in African countries precluding the realization of their full potentials in the national effort at development. The course also examines existing cultural and religious restrictions on women. On the positive side, the course discusses the changes taking place in the position of women in the society, resulting from the role of education and the activities of feminist and human rights groups working for the enhancement of the scope for the participation of women in the society in all spheres.

**HIST 910: ECOWAS: THE BIRTH OF THE WEST AFRICAN ECONOMY COMMUNITY**  
3 Credits

The Course deals with the conception, planning and the birth of the Economic Community of West African States in 1975 its geo political influence and economic relevance as regional economic bloc.

**HIST998: THESIS 1**  
8 Credits
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 rigor 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. Finally, the dissertation must be original.

The first part of thesis writing HIST 998 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 in order to proceed to do fieldwork and/or to register for the sequel occurs, HIST999.

**HIST 999: THESIS 11**

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 post-field seminar report and the examination of the thesis by examiners both internal and external to Babcock University.
DEPARTMENT OF LANGUAGES AND LITERARY STUDIES
MASTERS OF ARTS IN ENGLISH (LANGUAGE AND LITERATURE EMPHASIS)

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 orature.

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 lower
- 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 36 units of courses made up as follows:
- 30 units of compulsory courses from the 800 level courses which must include the research project.
- At least 10 additional units from the optional courses at the 800 level.
- Successfully complete and defend a Thesis.

Duration: Three Semesters.

STRUCTURE OF FULL TIME STUDIES FOR M.A. ENGLISH (LANGUAGE EMPHASIS)

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Candidates are to choose any Language elective per semester, total of two (2) electives for the session.

**AREAS OF RESEARCH IN ENGLISH (LANGUAGE EMPHASIS)**

- Phonetics/Phonology
- Syntax
- Stylistics
- Semantics/Pragmatics
- Discourse Analysis
- Sociolinguistics
- Text Linguistics
- Applied (English) Linguistics
- Nigerian English
- English Morphology and Lexis
- Pidgin and Creoles
- English as Second Language
- Contrastive Analysis

**COURSE DESCRIPTION**

**(GEDS 801) RELIGION, FAITH AND MORALITY**

2 Credits

An in-depth opportunity for the graduate student 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.

**(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, sapling theory or regression, sapling 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.

**(ENGL 801) ADVANCED 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 804) CONTRASTIVE LINGUISTICS 3 Credits
This 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 871) ADVANCED RESEARCH METHODS 3 Credits
This study presents, critically, diversities of research methods and approaches. It is intended to expose students to the challenges of research. Issues of emphasis in this course include editing, authenticity, plagiarism, interpretation, original research and documentation. The study will equip and prepare students for project, dissertation or thesis writing.

(ENGL 812) ADVANCED DISCOURSE ANALYSIS 3 Credits
This is 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, and others.

(ENGL 821) ADVANCED ENGLISH SEMANTICS & PRAGMATICS 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 882) THE ENGLISH LANGUAGE IN NIGERIA 3 Credits
This is a study of the history, role and nature of the English Language in Nigeria; especially the complex multilingualism is studied along with the influence of the English-based Pidgin and Nigerian languages.

(ENGL 881) ADVANCED ENGLISH SYNTAX 3 Credits
This course focuses on detailed studies of new trends and various aspects of the grammar of English. The different models of grammar, with emphasis on the nature of the semantic component and transformations are to be examined. The models to be considered include Transformational Syntax; Transformational Generative Grammar; Generalized Phrase Structure Grammar; functional Grammar: (Hallidayan Grammar, Systemic Grammar, and others); Chomskyan Linguistics, (Minimalist Theory, Standard theory, Extended Standard Theory, Revised Extended Standard theory).

(ENGL 872) ADVANCED ENGLISH STYLISTICS 3 Credits
The concept of style, stylistics, theories and approaches to the study of style, the use of linguistic tools in analyzing literary and non-literary texts, register: language of law, language of religion newspaper, reporting, advertising, language of bureaucracy, technical/scientific writing, and others.

(ENGL 841) 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, pidginization and crealization, language policy and national integration, language conflict, language attitudes, global language, and others.

(ENGL 842) ENGLISH FOR SPECIFIC PURPOSES 3 Credits
This is an in-depth study of English used for specific purposes: business, legal, marketing, banking, insurance, mass media, administrative, medical, publishing, and other professional services in public and private settings. The strategies, structure, form and features of formal and informal communication will be studied in detail. The English language will be examined as an interactive tool in formal situations like the office, social settings, meetings, conferences, seminars, among others.

(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 852) PIDGINS AND CREOLES 3 Credits
This course is a survey of the origin, nature and development of Pidgins and Creoles, language in contact. It is a study of the phonological, morphological and syntactic characteristics of Pidgins and Creoles; 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 throughout.

(ENGL 899) M.A. RESEARCH PROJECT 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.

**STRUCTURE OF FULL-TIME STUDIES FOR M.A. ENGLISH (LITERATURE EMPHASIS)**

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<td>EGLT 802</td>
<td>Advanced Research Methods</td>
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<td>EGLT 811</td>
<td>Studies in African Fiction</td>
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<td>Literary History, Theory &amp; Criticism</td>
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<td>EGLT 817</td>
<td>Studies in African Drama</td>
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<td>EGLT 834</td>
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<td>Comparative Literature</td>
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<td>Studies in African Poetry</td>
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<td>EGLT 816</td>
<td>Advanced Studies in Oral Literature</td>
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ELECTIVES
Candidates are to choose any Literature elective per semester, total of two (2) electives per session.

**AREAS OF RESEARCH EMPHASIS IN M.A. ENGLISH (LITERATURE)**

- Literary Theory and Criticism
- Dramatic Literature
- Fiction
- Poetry
- Oral Literature
- Creative Writing
- Gender Studies
- African-American and Caribbean Literature
- Comparative Literature
- Cultural Studies
- Literature and the Media
- American Studies
- European Studies

**COURSE DESCRIPTION**

**(GEDS 801) RELIGION, FAITH AND MORALITY**

An in-depth opportunity for the graduate student 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.

**2 Credits**

**(GEDS 802) STATISTICS**

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, sapling 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

**3 Credits**

**(EGLT 871) ADVANCED RESEARCH METHODS**

This study presents, critically, diversities of research methods and approaches. It is intended to expose students to the challenges of research. Issues of emphasis in this course include editing, authenticity, plagiarism, interpretation, original research and documentation. The study will equip and prepare students for project, dissertation or thesis writing.

**3 Credits**

**(EGLT 802) STUDIES IN AFRICAN FICTION**

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 811) LITERARY HISTORY, THEORY AND CRITICISM  3 Credits
The development of literary theory and criticism informs every aspect of literary studies especially at post-graduate stage. This course will focus on aspects of biography, chronology, sources, influences and bibliography in relation to literature, and on specific theoretical approaches to the study of literature. The intersections of literature and other disciplines that account for the diversities of critical studies and theories are to be studied. There will be an underscoring of the modern and contemporary periods as the melting pot of theories. The interaction of literature with philosophy, psychology, sociology, ideology, and the way literary theories are enriched by inter-disciplinary thrust will be well grounded. Authors and texts will be studied from generic, periodical, regional and other dimensions and perspectives. Theories such as Formalism, Structuralism, and Reader-Response theory will be critiqued. More modern and contemporary criticism and theories that will be studied include Semiotics, Deconstruction, Post-Modernism, Gender theories, Inter-textuality, Psychoanalysis, Post-structuralism, among others. Authors that occupy the front-burners of literary aesthetics will include; T. S. Eliot, Sigmund Freud, Trevatan Todonv, Roland Barthes, Northrop Frye, Chinua Achebe, Wole Soyinka, Ama Ata Aidoo and others.

(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 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 (male or female) on literary works in all the major genres of literature. Emphasis will be placed on the construction or deconstruction of the female and masculine world-views, themes, use of language in the interpretation of selected texts.

(EGLT 816) 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. Issues and trends that will be highlighted include oral literary theories and oral narrative performance. The development of folklore with examples from authors like M. Parry will be underscored. The relationship between oral and written literature, and the function of oral literature in African societies and methodology will be central.

(EGLT 819) AFRICAN-AMERICAN AND CARIBBEAN LITERATURE  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 819) ADVANCED 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 and others. 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 899) M.A. 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 member of the academic staff of the Department.

**PhD ENGLISH (LANGUAGE AND LITERATURE OPTIONS)**

**ADMISSION REQUIREMENTS**

Candidates seeking admission into the PhD in English degree program are required to possess:

An M.A. Degree in English Language or English literature with not less than 60% or its equivalent from Babcock University or other duly and accredited institutions. Applicants with less than 4.00 CGPA or its equivalent may be considered for the (Master of Philosophy) in English.

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.

An M.Phil in English Language or English Literature with a pass mark of 60%. Such candidates will commence with the 2\textsuperscript{nd} year of the PhD programme.

**NOTE:**

Given the academic nature of this programme, no credit is given for professional expert.

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

**STRUCTURE OF FULL TIME STUDIES FOR PH.D. IN ENGLISH**

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**NB:** Students are to take all GEDS courses, all core courses in the first and second semesters; one elective course in the second semester of the 1st year, and two electives each in the first and second semesters of the 2nd year. Courses with the code EGLT are for PhD English with emphasis on
Literature, while ENGL is for Language emphasis. For graduation, students require minimum credit of sixty-two (62).

**COURSE DESCRIPTIONS**

**ENGL 983  METHODS AND TECHNIQUES OF CRITICAL DISCOURSE 3 Credits**

Since majority of PhD students would normally work on thesis that involve online analysis of literary texts, this course should focus on a higher level of the approaches treated under the course in literary theory and criticism in the M.A programme. Advanced discussions on topics such as Structuralist, Poetics, Semiology, Reader-Response Theory, Deconstruction, and others should be handled.

**ENGL 991  WORLD LITERATUR ES IN ENGLISH  3 Credits**

A number of literatures have developed in locations where the history of the English Language has imposed it on writers as a tool for creative writing. PhD students need to be kept abreast of the diasporic character of English and its fall outs on the world of literary creativity. For comprehensive coverage, major samples should be selected from European, American, Black-American, Caribbean, Indian, Russian, Australian, and African literature. Care should, however, be taken to avoid the repetition of works covered in the M.A programme, except where the need for re-emphasis arises.

**ENGL 908  LITERATURE AND IDEAS  3 Credits**

Beyond the preoccupation with themes in literary units, it is recognized that ideas make a primary input into creative literature. Beginning with the intellectual tradition of the West, which starts with the Classical Period, the main ideas that have shaped literature in every epoch should be highlighted with specific examples drawn from major writings in major epochs and regions. The contributions of thinkers in the Classical periods of Greece and Rome, the Medieval, Elizabethan, Neo-classical, Romantic, Victorian, and Modern periods should feature. Topics such as Absurdism, Existentialism, Psychoanalysis, Surrealism, Realism, etc, should be discussed.

**ENGL 982  MAIN CURRENTS IN AFRICAN LITERATURE  3 Credits**

This course recognizes similarities and differences arising from literatures from the various regions of Africa: West, East, Central, South Western, South and North Africa. All the predominant genres in each regions/sub-regions should be examined alongside the peculiarities arising from the colonial experiences that have showed alteration in Anglophone, Francophone, and Lusophone regions especially. The literature of Northern Africa should be considered especially for the Arab and Islamic influences that have shaped it. The main thematic and stylistic trends that have emerged should also be highlighted.

**ENGL/EGLT 905/906  DOCTORAL SEMINARS I/II  8 Credits**

In each of the two semesters in the first year of Doctoral work, a student should be assigned a seminar topic which should be well-researched and presented before the Departmental Board with other PhD students in attendance.

NB: This must not be confused with a proposal defence which is not a course with credit load. The final score for these would be based on the content of the seminar and the presentation itself.

**ENGL/EGLT 900  SEMIOTICS  3 Credits**

A study of the science of signs and sign system spanning the logical and functional aspects of onomastic, kinesics and their proxemics interacting with language, culture and society. The science of power of signs in social practice and the role of the news media especially the internet in reinventions and uses of signs.

**ENGL 901  STUDIES IN ENGLISH PHONETICS AND PHONOLOGY  3 Credits**
This course builds on ENGL 801 but concentrates on the theories of phonological analysis such as generative phonology, phonetic theory and prosodic theory and discourse intonation.

**ENGL 910 STUDIES IN THE GRAMMAR OF ENGLISH 3 Credits**
This course is a further development on ENGL 903 and ENGL 806. It 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 993 DOCTORAL SEMINAR III 0 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 994 DOCTORAL SEMINAR IV 0 Credits**
This as a final seminar is set up to enable the student who has completed the PhD thesis to present his/her research findings before a panel of experts, members of the department and the post graduate school. In this seminar, the student is expected to elucidate the key aspects of the thesis, 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.

**ENGL 914 STUDIES IN SEMANTICS 3 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 971 RESEARCH PROPOSAL WRITING IN ENGLISH LANGUAGE AND LITERATURE 3 Credits**
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 3 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.

ENG 922 STUDIES IN PRAGMATICS 3 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 988 ADVANCED TEXT LINGUISTICS 3 Credits
This is a study of theories and practical explication of Systemic Text Linguistics, texture and textuality, cohesion, coherence, text grammars, etc.

ENGL 912 STUDIES IN DISCOURSE ANALYSIS 3 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 989 SOCIOLINGUISTICS 3 Credits
The focus of this course is 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 ENGLISH LINGUISTICS 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.

EGLT 928: ORAL LITERATURE IN AFRICA 3 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 Finneyan, Oral Poetry in Africa, B.A. Babalola: Form and content pf Yoruba Ijala etc.

EGLT 929 PHILOSOPHY, RELIGION AND LITERATURE 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 Thiongo, Devil on the Cross, are expected to be treated dialectically.

**EGLT 962: MAIN CURRENTS IN GENDER DISCOURSE**  
3 Credits  
English 940 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 and masculinity will constitute the pivot of the course.

**EGLT 946  AFRICAN FEMALE WRITINGS**  
3 Credits  
This course provides a formal context for the study of African female writers in terms of their characteristic themes, styles and social-political relevance. Starting with the pioneer female writers, such as Ama Ata Aidoo, Flora Nwapa, Buchi Emecheta, and others, 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.

**ENGL 952 WORLD LITERARY CLASSICS**  
3 Credits  
English 952 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, Macbeth, Dickens: Oliver Twist, David Copperfield, Thackeray Varity Fair, Flaubert:Madame Bovary, Hugo the Hunch Back of Notre Dama 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 961 POPULAR LITERATURE AND THE MASS MEDIA**  
3 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.

**ENGL 999 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.

**POST-GRADUATE PROGRAMMES**

**POST-GRADUATE DIPLOMA (PGD) RELIGION AND PASTORAL MINISTRY**

**JUSTIFICATION**

The Department of Religious Studies recognizes 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 other secular applications without ending up as fulltime ministers. Finally, it is a prerequisite for the M.A. Program in Religion and Pastoral Ministry for those who do not have a Bachelor’s degree in Theology or Religious Studies.

DURATION
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 54 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, and Christian Ministry.

PROGRAM REQUIREMENT
A student must successfully complete a minimum of 54 semester credits with a Cumulative Grade Point Average (CGPA) of 2.00 to qualify for graduation. However, a minimum CGPA of 3.00 is required to qualify for M.A. program in Religion or Pastoral Ministry.

COURSES FOR POST-GRADUATE DIPLOMA (PGD) IN RELIGION AND PASTORAL MINISTRY

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COURSE DESCRIPTIONS FOR THE POST-GRADUATE DIPLOMA (PGD) IN RELIGION AND PASTORAL MINISTRY

BIBLICAL LANGUAGES

**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 verbalconstructs, identification and analysis of syntactical constructions and translations. **Prerequisite: BIBL 702: Beginning Greek.**

**BIBL 713: Introduction to Biblical Interpretation 2 Credits**
An exploration of the various methods of studying the Bible, followed by a very brief survey of several methods of interpreting the Bible. Elaborate emphasis on the Historical-Grammatical method of interpreting the Bible as demonstrated in the interpretation of selected passages from the OT and NT.

OLD TESTAMENT STUDIES

**OTST 711: The Pentateuch and Hebrew Wisdom Literature 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.

**NEW TESTAMENT STUDIES**

**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**
An examination of selected Epistles of Paul with emphasis on his contributions to Christian faith and theology. The Epistles to be studies shall be announced.

**NTST 733: Apocalyptic Studies: Revelation 2 Credits**
A Study of the construction and content of the book of Revelation on thematic and chapter-by-chapter bases. Emphasis is placed on historical events that trace the symbolic imagery of the book and its relevance for the present day bible-believing Christian.

**THEOLOGICAL STUDIES**

**THST 741, 742: Systematic Theology I, II 2, 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 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 753: Christian Ethics 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, capital punishment, euthanasia, abortion, marriage, divorce etc.

**RELIGIOUS STUDIES**

**RELS 751: Introduction to 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.
MISSION STUDIES

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.

CHURCH HISTORY

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 762: Survey of the History of Christianity in Nigeria 2 Credits
The course begins with the arrival of the Christian movement in Nigeria and devotes considerable attention to the arrival and development of the Seventh-day Adventist Church from 1914 to the present.

CHURCH MINISTRY, PASTORAL CARE AND LEADERSHIP

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 752: Personal Spirituality and Faith Formation 2 Credits
This course emphasizes the biblical perspective on the act and the life of faith. How does a person begin and nurture a spiritual and devotional life? The course also evaluates the role of spiritual nurture in various settings.

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.

BABCOCK BUSINESS SCHOOL
DEPARTMENT OF ACCOUNTING
M.Sc. Accounting
PROPOSED POSTGRADUATE PROGRAMMES IN ACCOUNTING
Master of Science (M.Sc) in Accountings
ADMISSION REQUIREMENTS
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.

Requirements:
To qualify for admission to the Master’s programme in Accounting, candidates must:
Possess a Bachelor’s degree with minimum of Second Class (Lower) Division in Accounting of Babcock University or any other approved University.
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.
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 Accounting or Commerce.
PROPOSED BABCOCK M.Sc ACCOUNTING PROGRAMME (800LEVEL)

<table>
<thead>
<tr>
<th>COURSE CODE</th>
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<td>Religion Faith and Morality</td>
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<td>GEDS 802</td>
<td>Statistics</td>
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<td>BMBA 801</td>
<td>Christian Business Ethics</td>
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<td>ACCT 801</td>
<td>Advanced Accounting Theory &amp; Practice</td>
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<tr>
<td>ACCT 812</td>
<td>Advanced Taxation</td>
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<td>ACCT 811</td>
<td>Advanced Management Accounting</td>
<td>3</td>
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<tr>
<td>ACCT 822</td>
<td>Advanced Audit and Assurance</td>
<td>3</td>
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<tr>
<td>ACCT 821</td>
<td>Public Sector Accounting &amp; Finance</td>
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<tr>
<td>ACCT 832</td>
<td>International Accounting</td>
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<tr>
<td>ACCT 831</td>
<td>Quantitative Method &amp; Computer Application</td>
<td>3</td>
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<tr>
<td>ACCT 841</td>
<td>Research Methodology</td>
<td>3</td>
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<tr>
<td>ACCT 852</td>
<td>Introduction to Econometrics</td>
<td>3</td>
<td></td>
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<tr>
<td>ACCT 803</td>
<td>Seminar in Accounting</td>
<td>2</td>
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<td>ACCT 862</td>
<td>Advanced Financial Accounting</td>
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<tr>
<td>ACCT 899</td>
<td>Research Thesis</td>
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<td>ACCT851</td>
<td>Forensic Accounting</td>
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<td>ACCT 842</td>
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<td>ACCT 872</td>
<td>Human Resources Accounting</td>
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<tr>
<td>ACCT871</td>
<td>Petroleum Accounting</td>
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</tbody>
</table>

**TOTAL** | **20** | **20** | **11**

**Note:** Students are to choose at least one elective course that corresponds with their intended area of specialization.

**DESCRIPTION OF COURSES:**

**GEDS 801: RELIGION, FAITH AND MORALITY**
2 Credits
Relationship between religious beliefs and morality. Selected ethical and moral issues from the perspective of social ethical theories and practices will be considered.

**GEDS 802: STATISTICS**
2 Credits
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

**BMBA 801 BUSINESS ETHICS**
2 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.

Moral and ethical values of business transactions, as guided by biblical principles (e.g. principles of equity, to whom much is given, much is expected). The course will examine the integration of the Seventh-day Adventist faith and teachings in business, especially the Second Advent, the sanctity of the Sabbath, and their relationship with business transactions, life styles and work settings. The course will also examine the contributions and roles of various factors that mold the individuals’ life value system, especially as they confront the complexities of a highly sophisticated business society.

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 811: ADVANCED MANAGEMENT ACCOUNTING 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 & FINANCE 3 Credits

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, the tenure of auditor in companies, 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**  
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 841: RESEARCH METHODOLOGY**  
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 842: STRATEGIC FINANCIAL MANAGEMENT**  
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 851  FORENSIC ACCOUNTING**  
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 852: INTRODUCTION TO ECONOMETRICS**  
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 803: SEMINAR IN ACCOUNTING**  
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 862: ADVANCED FINANCIAL ACCOUNTING**  
Theoretical background of group accounts, preparation of consolidated accounts, elimination of intra-group balances and profit on intra-group transaction, treatment of minority interest, and cost of control. Accounting problems of group companies including multinationals, associated companies, Accounting for Bankruptcies and liquidation, Accounting for petroleum operation.
ACCT 899:  RESEARCH PROJECT  
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.

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 871  PETROLEUM ACCOUNTING  
3 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 SAS17.
PhD PROGRAMME IN ACCOUNTING
ELIGIBILITY/ADMISSION REQUIREMENTS
Candidates eligible for admission into Ph.D, programme in Accounting of the Department of Accounting must satisfy the general requirements demanded by the School of Postgraduate Studies at Babcock University. However, candidates should have the following:
(i) M.Sc. (Accounting) degree of Babcock University or any other university recognized by Babcock University. Candidates must have obtained at least three points on a four points grading scale or four points on a five point Grading scale.
(ii) A research-based Master of Business Administration (MBA) degree with emphasis in Accounting/Finance and a first degree in Accounting.
(iv) Master of Philosophy (M.Phil) in Accounting with at least three points on a four points Grading scale or four points on a five point Grading scale, from this or any other approved University recognized by Babcock University.

LIST AND DESCRIPTION OF COURSES FOR Ph.D IN ACCOUNTING

<table>
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<tr>
<th>COURSE CODE</th>
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<tr>
<td>GEDS 901</td>
<td>PERSONAL AND FAMILY WHOLENESS</td>
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<td>GEDS 902</td>
<td>Statistics</td>
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<tr>
<td>GEDS 911</td>
<td>Research proposal and Writing</td>
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<tr>
<td>GEDS 912</td>
<td>Advanced Research Design</td>
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<td>ACCT 901</td>
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<tr>
<td>ACCT 902</td>
<td>Advanced Quantitative Analysis</td>
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<td>RELF 924</td>
<td>Religion and Financial Management</td>
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<td>ACCT 903</td>
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<td>ACCT 912</td>
<td>Advanced Management Accounting</td>
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<tr>
<td>ACCT 904</td>
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<td>ACCT 905</td>
<td>Seminar II</td>
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<td>ACCT 999</td>
<td>Research Thesis</td>
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<td>ELECTIVES(Core Areas of Specialization)</td>
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<tr>
<td>ACCT 911</td>
<td>Strategic Financial Management</td>
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<tr>
<td>ACCT 921</td>
<td>Oil and Gas Accounting</td>
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<tr>
<td>ACCT 922</td>
<td>Taxation and Fiscal Policy</td>
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<tr>
<td>ACCT 931</td>
<td>Environmental Accounting</td>
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<td>ACCT 932</td>
<td>Forensic Accounting</td>
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<td>ACCT 942</td>
<td>Human Resources Accounting</td>
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Students are to choose not more than TWO electives during the first semester and second semester of year two.

COURSE DESCRIPTION:
GEDS 901: PERSONAL AND FAMILY WHOLENESS 2 Credits
The course begins with a study of the theological, historical and ethical perspectives of the family and a Christian assessment of current theories about the family. It further explores personal spiritual development as the centre for individual and family life and professional practice. It emphasizes a balancing of healthy family relationships with professional obligations.

**GEDS 902: 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, sapling theory or regression, sapling 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 and E-View.

**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 proposal for research grants and fellowships.

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

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.

**ACCT 901: INTERNATIONAL ACCOUNTING**
3 Credits

This course is designed for students interested in accounting and financial control of international operations. Through a study of the underlying patterns in international accounting the students will be able to develop a framework for coping with the preparation, translation and analysis of financial statements of multinational corporations. The course should also examine series of accounting and control problems of foreign companies and the solutions that are undertaken in various countries, methods of transfer of dividends, cost of foreign products, funds for foreign directors. Any other topical issues.

**ACCT 902: ADVANCED QUANTITATIVE TECHNIQUES & COMPUTER APPLICATIONS**
3 Credits

A study of quantitative methods for solving management problems. Topics covered include data analysis, probability concepts and applications, break-even analysis, critical path method, PERT/B.Sc. sigma six, queuing theory, statistical quality control, forecasting, inventory control, linear programming, location analysis, transportation problems and other topics.

**ACCT 903: ACCOUNTING ETHICS**
3 Credits

This course is designed for students to understand basic ethical issues in accounting profession as related to Biblical principles. Topics to be covered include ethical theories,
different approaches to ethics and social responsibility, professions and the public interest, professional practice an codes of ethics, conflicts of interest and the consequences of unethical behaviour, ethical characteristics of professionalism, and social and environmental issues in the conduct of business and of ethical behaviour. All these are to be related to biblical principles of stewardship and accountability as expoused by Jesus Christ through His parables.

ACCT 904 & 905: SEMINAR I & SEMINAR II

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 911: STRATEGIC FINANCIAL MANAGEMENT

This Course prepares Students to advise management and/or clients on complex strategic financial management issues facing an organisation.

Areas to be covered include the role and responsibility of Organisations 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 912: ADVANCED MANAGEMENT ACCOUNTING

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 921: OIL AND GAS ACCOUNTING

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 922 TAXATION AND FISCAL POLICY

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.

ACCT 931: ENVIRONMENTAL ACCOUNTING 3 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 932 FORENSIC ACCOUNTING 3 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 942: 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 999: RESEARCH THESIS 12 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 Postgraduate school.

DEPARTMENT OF BUSINESS ADMINISTRATION AND MARKETING
POSTGRADUATE DIPLOMA IN MANAGEMENT (PGDM)
The philosophy of the 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 minimum of Third Class Division in Finance, Banking & Finance, Economics, Accounting, Business Administration, Marketing or any other acceptable degree from Babcock University, Ilisan or from any other recognized University. Also holders of other first degrees other than management science or HND in any discipline are eligible to apply provided the basic entry requirements are met.

**POST GRADUATE DIPLOMA IN MANAGEMENT (PGDM) COURSES**

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<td>GEDS 701</td>
<td>Religion &amp;Society</td>
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<tr>
<td>GEDS 702</td>
<td>Statistics</td>
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<tr>
<td>BSAD 703</td>
<td>Principles of Management</td>
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<tr>
<td>BSAD 711</td>
<td>Management Theory</td>
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<td>BSAD 713</td>
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<td>BSAD 731</td>
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<tr>
<td>BSAD 733</td>
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<td>MKTG701</td>
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<td>BSAD 753</td>
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<td>BSAD 702</td>
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<td>BSAD 704</td>
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<td>BSAD 734</td>
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<tr>
<td>BSAD 799</td>
<td>Project Work</td>
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**General Requirement Courses**
- 4 Credit Units

**Cognate Courses**
- 28 Credit Units

**Elective Course**
- NIL

**TOTAL**
- 32 Credit Units

**Course Duration**
- Full-time: minimum of two (2) semesters and maximum of four (4) semesters.
- Elongated: minimum of two (2) semesters and minimum of four (4) semesters.

**Probation**
Candidate scoring 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 (minimum)

**POSTGRADUATE DIPLOMA IN MANAGEMENT (PGDM) COURSES DESCRIPTIONS**
GEDS 701  RELIGION AND SOCIETY  2 Credits
The course considers reasons for belief in the reality and relevance of God in contemporary society. It also explores the impact of religion on the various aspects of human endeavor.

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

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.

BSAD 702  PRINCIPLES OF FINANCE  2 Credits
This course includes the nature and review of business finance, investment decisions, capital budgeting and investment appraisals management of working capital, share valuation, mergers and acquisitions, consolidation, amalgamation and takeovers, valuation of businesses, financial statement analysis, effects of taxation and other government policies on investment and financing decisions, and other topical issues.

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.

BSAD 703  PRINCIPLES OF MANAGEMENT  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.

BSAD 713, 734  PRINCIPLES OF ECONOMICS  I & II  2 Credits (Each)
An introduction to the various issues in economics, the nature of economic science, the methodology of economics, major areas in economics, elementary principles of micro and macro-economics, current issues of interest in economics and probable future developments

BSAD 733  BUSINESS MATHEMATICS  2 Credits
Topic to be treated includes: revision of basic algebra, set theory, permutations and combination, annuity, simple and compound interest, linear equations, partial and total
derivatives, analysis of marginal utility. All these topics will be with emphasis on their specific relevance to business/management content.

**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.

**BSAD 753  RESEARCH METHODOLOGY**  
2 Credits  
The objective of the course is to introduce the students to scientific enquiry through gathering and analysis of relevant data.

**BSAD 704  COMPUTERS IN ORGANISATION**  
2 Credits  
This course explains the why and how of computers, the use of computers in business and other organisations, data transmission, nature, speed and error detection. It also examines systems analysis and design, the programming process, problem definition, flow charting and decision table.

**BSAD 714  PRINCIPLES OF PUBLIC ADMINISTRATION**  
2 Credits  
This course focuses on the emergence of public administration, problems of organization, the bureaucratic phenomenon and social change. The basic of public policy formulation and implementation processes by bureaucracies, accountability and efficiency in public administration.

**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

**BSAD 799  PROJECT WORK**  
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.
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.

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 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. and in addition, have a minimum of one year work experience. Candidates without prior work experience will have to undergo three months internship in any reputable business organisation.
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

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<tr>
<th>COURSE CODE</th>
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### COURSES

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### CORE COURSES

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<td>ECON 801</td>
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<tr>
<td>BSAD 831</td>
<td>Quantitative Techniques &amp; Computer Application</td>
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<td>Organization Behavior</td>
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<td>BSAD 845</td>
<td>Postgraduate Business Law</td>
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<td>Introduction to General Mgt.</td>
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<td>Research Methods</td>
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<td>MKTG812</td>
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<td>BSAD 892</td>
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<td>BSAD 822</td>
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### ELECTIVES COURSES

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<td>BSAD817</td>
<td>Facilities Location Methods</td>
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<td>BSAD815</td>
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<td>BSAD823</td>
<td>Strategic Decisions in Production Management</td>
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<tr>
<td>BSAD853</td>
<td>Project management</td>
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### ELECTIVES

**Production/Operations Management**
- BSAD833 Production Management Problems and Techniques
- BSAD817 Facilities Location Methods
- BSAD815 Operations Management
- BSAD823 Strategic Decisions in Production Management
- BSAD853 Project management

**Marketing**
- MKTG832 Marketing Research
- MKTG811 Consumer Behaviour
- MKTG873 Advertising Management
- MKTG801 International Marketing
- MKTG831 Marketing Communication

**Entrepreneurship and Small Business Management**
- BSAD803 Entrepreneurship Development
- BSAD843 Small Business Management
- BSAD863 Purchasing and Supplies Management
- BSAD873 Feasibility Studies and Marketing Survey
- BSAD883 Small Scale Business Accounting

**Strategic Management**
- BSAD893 Environment of Business
- BSAD883 Corporate Finance
- BSAD871 Corporate Planning

**Total Credit Units (67)**

|       | 23 | 23 | 21 |
BSAD881  Business Policy  
BSAD861  Comparative and Change Management  

**Human Resources Management**  
BSAD839  Organisational Change & Development  
BSAD882  Labour Relations & Collective Bargaining  
BSAD835  Organisational Design  
BSAD891  Compensation: Theory and Administration  
BSAD851  Industrial Psychology  

**Graduation Requirements**  
General Requirement Courses  4 Credit Units  
Core Courses  46 Credit Units  
Elective Course  15 Credit Units  
Project  6 Credit Units  
**TOTAL**  67 Credit Units  

**Course Duration**  
Full-time: 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 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  

**MASTER OF BUSINESS ADMINISTRATION (MBA) COURSES DESCRIPTIONS**  

**GEDS 801: RELIGION, FAITH AND MORALITY**  
2 Credits  
Relationship between religious beliefs and morality. Selected ethical and moral issues from the perspective of social ethical theories and practices will be considered  

**GEDS 802: STATISTICS**  
2 Credits  
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, Kreskas-Wallis H Test, H test corrected for ties); Use of SPSS  

**BSAD 801 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.  

**BSAD 822 SEMINAR IN BUSINESS**  
3 Credits  
Each student shall be expected to present two seminar papers on approved topical issues of relevance to the Nigeria economy.  

**BSAD 831 QUANTITATIVE TECHNIQUES & COMPUTER APPLICATIONS**  
3 Credits
Mathematical and statistical topics needed to understand some of the compulsory and elective courses. Algebra with business application; classical statistics and statistical decision theory, Differential and Integral Calculus, Linear Programming and applications.

**BSAD 802 STRATEGIC MANAGEMENT 3 Credits**
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.

**ECON 801 MANAGERIAL ECONOMICS 3 Credits**

**ACCT 802 FINANCIAL MANAGEMENT 3 Credits**

**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.

**BSAD 841 ORGANISATION BEHAVIOUR 3 Credits**
The course deals with the intricacies of behavioral variables in organizations, and the managers that run them. It also delves into environmental factors that create or affect such behaviors, interactions of individuals and organizations, and personality, stress and motivation management in the organization. The course equally deals with pertinent issues of biblical principles that govern ethics and interactions in business organizations. Such principles will cover areas like the Christian principles and practice in leadership, management, and their interaction with the Christian faith.

**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.

**BSAD 892 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 development. The course will also identify the needs and methods for bringing about organizational change; understand the obstacles to change and possible approaches to overcome these. The course will further demonstrate an understanding of the purposes, main stages, techniques and information sources of human resource planning; identifying the main factors influencing human resource development, evaluate policies and practices adopted to achieve human resource plans and development.

**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 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.

**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 (Spring). 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.

**BSAD 861 COMPARATIVE AND CHANGE MANAGEMENT** 3 Credits
This is essentially a study of the different styles of management and their impact on organizational productivity. It also deals with the major methods available for managing the process of change in an organization. Emphasis is placed on case studies and group discussions by the students.

**BSAD 883 CORPORATE FINANCE** 3 Credits
The principles and procedures underlying financial statements; financial transactions; alternative accounting statements; tools or analysis of ratios and other quantitative measures; accounting information useful for managerial action; application of information in decision situations. Project appraisal analysis of investment projects, the impact of risk, task and inflation, the term “structure of interest rates, the cost of capital, and target rate of return; capital markets and it’s efficiency, the role of intermediaries, sources of finance, the borrowing decision and company valuation and optimal folio allocation; Capital structure, optimal capital structure of firms, mergers and acquisitions and the market for corporate control, market efficiency, the principle of capital structure, gearing and the basics of hedging and international finance.

**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.

BSAD 803 ENTERPRENEURSHIP DEVELOPMENT
3 Credits
Concept and objectives. Objective is to impact 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.

ACCT 826 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, conversion of partnership into limited company.

BSAD 893 ENVIRONEMNT OF BUSINESS
3 Credits
The basic objective of the course is to examine the legal the legal social, political and economic framework which business organizations must operate in the Nigerian environment. Because of the pervasive influence of globalization and reduction of distances between nations, their value systems, language, etc. international business environment will 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.

BMBA 899 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.

BSAD 843 SMALL 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.

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.

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.

**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.

**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.

**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 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

**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.

**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.

**BSAD 835  ORGANISATIONAL DESIGN**  3 Credits
This course takes an indepth study of organizational processes and structures. The course will deal with developing and understanding the theories or approaches to the design of organisations 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.

**BSAD 891  COMPENSATION: THEORY AND ADMINISTRATION**  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 organisations.

**BSAD 851  INDUSTRIAL PSYCHOLOGY**  3 Credits
The nature of work and organisations, individual and group behavior, personnel selection, personnel testing in organisations, performance appraisal, training in industrial organisations,
problems of personnel training, managerial psychology, leadership and supervision, motivation, morale and other socio-economic behavior of the workers

**BSAD 871 CORPORATE PLANNING** 3 Credits
The student will be exposed to background concepts like strategy, mission, goals and objectives, long-range planning, tactical and operational planning. Students will also be exposed to empirical works investigating the relationships between corporate planning and organizational effectiveness.

**BSAD863 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 though the supply chain will be studied.

**BSAD873 Feasibility Studies and Marketing Survey** 3 credits
The course will expose the students to the methods of analysing 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.

**BSAD883 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. students capability to present information meaningful for business management decision.
MASTERS OF SCIENCE (M.Sc.) 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 include the following:

1. To equip the students with essential and analytical skills needed for the solution of management problems.
2. To build on the foundation earlier laid at the undergraduate level of the Marketing program.
3. To 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. It will also 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 approved 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) and in addition, a minimum of 3 years work experience may be required.

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.

MASTER OF SCIENCE (M.Sc.) MARKETING COURSES

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<td>GEDS 802</td>
<td>Statistics</td>
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<td>MKTG 811</td>
<td>Consumer Behavior</td>
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<td>Business Ethics</td>
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<td>Marketing Communication</td>
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<td>BSAD 831</td>
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<td>MKTG 801</td>
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<td>ECON 812</td>
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<td>MKTG 832</td>
<td>Marketing Research</td>
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<tr>
<td>MKTG 852</td>
<td>Sales Management</td>
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<td>MKTG 812</td>
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<td>MKTG 822</td>
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<td>MKTG 899</td>
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**ELECTIVE COURSES**

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<td>Promotion Strategies</td>
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<td>ACCT 811</td>
<td>Management Accounting</td>
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<tr>
<td>ECON 801</td>
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<td>BSAD 843</td>
<td>Management Theory</td>
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<tr>
<td>MKTG 833</td>
<td>Marketing Models</td>
<td>3</td>
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</table>

**Total Credit Units (49)** 20 20 9

**NB:** Candidates are to choose ONE elective in the third semester in consultation with the Head of Department or the Course Coordinator.

**GRADUATION REQUIREMENTS**

General Requirement Courses – 4 Credit Units
Core Courses - 36 Credit Units
Project - 6 Credit Units
Elective Course - 3 Credit Units
**TOTAL** - 49 Credit Units

**Course Duration**

Full-time: 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 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

**MASTER OF SCIENCE (M.Sc.) MARKETING COURSES DESCRIPTIONS**

**GEDS 801 RELIGION, FAITH AND MORALITY** 2 Credits

An in-depth opportunity for the graduate student 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.

**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, sapling theory or regression, sapling 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
BSAD 801  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.

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.

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.

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.

MKTG 852  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 managers 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.

MKTG 841  PROMOTION 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.

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.

BSAD 831 QUANTITATIVE TECHNIQUES AND COMPUTER APPLICATION
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.

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.

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.

MKTG 833 MARKETING MODELS 3 Credits
The course describes theoretical and empirical models used to analyse marketing management issues in the areas of product introduction and positioning, pricing, advertising and distribution channels. The theoretical structure of the course derives from micro-economics of firm and consumer decision making, with special consideration of competitive issues analysed with game theory and some applications of control theory. The empirical requirements of the course include conjoint analysis, choice modeling and multivariate techniques.

ECON 812 MICRO-ECONOMIC THEORY 3 Credits
Applied Analysis of consumer behavior in a competitive market; behavior of firms under a competitive market; the pragmatic approach to demand analysis and linear expenditure systems; Demand for the product of a firm; Production theory; Theory of cost; Perfect competition and Monopoly; Monopolistic competition; Price discrimination and classical oligopoly.

ACCT 811 MANAGEMENT ACCOUNTING 3 Credits
Functions of management accounting in the decision making process. Cost-Volume-Profit Analysis, breakeven analysis, single product and multiple products breakeven points. Short-term decisions – make or buy, sell or process further, etc. Limiting factors and the use of linear programming in decision making. Simulating business systems using probability and queuing theory. Budgeting and Budgetary Controls, Variance Accounting, Profit Planning, Pricing Decisions; Transfer Pricing; Performance Measurement and Evaluation. Other Decision Support Systems. The accounting process and decision making roles and function of management accounting as an information system. Breakeven analysis and application to
management functions and decisions, budgeting and budgetary controls. Performance measurement and evaluation. Case studies in these topics.

**MKTG 822 SEMINARS IN MARKETING**
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 maintaining an outcome orientation.

**MKTG 831 MARKETING COMMUNICATION**
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.

**ECON 801 MANAGERIAL ECONOMICS**

**BSAD 843 MANAGEMENT THEORY**
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.

**MKTG 899 RESEARCH THESIS**
Independent study of a marketing topic approved by the department under the supervision of a lecturer in the department.
M.Sc. 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:
Effectively manage a marketing/business enterprise.
Effectively initiate, conduct and supervise a research program in the field of Management
Effectively teach a Business Administration course at the undergraduate level.
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 programme of the Department of Business Administration & Marketing should have:
A Bachelor’s Degree in Business Administration or other approved 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).
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.

MASTER OF SCIENCE (M.Sc.) BUSINESS ADMINISTRATION COURSES

<table>
<thead>
<tr>
<th>COURSE CODE</th>
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<th>1ST SEMESTER</th>
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<td>BSAD 841</td>
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<td>BSAD 861</td>
<td>Comparative &amp; Change Mgt.</td>
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<td>BSAD 899</td>
<td>Research Thesis</td>
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**ELECTIVE COURSES**

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<td>BSAD 881</td>
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<td>BSAD 872</td>
<td>International Business</td>
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<tr>
<td>BSAD 814</td>
<td>Entrepreneurship &amp; Small Business</td>
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<tr>
<td>BSAD 882</td>
<td>Labour Relations &amp; Collective Bargaining</td>
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<tr>
<td>BSAD 892</td>
<td>Human Resources Mgt.</td>
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| Total Credit Units (47) | 22 | 19 | 6 |

**NB:** (1) Students are to choose ONE elective in their first & second semester

**Graduation Requirements**
The general requirements for graduation include the following:
- General Requirement Courses: 4 Credit Units
- Cognate Courses: 33 Credit Units
- Thesis: 6 Credit Units
- Elective Courses: 4 Credit Units
- **TOTAL**: 47 Credit Units

**Course Duration**
Full-time: 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 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

**MASTER OF SCIENCE (M.Sc.) BUSINESS ADMINISTRATION COURSES DESCRIPTIONS**
GEDS 801  RELIGION, FAITH AND MORALITY  2 Credits
An in-depth opportunity for the graduate student 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.

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, sapling theory or regression, sapling theory of correlation); Test of Hypothesis (the null and the alternative hypothesis, F-test, 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, man-Whitney U test, Kreskas-Wallis H Test, H test corrected for ties); Use of SPSS

BSAD 801  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.

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.

ACCT 842  STRATEGIC FINANCIAL MANAGEMENT  3 Credits

ECON 801  MANAGERIAL ECONOMICS  3 Credits

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.

BSAD862 MANAGEMENT PROCESS 3 Credits

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.

BSAD 841 ORGANIZATIONAL BEHAVIOUR 3 Credits

BSAD 802 STRATEGIC MANAGEMENT 3 Credits
This course is a holistic approach to the changing corporate terrain of business. 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.

**BSAD 892  HUMAN RESOURCES MANAGEMENT**  
2 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 development. The course will also identify the needs and methods for bringing about organizational change; understand the obstacles to change and possible approaches to overcome these. The course will further demonstrate an understanding of the purposes, main stages, techniques and information sources of human resource planning; identifying the main factors influencing human resource development, evaluate policies and practices adopted to achieve human resource plans and development.

**BSAD 853  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.

**BSAD 861  COMPARATIVE AND CHANGE 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.

**BSAD 814  ENTREPRENEURSHIP AND SMALL BUSINESS**  
2 Credits

This course deals with a comparative analysis of the small and big corporation. It examines thoroughly the theory and conceptual framework of the establishment and management of a small business enterprise.

**BSAD 872  INTERNATIONAL BUSINESS**  
2 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.

**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 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.

**BSAD899: RESEARCH THESIS**  
6 Credits

Independent study of a management topic approved by the department under the supervision of a lecturer in the department
MASTER OF PHILOSOPHY (M.Phil.) 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 as follows:
To 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.
To create a milieu that attracts students and faculty of high quality.
To dispense quality preparation for students to assume career in the professions, in industry, in public service, in business, in the art, and so on.
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.

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 approved degree) 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.
MBA or Master degree in related discipline obtained from Babcock University, Ilishan-Remo or from any other recognized University within and outside Nigeria with a minimum average score of 55% or minimum CGPA of 3.50.

MASTER OF PHILOSOPHY (M.Phil.) MARKETING COURSES

<table>
<thead>
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<th>2ND SEMESTER</th>
<th>3RD SEMESTER</th>
<th>4TH SEMESTER</th>
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<td>GEDS 901</td>
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<tr>
<td>MKTG 922</td>
<td>Advanced Consumer Behavior</td>
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<td>Issues in Marketing Communications</td>
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<tr>
<td>BSAD 999</td>
<td>Research Thesis (3RD &amp; 4TH Semesters)</td>
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<tr>
<td>BSAD 903</td>
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<td>BSAD 904</td>
<td>Seminar II</td>
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89
Graduation Requirements
The general requirements for graduation include the following:

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<thead>
<tr>
<th>Requirement Courses</th>
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<tr>
<td>General Requirement</td>
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<tr>
<td>Core Courses</td>
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<td>Thesis</td>
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<td><strong>TOTAL</strong></td>
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</table>

Course Duration
Full-time: minimum of four (4) semesters and maximum of six (6) semesters.
Elongated: minimum of four (4) semesters and maximum of six (6) semesters.

Probation
Candidate scoring 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.

MASTER OF PHILOSOPHY (M.Phil.) MARKETING COURSES DESCRIPTIONS

GEDS 901: PERSONAL AND FAMILY WHOLENESS 2 Credits
The course begins with a study of the theological, historical and ethical perspectives of the family and a Christian assessment of current theories about the family. It further explores personal spiritual development as the center of individual and family life and professional practice. It emphasizes a balancing of healthy family relationships with professional obligations.

GEDS 902: 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, sapling theory or regression, sapling 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, Kreskas-Wallis H Test, H test corrected for ties); Use of SPSS

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 proposal for research grants and fellowships.

GEDS 912: Advanced Research Design 2 credits
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.

MKTG 901 DEVELOPMENT OF MARKETING THOUGHT & THEORY 3 Credits
The course aims to expose students to the relevant stages in the evolution of marketing thought, including contributions from cognate disciplines such as economics, philosophy of science, psychology, sociology, statistics and anthropology, among others. Students are expected to develop seminar-based papers that incorporate the contributions from these cognate disciplines to the development of marketing thought.

**RELF 927  Religion and Financial Management** 3 Credits

This team-taught course was designed to expose the doctoral students to financial management from biblical perspectives. The course endeavours to present biblical principles and illustrative cases, as well as construct an underlying biblical worldview for financial management.

**MKTG 903  SEMINAR IN MARKETING I** 3 Credits

This is an independent study of a marketing topic chosen by the student under the supervision of a lecturer in the department.

**MKTG 904  SEMINAR IN MARKETING II** 3 Credits

This is also an independent study of a marketing topic chosen by the student under the supervision of a lecturer in the department. In this study, the students are expected to present and discuss their working papers at least three times before the end of the semester. By this, the work will be criticized and evaluated by the lecturer and the other students before the final presentation is made.

**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 G-local 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.

**MKTG 922  ADVANCED CONSUMER BEHAVIOR** 3 Credits

Why people buy; their purchasing behavior; the influence of biological needs, attitudes and values, theories of motivation, factors that influence behaviors and other patterns of behavior. The focus is on the assessment of global concepts that explains the behavioral patterns of consumers, their attitudes and values.

**MKTG 952  ISSUES IN MARKETING COMMUNICATIONS** 2 Credits

This course is designed to explore a range of contemporary 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.

**MKTG 999  RESEARCH THESIS** 8 Credits

Independent study of a marketing topic approved by the department under the supervision of a lecturer in the department

**MASTER OF PHILOSOPHY (M.Phil.) 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 as follows:

To 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.

To create a milieu that attracts students and faculty of high quality.

To dispense quality preparation for students to assume career in the professions, in industry, in public service, in business, in the art, and so on.

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.

**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), 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
- MBA, or other approved 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
- 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.
# MASTER OF PHILOSOPHY (M.Phil.) BUSINESS ADMINISTRATION COURSES

<table>
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<th>COURSE CODE</th>
<th>COURSE TITLE</th>
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<th>2&lt;sup&gt;ND&lt;/sup&gt; SEMESTER</th>
<th>3&lt;sup&gt;RD&lt;/sup&gt; SEMESTER</th>
<th>4&lt;sup&gt;TH&lt;/sup&gt; SEMESTER</th>
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<tr>
<td>GEDS 901</td>
<td>Personal and Family Wholeness</td>
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<td>GEDS 902</td>
<td>Advanced Statistics</td>
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<tr>
<td>GEDS 912</td>
<td>Advanced Research Design</td>
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<tr>
<td>GEDS 911</td>
<td>Research Proposal Writing</td>
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<td><strong>COGNATE COURSES</strong></td>
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<tr>
<td>BSAD 921</td>
<td>Management Thought &amp; Philosophy</td>
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<td></td>
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<tr>
<td>BSAD 931</td>
<td>Advanced Comparative Management</td>
<td></td>
<td>3</td>
<td></td>
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<tr>
<td>BSAD 912</td>
<td>Leadership, Organizational Behaviour and Development</td>
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<tr>
<td>BSAD 922</td>
<td>Advanced Strategic Mgt. &amp; Entrepreneurship</td>
<td></td>
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<td>3</td>
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<tr>
<td>BSAD 999</td>
<td>Research Thesis (3&lt;sup&gt;RD&lt;/sup&gt; &amp; 4&lt;sup&gt;TH&lt;/sup&gt; Semesters)</td>
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<td>BSAD 907</td>
<td>M.Phil. Seminar I</td>
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<td>BSAD 910</td>
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<td><strong>TOTAL 34</strong></td>
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</table>

**Graduation Requirements**
The general requirements for graduation include the following:
- General Requirement Courses: 8 Credit Units
- Cognate Courses: 18 Credit Units
- Thesis: 8 Credit Units
- **TOTAL**: 34 Credit Units

**Course Duration**
Full-time: minimum of four (4) semesters and maximum of six (6) semesters.
Elongated: minimum of four (4) semesters and maximum of six (6) semesters.

**Probation**
Candidate scoring 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

**MASTER OF PHILOSOPHY (M.Phil.) BUSINESS ADMINISTRATION**

**COURSES DESCRIPTIONS:**

**GEDS 901: PERSONAL AND FAMILY WHOLENESS** 2 Credits
The course begins with a study of the theological, historical and ethical perspectives of the family and a Christian assessment of current theories about the family. It further explores
personal spiritual development as the center for individual and family life and professional practice. It emphasizes a balancing of healthy family relationships with professional obligations.

GEDS 902: 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, sapling theory of regression, sapling theory of correlation); Test of Hypothesis (the null and the alternative hypothesis, F-test, 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, Kruskas-Wallis H Test, H test corrected for ties); Use of SPSS

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 proposal for research grants and fellowships.

GEDS 912 Advanced Research Design 2 credits
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.

BSAD 922 ADVANCED STRATEGIC MGT & 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.

BSAD 921 MANAGEMENT THOUGHT & PHILOSOPHY 3 Credits

BSAD 932 LEADERSHIP, ORGANIZATIONAL BEHAVIOR AND DEVELOPMENT 3 Credits
This course provides the students with a systemic view of human behavior in organizations. The intra, inter, and supra-inter group interactions and the impact on organizational effectiveness. It concomitantly aligns and reconciles persons’ behavior 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.

**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.

**BSAD 907 MPhil Seminar I 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.

**BSAD 910 MPhil Seminar II 3 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.

**BSAD 999 RESEARCH THESIS 8 Credits**

**DOCTOR OF PHILOSOPHY (PhD) IN MARKETING**

---

**A. Objectives of the Programme**

The main objective of the PhD in Business Administration as a research degree is to enable students to 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:

- Analyze organizational problems by using appropriate research methods and models, interpret properly the results of the analyses, and propose effective business decisions.
- Deliver quality instructions in business administration at all the levels of learning, and create conditions for lifelong learning and improvement in the field of management, marketing, operations research, organizational behavior, and quantitative disciplines.
- Exhibit a high personal and professional ethical standard that would reveal the character of God, in the use of business and marketing strategies in business administration.
- Initiate scientific cooperation with other academic institutions as well as joint projects with private and public entities for development and application of business strategies.
- 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.
- 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 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 the country, wherein they would have obtained an average of at least 60% (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 55-59.9% in the MSc in Marketing may be admitted under conditional status to the PhD programme, provided that they successfully complete a minimum of required additional credits in Master's-level coursework in Marketing at Babcock University at the 60% level prior to commencing any coursework in the PhD programme.

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 with 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 related area, with a minimum proficiency level of 60%, the student will commence with the first year of the PhD programme of studies.

**Note:** No amount of professional experience may be counted to waive a deficiency in the programme requirement. Furthermore, no credits from outside BU may be counted toward the PhD degree.

**DOCTOR OF PHILOSOPHY (PhD) MARKETING COURSES**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td>GEDS 901</td>
<td>Personal and Family Wholeness</td>
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<td>GEDS 902</td>
<td>Advanced Statistics</td>
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<td>GEDS 912</td>
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<td>GEDS 911</td>
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<tr>
<td>MKTG 901</td>
<td>Development of Marketing Thought &amp; Theory</td>
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<tr>
<td>MKTG 922</td>
<td>Advanced Consumer Behaviour</td>
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<td>MKTG 952</td>
<td>Issues in Marketing Communications</td>
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<tr>
<td>MKTG 921</td>
<td>Advanced Strategic Marketing Management</td>
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<tr>
<td>RELF 927</td>
<td>Religion and Financial Management</td>
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<tr>
<td>MKTG 998</td>
<td>Doctoral Thesis Proposal</td>
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MKTG 999  Doctoral Thesis Defense ......................................................... 8

Total for Core Courses: 32 credits

**SPECIALIZATION COURSES**

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<th>Credits</th>
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<tr>
<td>MKTG 905</td>
<td>Doctoral Seminar 2</td>
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<tr>
<td>MKTG 906</td>
<td>Doctoral Seminar 3</td>
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<tr>
<td>MKTG 908</td>
<td>Doctoral Seminar 4</td>
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<tr>
<td>Electives</td>
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</table>

Total for Specialization Courses: 16 credits

**TOTAL 57**

10 10 12 9 8 8

**NB:** Candidates in consultation with the Departmental Head or PG Coordinator are to pick one elective course each in their first and second third and fourth semesters.

**List of Specialization Courses Available**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MKTG 931</td>
<td>Strategies in Multinational Marketing</td>
<td>3 credits</td>
</tr>
<tr>
<td>MKTG 932</td>
<td>Advanced Marketing Research</td>
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</tr>
<tr>
<td>MKTG 941</td>
<td>Current Trends in Petroleum Marketing</td>
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</tr>
<tr>
<td>MKTG 911</td>
<td>Advanced International Marketing</td>
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<tr>
<td>MKTG 942</td>
<td>Contemporary Issues in Marketing</td>
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</tr>
<tr>
<td>BSAD 902</td>
<td>Advanced Quantitative techniques</td>
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**Graduation Requirements**

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<th>Requirement</th>
<th>Credits</th>
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<td>Foundational Courses</td>
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<tr>
<td>Core Courses</td>
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<td>Thesis</td>
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<td>Specialization Courses</td>
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</table>

**TOTAL** 57 Credit Units

**Course Duration**

Full-time: 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.

**DOCTOR OF PHILOSOPHY (PhD) MARKETING COURSES DESCRIPTIONS**

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

The course begins with a study of the theological, historical and ethical perspectives of the family and a Christian assessment of current theories about the family. It further explores personal spiritual development as the center for individual and family life and professional practice. It emphasizes a balancing of healthy family relationships with professional obligations.

**GEDS 902: 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, sapling theory or regression, sapling theory of correlation); Test of Hypothesis (the null and the alternative hypothesis, F-
test, 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

**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 proposal for research grants and fellowships.

**GEDS 912 Advanced Research Design** 2 credits
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.

**REL 927 Religion and Financial Management** 3 Credits
This team-taught course was designed to expose the doctoral students to financial management from biblical perspectives. The course endeavours to present biblical principles and illustrative cases, as well as construct an underlying biblical worldview for financial management.

**BSAD 903 Doctoral Seminar I – Idea Generation** 3 Credits
This prepare 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.

**BSAD 905 Doctoral Seminar II – Literature Review** 3 Credits
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

**BSAD 906 Doctoral Seminar III – Methodology and Design** 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 specialisation

**BSAD 908 Doctoral Seminar IV – Proposal Writing** 3 Credits
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 specialisation listed above.

**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 G-local 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.

**MKTG 922 ADVANCED CONSUMER BEHAVIOR**  3 Credits
Why people buy; their purchasing behavior; the influence of biological needs, attitudes and values, theories of motivation, factors that influence behaviors and other patterns of behavior. The focus is on the assessment of global concepts that explains the behavioral patterns of consumers, their attitudes and values.

**MKTG 901 DEVELOPMENT OF MARKETING THOUGHT & 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.

**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.

**MKTG 932 ADVANCED MARKETING RESEARCH**  3 Credits
This course includes problem definition, research design, data types and sources, sampling plan, data collection, data analysis, and reporting of findings. The focus is on the research process in all its ramifications.

**MKTG 941 CURRENT TRENDS IN PETROLEUM MARKETING**  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.
MKTG 952  ISSUES IN MARKETING COMMUNICATIONS 3 Credits
This course is designed to explore a range of contemporary 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.

MKTG 998  Doctoral Thesis Proposal 8 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.

MKTG 999  Doctoral Thesis Defense 8 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 dissertation. A section of the thesis is expected to address the ethical/moral issues emanating from the study from a biblical perspective.

BSAD 902  Advanced Quantitative Techniques 3 credits
The course involves the study of quantitative methods for solving management problems. Topics to be covered include data analysis, probability concepts and applications, building of models and other topics.

MKTG 942  Contemporary Issues in Marketing
The course will expose the students to the relationship between observed marketing practices and extant marketing theories. Suggestively, the various marketing activities are benchmarked with the existing marketing principles.
DOCTOR OF PHILOSOPHY (PhD) BUSINESS ADMINISTRATION

A. Objectives of the Programme

The main objective of the PhD in Business Administration as a research degree is to enable students to 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:
- Analyze organizational problems by using appropriate research methods and models, interpret properly the results of the analyses, and propose effective business decisions.
- Deliver quality instructions in business administration at all the levels of learning, and create conditions for lifelong learning and improvement in the field of management, marketing, operations research, organizational behavior, and quantitative disciplines.
- Exhibit a high personal and professional ethical standard that would reveal the character of God, in the use of business and marketing strategies in business administration.
- Initiate scientific cooperation with other academic institutions as well as joint projects with private and public entities for development and application of business strategies.
- 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.
- 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 his/herself in research-based Business Administration activities needed to encourage entrepreneurship.

Admission Requirements to the Programme

Individuals eligible for admission into PhD programme in Business Administration must satisfy the general requirements demanded by the 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 the country, wherein they would have obtained an average of at least 60% (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 55-59.9% in the MSc in Business Administration may be admitted under conditional status to the PhD programme, provided that they successfully complete a minimum of prescribed additional credits in the Master’s-level coursework in Business Administration at Babcock University at the 60% level prior to commencing any coursework in the PhD programme.

Candidates who score between 3.00 and 3.49 on a 5-point scale or 50-54.9% in the M.Sc. Business Administration 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 programme, as well as complete at least one elective course each semester. The MPhil must be completed with a minimum of 60% for the candidate to be eligible for regular admission into the PhD in Business Administration.
programme. After the successful completion of all requirements for the MPhil, the candidate may directly proceed to the second year of the PhD programme.

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 with 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 area, with a minimum proficiency level of 60%, the student will commence with the first year of the PhD programme of studies.

If candidate with an M.Phil. in Business Administration does not have an MSc in Business Administration but another degree such as MBA that meets the required level of proficiency, then the transcripts shall be reviewed to ascertain the outstanding deficient courses in MSc programmes before such candidates can be considered for the doctoral programme.

Note: No amount of professional experience may be counted to waive a deficiency in the programme requirement. Furthermore, no credits from outside BU may be counted toward the PhD degree.

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 in the following table:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
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<tr>
<td>GEDS 901</td>
<td>Personal and Family Wholeness</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>GEDS 902</td>
<td>Advanced Statistics</td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>GEDS 912</td>
<td>Advanced Research Design</td>
<td></td>
<td>2</td>
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<tr>
<td>GEDS 911</td>
<td>Research Proposal Writing</td>
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<td></td>
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<tr>
<td>BSAD 921</td>
<td>Management Thought &amp; Philosophy</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BSAD 931</td>
<td>Advanced Comparative Management</td>
<td></td>
<td>3</td>
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<tr>
<td>BSAD 912</td>
<td>Leadership, Organizational Behaviour and Development</td>
<td></td>
<td>3</td>
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</tr>
<tr>
<td>BSAD 922</td>
<td>Advanced Strategic Mgt. &amp; Entrepreneurship</td>
<td></td>
<td>3</td>
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<td>RELF 927</td>
<td>Religion and Financial Management</td>
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<td>BSAD 998</td>
<td>Doctoral Thesis Proposal</td>
<td></td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>BSAD 999</td>
<td>Doctoral Thesis Defense</td>
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SPECIALIZATION COURSES

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<tr>
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<th>Credits</th>
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<tr>
<td>BSAD 903</td>
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<tr>
<td>BSAD 905</td>
<td>Doctoral Seminar 2</td>
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<td>BSAD 906</td>
<td>Doctoral Seminar 3</td>
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<td>BSAD 908</td>
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NB: Candidates in consultation with the Departmental Head or PG Coordinator are to pick one elective course each in their third and fourth semesters.

List of Specialization Courses (Business Administration options)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BSAD 941</td>
<td>Advanced Human Resources Management</td>
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</tr>
<tr>
<td>BSAD 932</td>
<td>Contemporary Issues in Human Resources Management</td>
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</tr>
<tr>
<td>BSAD 942</td>
<td>Current Trends in International Business</td>
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<td>BSAD 951</td>
<td>Advanced Conflict Management</td>
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<td>BSAD 932</td>
<td>Advanced Marketing Research</td>
<td>3 credits</td>
</tr>
<tr>
<td>BSAD 901</td>
<td>Government Business and Society</td>
<td>3 credits</td>
</tr>
<tr>
<td>BSAD 952</td>
<td>Management of Change</td>
<td>3 credits</td>
</tr>
<tr>
<td>BSAD 962</td>
<td>Multinational Enterprises</td>
<td>3 credits</td>
</tr>
<tr>
<td>BSAD 902</td>
<td>Advanced Quantitative Techniques</td>
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List of Elective Courses for Management Accounting option

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ACCT 911</td>
<td>Strategic Financial Management II</td>
<td>3 credits</td>
</tr>
<tr>
<td>ACCT 912</td>
<td>Adv. Management Accounting</td>
<td>3 credits</td>
</tr>
<tr>
<td>ACCT 926</td>
<td>Adv. Financial Accounting</td>
<td>3 credits</td>
</tr>
<tr>
<td>ACCT 932</td>
<td>Forensic Accounting</td>
<td>3 credits</td>
</tr>
<tr>
<td>ACCT 942</td>
<td>Human Resources Accounting II</td>
<td>3 credits</td>
</tr>
<tr>
<td>ACCT 931</td>
<td>Environmental Accounting</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

NB: Candidates in consultation with the Departmental Head or PG Coordinator are to pick two elective courses each in their third and fourth semesters. These are: ACCT 911, 912, 926 and any one of ACCT 932, 942, & 931.

Graduation Requirements

<table>
<thead>
<tr>
<th>Course Type</th>
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<tr>
<td>Foundational Courses</td>
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<td>Core Courses</td>
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<td>Thesis</td>
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<td>Specialization Courses</td>
<td>6</td>
</tr>
<tr>
<td>TOTAL</td>
<td>57</td>
</tr>
</tbody>
</table>

57 Credit Units (Business Administration Options)

63 Credit Units (Management Accounting Option)

Course Duration

Full-time: 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.

DOCTOR OF PHILOSOPHY (PhD) BUSINESS ADMINISTRATION COURSES

GEDS 901 Personal and Family Wholeness 2 credits

The course with a study of theological, historical and ethical perspectives of a family and a Christian assessment of current theories about the family. It further explores personal
spiritual development as the centres for individual and family life and professional practice. It emphasizes a balancing of healthy family relationships with professional obligation.

GEDS 911 RESEARCH PROPOSAL AND WRITING 2 credits
This 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 proposal for research grants and fellowships

GEDS 902 Statistics 2 credits
The course will deal with the following: curve fitting, regression and correlation, (method of fitting regression curve on line, best-eye fit, least square method, multiple regression, learner correlation, interpretation of regression, line of curve, sapling theory of regression, sapling theory of correlation); test of 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 912 Advanced Research Design 2 credits
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.

BSAD 901 Government, Business & Society 3 Credits
The course seeks to connect Government, Business, and the Society on basic economic concepts and their applications in evaluating the activities of the actors’ functions. The course covers practical issues on government intervention in the economy, market imperfection, social responsibility, consumerism, and the question of globalization. Emphasis is placed on the mystery of capitalism, the other path, the clash of civilization, poverty and social exclusion, and the doctrine of capital accumulation. The course will highlight biblical perspectives of ethical principles to be followed in doing business.

BSAD 903 Doctoral Seminar I - Idea Generation 3 Credits
This prepare 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.

BSAD 905 Doctoral Seminar II – Literature Review 3 Credits
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

BSAD 906 Doctoral Seminar III – Methodology and Design 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

**BSAD 908  Doctoral Seminar IV – Proposal Writing  3 Credits**
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 specialisation listed above.

**ACCT 911  Strategic Financial Management II  3 Credits**
The course focuses on the investment and financing activities of a corporation. Application
and interpretation of accounting precepts in managerial decisions-making. The administration
of budgets and the techniques for budgetary control. Areas covered include the concepts and
application of risk management, financial analysis and projection, investment analysis, and
international aspects of financial management. The course will cover biblical principles of
financial prudence, ethical and moral issues involved will also be discussed.

**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, Ford, 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.

**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.

**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.

**BSAD 932  Leadership, Organizational Behavior and Development  3 Credits**
This course provides the students with a systemic view of human behavior in organizations.
The intra, inter, and supra-inter group interactions and the impact on organizational
effectiveness. It concomitantly aligns and reconciles persons’ behavior 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.

**BSAD 941 Advanced Human Resources Management**

This course is designed to assist management and leaders internalize the notion of investment in human capital, knowledge acquisition, and developing skills needed for tomorrow workplace. Emphasis is placed on human capital formation, capacity development, morale, soft skills, conflict management, industrial relations, strike, interpersonal relationships, reward system, performance management, and other fundamental functions of human resources management. The Biblical concept of equity shall be covered in this course.

**BSAD 942 Current Trends in International Business**

This course is designed to assist students to trace the evolution of multinational corporations for the past two hundred years until the present day. The course examines the current trends and distinctive issues, current relevant principles, concepts, and problems involved in international trade (export/import). The goal of the course is to help the student to understand the basic principles of international trade and their impact on the world's economy and to learn the operational mechanism of trade. Special emphasis will be on practical aspects of export management, and the use of export marketing strategies to achieve a sustainable competitive advantage in each international market, as well as globally. The course objective is to expose the student to the basic elements of international trade in the challenging global economy of the 21st century. Biblical concepts of fair trade practices shall be covered.

**BSAD 962 Multinational Enterprises**

This course covers the emergence and contributions of multinational enterprises, as well as their contributions to the developing economies. The structure of the operations and mode of expansion will also be studied. The study will adopt a case study approach where students will be required to present a report on selected multinational organisations.

**BSAD 998 Doctoral Thesis Proposal**

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.

**BSAD 999 Doctoral Thesis Defense**

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 dissertation. A section of the thesis is expected to address the ethical/moral issues emanating from the study from a biblical perspective.

**ACCT 911: STRATEGIC FINANCIAL MANAGEMENT**

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 912: ADVANCED MANAGEMENT ACCOUNTING**

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 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 932  FORENSIC ACCOUNTING** 3 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 942: 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 931: ENVIRONMENTAL ACCOUNTING** 3 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 926: ADVANCED FINANCIAL ACCOUNTING** 3 Credits

Theoretical framework and mergers and acquisition, integration of multicurrency accounts, international protocols on accounting treatments, final accounts of financial institutions, IFRS as it relates to SMEs and public interest entities (PIE), Convergence and Conversion from national GAAP to IFRS and IPSAS.

**ACCT 932 FORENSIC ACCOUNTING** 3 Credits

The course covers three core areas (i) Fraud Examination, (ii) Litigation support, (iii) Expert witnessing. Key topics to be covered include: Introduction to forensic accounting, meaning and history, steps to investigation, differences and similarities between auditing and forensic accounting, financial and risk analysis, type of engagements that requires forensic accounting, nature of financial crimes, forensic analysis and investigation reporting (writing forensic reports).

**ACCT 931 ENVIRONMENTAL ACCOUNTING** 3 Credits

The course is designed to acquaint the student with the cost impact of the organization’s operations on its environment. The corporate social responsibility and its impact on corporate performance and growth. Case studies and other topical issues shall be explored.

**RELF 927 RELIGION AND FINANCIAL MANAGEMENT** 3 Credits
This team-taught course was designed to expose the doctoral student to financial management from Biblical perspectives. The course endeavors to present biblical principles and illustrative cases, as well as construct an underlying biblical worldview for financial management.

**BSAD 902  Advanced Quantitative Techniques  3 credits**
The course involves the study of quantitative methods for solving management problems. Topics to be covered include data analysis, probability concepts and applications, building of models and other topics.

**BSAD 952  Management of Change  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 organisation’s task environment and making sure that change initiatives are in harmony with the environment.

**FACULTY RECORDS**

<table>
<thead>
<tr>
<th>NAME</th>
<th>AREA OF SPECIALIZATION</th>
<th>DISCIPLINE</th>
<th>QUALIFICATION</th>
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<tr>
<td>ADEBOLA S. A.</td>
<td>Quantitative Analysis</td>
<td>Management</td>
<td>PhD</td>
<td>Professor</td>
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<td>AFOLABI G. K.</td>
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<tr>
<td>ASIKHIA O.U</td>
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<td>ADEFULU, A. D.</td>
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<td>Management</td>
<td>PhD</td>
<td>Lect. I</td>
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**ADJUNCT STAFF**

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<thead>
<tr>
<th>NAME</th>
<th>AREA OF SPECIALIZATION</th>
<th>DISCIPLINE</th>
<th>QUALIFICATION</th>
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<tr>
<td>ENYI E.P.</td>
<td>Forensic Accounting/Information</td>
<td>Accounting</td>
<td>PhD</td>
<td>Professor</td>
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<tr>
<td>ENAHORO J.O.</td>
<td>Environmental Accounting</td>
<td>Accounting</td>
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<tr>
<td>ADESEJAYO J.O.</td>
<td>Marketing</td>
<td>Management</td>
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<td>Ass. Prof</td>
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<tr>
<td>ADESEJAYO E.</td>
<td>Entrepreneurship</td>
<td>Management</td>
<td>PhD</td>
<td>Professor</td>
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<tr>
<td>SALAMI,</td>
<td>Production &amp; Operations Management</td>
<td>Management</td>
<td>PhD</td>
<td>Snr. Lect</td>
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<tr>
<td>ADELEKE A.A.</td>
<td>General Management Marketing</td>
<td>Management</td>
<td>PhD</td>
<td>Ass. Prof</td>
</tr>
<tr>
<td>AKINTOYE, I. R</td>
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**DEPARTMENT OF ECONOMICS, BANKING AND FINANCE**
POSTGRADUATE DIPLOMA IN FINANCE (PGD Finance)

The philosophy of PGD programme in Finance is to provide an opportunity for graduates who are interested in taking higher degrees in Finance. The PGD Students will have the opportunity to develop their intellect through theory, practice and the integration of faith and learning in Finance. Thus, the intention is to produce for the Nigerian Economy man-power that is evidenced by enquiry, independence and integrity. Such men and women will contribute in modeling and reforming the Nigerian Financial System.

Objectives of the Programme
1. To train professional Financial Experts
2. To explain financial theories and models through empiricism and application
3. To integrate faith into the learning and practice of financial matters and practices.
4. To develop manpower for Financial policy formulation and implementation
5. To produce graduates who will approach the research process from a Christian perspective.
6. To train man-power for the SDA church work in Nigeria and West and Central African division (WAD)

Admission Requirements
Candidates must have a minimum of Third Class Division in Finance/Banking & Finance, Economics, Accounting, Business Administration, Marketing or any other degree from Babcock University, Ilisan or from any other recognized University. Also holders of professional diplomas such as ACA, etc. and Higher National Diploma (HND) are eligible to apply.

Graduation Requirements
Candidates must pass a minimum of 22 units of course work and a defended research thesis of 4 units in a minimum of 2 semesters. The minimum of 26 credits is required for the completion of the programme.

Course Duration
Full-time: minimum of two (2) semesters
Minimum C-GPA for graduation: 3.00

<table>
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<tr>
<th>POST GRADUATE DIPLOMA</th>
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<tbody>
<tr>
<td>COURSE CODE</td>
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<tr>
<td>GEDS 701</td>
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<td>GEDS 702</td>
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<td>GEDS 711</td>
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<td><strong>GENERAL EDUCATION REQUIREMENT</strong></td>
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<td>FNCE 711</td>
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<td>ECON 741</td>
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<td>FNCE 702</td>
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<td>FNCE 751</td>
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<td>FNCE 799</td>
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</table>
Students are to choose two electives in the first semester and one elective in the second semester.
COURSE DESCRIPTION

GEDS 701 RELIGION AND SOCIETY 2 Credits
The course considers reasons for belief in the reality and relevance of God in contemporary society. It also explores the impact of religion on the various aspects of human endeavor.

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 711 FAITH IN FINANCE 2 Credits
With emphasis in finance, Faith in Finance looks at the Integration of Faith and Learning in Finance. It will cover areas such as Biblical bases for welfare economics; Analysis of biblical laws pertaining to business 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 insatiable wants and its financial implications.

FNCE 711 FINANCIAL MANAGEMENT 2 Credits
The Nature, Scope and Purpose of Financial Management; Sources and Costs of Short, medium and Long term Finances; Sources and Problems of new Financing; Capital Structure, Capital Budgeting, Management of Working capital and Current assets; Analysis and interpretation of basic Financial Statements; Business Mergers, Acquisition and Takeovers; Determinants and Implications of Dividend Policy; Valuation of Stocks/ Shares; Assets and Liabilities Management; Risks of Finance and Methods of avoiding them; Sources and application of Funds and Capital Structure of Nigerian Firms.

FNCE 721 MANAGEMENT OF FINANCIAL INSTITUTIONS 2 Credits
This course will treat areas such as Management: Convention and Conception; Definition of Dynamics of Management theory formulation, forms, approaches and functions of theory; Characteristics of a good theory, Evaluation and view of Management theories; Application and relevance of theory in Nigerian context; Creativity and Management and Modern issues in Management theory relating to financial institutions.

FNCE 731 MICRO ECONOMICS 2 Credits
Applied Analysis of Consumer behaviour in a Competitive Market.; Behaviour of firms under a Competitive market; The Pragmatic Approach to Demand Analysis and linear expenditure Systems; Demand for the product of a firm; Production theory; Theory of cost; Perfect competition and Monopoly; Monopolistic Competition; Price discrimination and Classical Oligopoly.

FNCE 741 INTERNATIONAL FINANCE 2 Credits
This course will among others deal with the following Monetary aspects of International trade, Balance of payments and its adjustments; Foreign Exchange market and its efficiency, theory of Devaluation, optimum currency areas and International Financial Institutions and Markets: Roles, Functions, Features, Structure and Performance.

**FNCE 761 MANAGERIAL ECONOMICS**  
2 Credits  

**FNCE 772 MARKETING OF FINANCIAL SERVICES**  
2 Credits  
Analysis of Marketing from view point of the decision maker; including study of the Behaviour of the economic environment; Competitive structure and Legal constraints as exogenous variable affecting firms; Consideration of pricing Strategy; Market research product development, channels of distribution, advertising, Personal selling and Promotion as variables under Manager’s control; Description of concepts of Consumer behaviour as focus of marketing activity, including both quantitative and behavioural model, in depth discussion as strategic variables.

**FNCE 702 MACRO ECONOMICS**  
2 Credits  
The Concept of Macro- economics; Measurement of Economic Activity: National Income Accounting; Consumption, Savings and Income determination; Investment Expenditure and Income Determination; Government Fiscal activities and Income Determination; the external sector and Income determination; Money Demand, Money supply and monetary equilibrium.

**FNCE 722 APPLIED RESEARCH**  
2 Credits  
Review of types of research; Analysis of Research Designs, such as Survey, experimental, quasi-experimental, Ex Post facto designs, Properties of good designs etc.; Sampling and Sampling designs; Measurement and Scaling in research; Evaluating the quality of research data; Questionnaire Construction; Econometric research methods such as simple and multiple regression analysis, serial correlation etc. The report writing organization, Data Analysis and presentation; Hypothesis and significance tests; Styles of referencing; Electronic data processing packages and The World Wide Web (www) in the research process.

**FNCE 799 PROJECT WORK**  
4 Credits  
Each student will be assigned to a Supervisor in the First Semester. The requirement is that of a practical and empirical case study research Report production and presentation.

**MASTER OF SCIENCE IN FINANCE (M.Sc. Finance)**

The Master of Science in Finance Program provides rigorous training in the theory of finance and applications of finance theory. While the program focuses on the theory of and applications of finance theory, economics principles essential to a better understanding of theories and applications of finance are integrated into the course work. It is within this context that the MSc. Finance program can be regarded as training in the burgeoning area of financial economics. In our program, M.Sc. students have the opportunity to develop their intellect and understanding of domestic or international financial markets via faith based learning that is built on the foundation of practical academic research or the literature of finance. Our goal is to produce graduate students in Finance for the Nigerian, African, and World economies that have the training that enables them ask the right questions and proffer appropriate answers to financial challenges that face firms or countries. We expect graduates from our programs will be at the forefront in the development of and modeling of financial systems appropriate to the enhancement of financial development in both emerging and developed countries.

**Objectives**
To train financial experts for academia and the business world, particularly financial markets and regulatory authorities.

- To develop manpower for financial policy formulation and implementation.
- To explain financial theories and models through empiricism and application.
- To integrate faith into the learning and practice of financial matters and practices.
- To produce graduates who will adopt faith-based research processes with a Christian perspective.

**a) Admission Requirements:** Every candidate will be required to satisfy regulations 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, Actuarial Science or other area 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, Marketing, Insurance, Actuarial 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 42 units of coursework and defend a research thesis (6 units) in a minimum of 3 semesters. Students who enter the program during the Second semester should note they may need four semesters to complete the program even though theoretically they can complete the program in the minimum stipulated three semesters.

Master of Science in Finance
ELONGATED SCHEDULE
Babcock University offers the MSc. Finance program to professionals on what is referred to as the Elongated Schedule. The elongated program schedules all classes on Sundays, and typically requires a minimum of four semesters to complete. Professional qualifications are considered alternative qualifications for acceptance into the program for applicants whose undergraduate GPAs do not meet up with program requirements or whose undergraduate degrees are not in a finance or management related field.

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 shall be withdrawn and may later be re-offered.

Internship/On-the-job-training/Industrial attachment program
Candidates without formal working experience shall make efforts to undergo Internship/On-the-job-training/Industrial attachment, as the case may be, for a period of 3 months consecutively, at the completion of 75% to 90% of his or her course-work. Such candidate, before embarking on the said program, must seek the approval of the department and SPGS, and secure a letter of introduction from the latter. At the end of the program, the candidate is expected to submit a letter/certificate of (satisfactory) service through the Program Coordinator to the department and SPGS.
# Master of Science in Finance (M.sc.) Course Requirement

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester</th>
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<tr>
<td></td>
<td><strong>GENERAL REQUIREMENT</strong></td>
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<tr>
<td>GEDS 801</td>
<td>Religion, Faith and Morality</td>
<td>2</td>
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<tr>
<td>GEDS 802</td>
<td>Statistics</td>
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<td></td>
<td><strong>CORE COURSES</strong></td>
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<tr>
<td>FNCE 817</td>
<td>Introduction to Finance Theory</td>
<td>3</td>
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<tr>
<td>FNCE 822</td>
<td>Security and Portfolio Analysis</td>
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<tr>
<td>FNCE 824</td>
<td>Financial Analysis and Reporting</td>
<td>3</td>
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<tr>
<td>BMBA 801</td>
<td>Business Ethics</td>
<td>3</td>
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<tr>
<td>FNCE 852</td>
<td>Financial Economics</td>
<td>3</td>
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<tr>
<td>FNCE 828</td>
<td>Quantitative Analysis in Finance</td>
<td>3</td>
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<tr>
<td>FNCE 851</td>
<td>Corporate Finance</td>
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<tr>
<td>FNCE 836</td>
<td>Theory of Financial Intermediation</td>
<td>3</td>
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<tr>
<td>FNCE 839</td>
<td>Management of Financial Institutions</td>
<td>3</td>
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<tr>
<td>FNCE 819</td>
<td>Advanced Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 820</td>
<td>Advanced Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 895</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 897</td>
<td>Seminar in Finance: Monetary Economics</td>
<td>2</td>
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<tr>
<td>FNCE 899</td>
<td>Thesis Writing</td>
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<td><strong>TOTAL</strong></td>
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|             | **ELECTIVES - Optional**                          |          |
| FNCE 841    | International Business Finance                    |          |
| FNCE 864    | Entrepreneurship                                 |          |
| FNCE 844    | International Banking Systems                    |          |

**NOTES:**

(ii) Request for any electives course should be done through the Program Coordinator, 3 months before the date of the expected course offering.

# M.Sc. in Finance Course Description

**GEDS 801 RELIGION, FAITH AND MORALITY**

2 Credits

The course aims at educating students on the relationship between religious beliefs and morality. Selected ethical and moral issues from the perspective of social ethical theories and practices will be considered.

**GEDS 802 STATISTICS**

2 Credits

To equip students with the necessary quantitative and statistical tools for high-level research in the Social Sciences in general, and in Financial Management in particular. The focus will be on the nature and practical applications of concepts, models and techniques in the 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. Also, 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 is essential.

**FNCE 817 INTRODUCTION TO FINANCE THEORY**
3 Credits
This course introduces the theory of finance with a focus on understanding risk, measures of risk, and interactions between risk and risk preferences. Course commences with a discussion of risk and risk preferences within the context of stochastic dominance. Subjects covered include theories of markets, market efficiency, efficiency metrics, capital structure, Capital Asset Pricing Model (CAPM), and Intertemporal Capital Asset Pricing Model (ICAPM). This course falls within the realm of asset pricing. Includes discussion of costs of capital other than cost of equity (CAPM).

**FNCE 819 MICROECONOMICS**
3 Credits
This is an advanced course in microeconomics that is adapted to enhance understanding of finance theory and applications of that theory within the context of financial economics. The course focuses on preference theory – the concept of Walrasian equilibriums – and axioms of preference theory, such as the Weak Axiom of Revealed Preference (WARP) and the Strong Axiom of Revealed Preference (SARP).

**FNCE 820 MACROECONOMICS**
3 Credits
This is an advanced course in macroeconomics that is adapted to enhance understanding of finance theory and applications of that theory within the context of financial economics. The course focuses on understanding theories of productivity, fiscal policy, investments, inflation, exchange rates, economic growth, and effects of interactions between these macroeconomic factors on economic development. Relations between inflation and investments are an important component of this course.

**FNCE 822 SECURITY AND PORTFOLIO ANALYSIS**
3 Credits
Security and Portfolio Analysis focuses on 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 advice and portfolio management strategy and contemporary issues in investment world. Relative valuation is an important component of this course.

**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, using Sun- Plus Accounting Software.

**FNCE 828 QUANTITATIVE ANALYSIS IN FINANCE**
3 Credits
This is a course on econometric methodologies specific to financial economics. The contents of this course include the following: Autoregressive Conditional Heteroscedasticity (ARCH) models and applications to studies of Intertemporal Capital Asset Pricing Model (ICAPM); Cointegration theory; Time series models that allow for causal inferences, such as Vector Error Correction Models (VECMs); Fama-Macbeth approach to handling intertemporal changes in risk-return tradeoffs – applications to studies of capital structure and CAPM; Generalized Method of Moments (GMM); and Data Envelopment Theory (DET). The course requires completion of an empirical research paper.

**FNCE 836 THEORY OF FINANCIAL MARKET AND INTERMEDIATION**

3 Credits

This course explores theories of financial intermediation, as well as theories of the feasibility of financial intermediation. In so far as markets as concerned, the course focuses on non-equity markets (equity markets are covered in FNCE 852). Topics covered include: information risk and financial intermediation; the theory of delegated; monitoring; financial intermediation and diversification; theory of bank competition; portfolio risk management; applications of duration and convexity matching to management of portfolio risk; liquidity risk; and asset securitization.

**FNCE 839 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 introduce 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, asset 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 841 INTERNATIONAL BUSINESS FINANCE**

3 Credits

This course focuses on the management of exchange rate risk. The course focuses particularly on implications of differences in exchange rate regimes for the management of exchange rate risk and evaluations of productivity. Course incorporates theory of exchange rates, determination of exchange rates, and strategies adopted by multinational corporations (MNCs) for managing exchange rate exposure.

**FNCE 844 INTERNATIONAL 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, 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, commercial and investment banking, bank risks and bank regulation. Also, the course deals with 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, trade finance, and concept of correspondent banking.

**FNCE 851 CORPORATE FINANCE**  
3 Credits  
Finance treats the transfer of resources across time and the transfer of risk among economic entities. The aim of this course is to develop the microeconomic theory relevant to these types of transactions. A set of underlying economic principles is applied to the determination of the value of basic financial instruments such as stocks and bonds, as well as to more complicated derivative securities, such as futures and options. Valuation concepts, in turn, allow for the analysis of various issues of interest to policy makers as well as portfolio managers and investors, such as the term structure of interest rates, portfolio theory, the capital structure of the firm, and risk management. Course incorporates discussions of choice of projects under uncertainty rules (NPV, IRR etc.), capital rationing, and asset replacement theories.

**FNCE 852 FINANCIAL ECONOMICS**  
3 Credits  
This course builds on discussions of interactions between risk and risk preferences in FNCE821 by exploring applications of these interactions within the context of Corporate Finance. Topics covered with material focused on practical academic research and implications for corporations and financial markets include: IPO allocation mechanisms and the pricing of IPOs; relation between cost of capital and diversification; risk management, real options, and firm valuation; mutual fund and hedge fund performance relative to asset pricing models; difference between financing and default risk and implications for strategic default; and securities design.

**FNCE 864 ENTREPRENUERSHIP**  
3 Credits  
This course develops an awareness of the state of entrepreneurship in the world today. Students are 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. The goal of this course is to introduce students to the state of entrepreneurship, providing insight into: 1) the significance of entrepreneurship in the economy, 2) entrepreneurial processes - from finding and evaluating good business opportunities to new venture start-up and growth issues, and 3) entrepreneurial behavior, 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 and entrepreneurship; sources of information about entrepreneurship and small business; site selection; methods of predicting the success of a small business; ways of financing a business; legal needs of different types of business organizations; business plans; procedures entailed in purchasing supplies, inventory items, raw materials, and services; 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 pitfalls and helpful hints.

**BMBA 801 BUSINESS ETHICS**  
3 Credits  
This course is a reflection of integration of faith in business transactions. It is designed to provide comprehensive survey of the basic biblical, ethical, philosophical concepts, views and principles that form the basis of making ethical decision in business. 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. Moral and ethical values of business transactions, as guided by biblical principles (e.g. principles of equity, to whom much is given, much is expected).

**FNCE 883 PROJECT FINANCE**
3 Credits
The course covers project planning and tracking, performance metrics and performance evaluation, as well as recruiting, retention, career planning, team building, quality control, negotiation, risk analysis, and legal issues.

**FNCE 895 RESEARCH METHODS**
3 Credits
This course introduces students to research design and methodology. The focus is on the science of article writing, which incorporates: general principles that relate to topic choice and the formulation of appropriate research questions; the “how” of research design with a focus on understanding the importance of the error term in so far as research design is concerned; and introduction to Ordinary Least Squares (OLS) as entry level research methodology. Exposure to referencing or referencing styles is a component of the course. The course requires completion of an empirical research paper.

**FNCE 897 SEMINAR IN FINANCE: MONETARY ECONOMICS**
3 Credits
This is a seminar class on Monetary Economics. The course focuses on an understanding of new Keynesian theory and implications of the theory for monetary policy, understanding of responses of different economies to nominal shocks, and relations between inflation and investment. The key predictions of new Keynesian theory are juxtaposed with the leading new classical alternative – the Lucas (1972) imperfect information model.

**FNCE 899 THESIS WRITING**
6 Credits
Students will be required to produce a supervised thesis. This thesis will be defended before the Postgraduate Board or its Appointees.

**DEPARTMENT OF INFORMATION RESOURCES MANAGEMENT**

**Master of Information Resources Management (MIRM)**
Information and its effective communication and use are vital activities within all areas of government, commerce, industrial and social life. 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 resources management in Babcock University. The selectivity and screening of information have become very crucial in today’s information environment where information overload has become a constant. 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 keeping with the mission of Babcock University, the goal of this programme is to train individuals for professional work in information service delivery in all areas of public, business, industrial and social life.

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 a critical awareness and professional skill in health information management
6. develop professional skills in the selectivity and screening of information in the field of business management

Admission Requirements
A. Admission shall be made by School of Postgraduate Studies on the recommendation of the Department/School Postgraduate Committee. Recommendation for admission will be based on candidates’ performance in the screening exercise (written/oral) to be conducted by the department. Applicants are also expected to write a two-paged proposal on their career aspiration. Admission to the Master degree programme is open to graduates of this university and of other universities recognized by Senate. Candidates should have a minimum of:
a) A good Second Class Lower Division in
   i) Information Resources Management
   ii) Any discipline outside Information Resources Management
b) Three years of work experience in information based organizations will be added advantages to applicants in all cases

Candidates who have a Second Class Lower Division from any discipline who have worked in industrial or commercial organizations (library or information section) for at least three years.

B. Mode of Admission
   i. Regular Module admission
   Admission can be offered only to candidates who satisfy the School of Postgraduate Studies that they are not in employment, or that they have been released by their employers to undertake full-time studies.

   ii. Elongated or Extended module Admission
   Candidates may be admitted to Extended Module registration if they satisfy the requirements of the School of Postgraduate Studies. This will be done under the Elongated option in which six months are considered to be equivalent to a semester.

Duration of the Program
Three (3) semesters

Industrial Attachment
In all Master level courses, students will undertake a three month placement in any organization
of their choice including library/information service centres.

They are advised to choose places that would enhance their proposed area of specialization. The placement takes place between the end of second semester coursework and the beginning of third semester. A satisfactory grade will be required for candidates to proceed to the third semester.

**Graduation Requirements**
Candidates will be required to pass at least 45 units on the whole. They will also conduct and successfully defend a thesis valued at 6 units, for a total of 51 units. In all cases, candidates must achieve at least 60% in each of the core courses and achieve an aggregate mark of 70% overall to be able to proceed to PhD.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRMA 841</td>
<td>Knowledge Management for Information Professionals</td>
<td>2</td>
</tr>
<tr>
<td>IRMA 851</td>
<td>Research Methods in Information Resources Management</td>
<td>2</td>
</tr>
<tr>
<td>IRMA 862</td>
<td>Archives Administration and Records Management: Principles &amp; Practices</td>
<td>2</td>
</tr>
<tr>
<td>IRMA 873</td>
<td>Seminar (Issues and Themes in Information Resources Mgt)</td>
<td>2</td>
</tr>
<tr>
<td>IRMA 882</td>
<td>Industrial Practical Attachment</td>
<td>2</td>
</tr>
<tr>
<td>IRMA 892</td>
<td>Information Ethics and Policy</td>
<td>2</td>
</tr>
</tbody>
</table>

**ELECTIVE COURSES**

(i) For specialization, students will choose and pass at least four courses in any one of the groups below. The four courses must be chosen from one group.

(ii) The Health Information Management option is open only to graduates or HND holders in Health Records Management.

**Library and Information Studies Specialization**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLIS 871</td>
<td>Managing Libraries and Information Services in changing environments</td>
<td>2</td>
</tr>
<tr>
<td>MLIS 881</td>
<td>Information Systems and Technologies</td>
<td>2</td>
</tr>
<tr>
<td>MLIS 891</td>
<td>Digital Libraries</td>
<td>2</td>
</tr>
<tr>
<td>MLIS 852</td>
<td>Government Libraries</td>
<td>2</td>
</tr>
<tr>
<td>MLIS 862</td>
<td>Information Use and Users</td>
<td>2</td>
</tr>
<tr>
<td>MLIS 872</td>
<td>Legal aspects of information</td>
<td>2</td>
</tr>
<tr>
<td>MLIS 882</td>
<td>Web Publishing and Design</td>
<td>2</td>
</tr>
</tbody>
</table>

**Business Information Management Specialization**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBIM 871</td>
<td>Business Information Resources and Strategic Management</td>
<td>2</td>
</tr>
<tr>
<td>MBIM 881</td>
<td>Business Intelligence</td>
<td>2</td>
</tr>
<tr>
<td>MBIM 891</td>
<td>Managing Information Systems Project</td>
<td>2</td>
</tr>
<tr>
<td>MBIM 852</td>
<td>Consultancy and Project Management</td>
<td>2</td>
</tr>
<tr>
<td>MBIM 862</td>
<td>Managing Information Resources</td>
<td>2</td>
</tr>
<tr>
<td>MBIM 872</td>
<td>Corporate and Specialized Information Services</td>
<td>2</td>
</tr>
<tr>
<td>MBIM 892</td>
<td>Marketing Concepts and Technologies for IRM professionals</td>
<td>2</td>
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**Knowledge Management (KM) Specialization**

<table>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MKM 871</td>
<td>Leveraging Intellectual Resources in KM</td>
<td>2</td>
</tr>
<tr>
<td>MKM 881</td>
<td>KM Tools/Technologies</td>
<td>2</td>
</tr>
<tr>
<td>MKM 891</td>
<td>KM Strategies</td>
<td>2</td>
</tr>
<tr>
<td>MKM 852</td>
<td>Knowledge Management Systems</td>
<td>2</td>
</tr>
<tr>
<td>MKM 862</td>
<td>Managing Knowledge and Innovation</td>
<td>2</td>
</tr>
<tr>
<td>MKM 872</td>
<td>Intellectual Capital Management</td>
<td>2</td>
</tr>
<tr>
<td>MKM 882</td>
<td>Communities of Practice</td>
<td>2</td>
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**Archives Administration & Records Management Specialization**

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MRAM 871</td>
<td>Records and Archival Systems</td>
<td>2</td>
</tr>
<tr>
<td>COURSE DESCRIPTION</td>
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<tr>
<td><strong>IRMA 811</strong>: <strong>PRINCIPLES AND PRACTICES OF INFORMATION RESOURCES MANAGEMENT</strong> (3 credits)</td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>IRMA 812</strong>: <strong>ORGANIZATIONAL INFORMATICS</strong> (3 credits)</td>
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<tr>
<td>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</td>
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</tr>
</tbody>
</table>
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, 2hrs 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 841: KNOWLEDGE MANAGEMENT FOR INFORMATION
PROFESSIONALS
(2 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 (2
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 852: QUANTITATIVE METHODS IN INFORMATION STUDIES (2
credits)
To equip students with the necessary quantitative and statistical tools for research in the
Social Sciences in general and Information Studies in particular. The focus will be on the
nature and practical applications of concepts and techniques in process of conducting
quantitative research in IRM. This will be in the areas of general quantitative and
mathematical research tools including statistical analysis and the use of the statistical
software (SPSS).

IRMA 861: FOUNDATIONS OF THE INFORMATION PROFESSIONS (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 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 862: ARCHIVES ADMINISTRATION AND RECORDS MANAGEMENT: PRINCIPLES AND PRACTICES (2 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 place of records management in the information professions (e.g. relationship to preservation, archives administration, information resources management and information and library science). 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 873: SEMINAR (ISSUES AND THEMES IN INFORMATION RESOURCES MANAGEMENT) (2 credits)
Discussions and seminar presentation on current issues of interest in the field of Information Resources Management.

IRMA 882: INDUSTRIAL PRACTICAL ATTACHMENT (2 credits)
Attachment to any relevant information organization for at least 3 months.
The programme of studies for the PhD in Information Resources Management appears in the following table:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
<th>1st Year</th>
<th>2nd Year</th>
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<tr>
<td></td>
<td><strong>FOUNDATIONAL COURSES</strong></td>
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<tr>
<td>GEDS 901</td>
<td>Personal and Family Wholeness</td>
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<td>GEDS 902</td>
<td>Statistics</td>
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<tr>
<td>GEDS 911</td>
<td>Research Proposal Writing</td>
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<td>GEDS 912</td>
<td>Advanced Research Design</td>
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<tr>
<td>IRMA 912</td>
<td>Information Policy</td>
<td></td>
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<td>3</td>
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<tr>
<td>IRMA 921</td>
<td>Information for Diverse Populations</td>
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<tr>
<td>IRMA 902</td>
<td>Competitive Intelligence</td>
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<tr>
<td>IRMA 999</td>
<td>Doctoral Thesis I</td>
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<tr>
<td>IRMA 999</td>
<td>Doctoral Thesis II</td>
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<td><strong>COGNATE COURSES</strong></td>
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<td>IRMA 901</td>
<td>Human Resources Management in Information Centres</td>
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<tr>
<td>IRMA 903</td>
<td>Seminar in Professional Issues</td>
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<td>3</td>
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<td></td>
<td>Seminar in Management Theories &amp; Applications</td>
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<tr>
<td>IRMA 905</td>
<td>Seminar in Information Technology &amp; System</td>
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<td>IRMA 906</td>
<td>Seminar in Research Method: Design, Theory &amp; Practice in IRM</td>
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<tr>
<td>IRMA 953</td>
<td>Biblical Foundation of Information Resources Management</td>
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<td><strong>Total for Cognate Courses: 19 credits</strong></td>
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<tr>
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<td><strong>ELECTIVE COURSES</strong></td>
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<td><strong>Total for Elective Courses: 4 credits</strong></td>
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<td>10</td>
<td>10</td>
<td>10</td>
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**List of Elective Courses Available**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>IRMA 911</td>
<td>Appraisal of Archives and Manuscript</td>
<td>2</td>
</tr>
<tr>
<td>IRMA 913</td>
<td>Information Consulting</td>
<td>2</td>
</tr>
<tr>
<td>IRMA 916</td>
<td>Strategic planning and Policy</td>
<td>2</td>
</tr>
<tr>
<td>IRMA 918</td>
<td>Managing Knowledge for Innovation</td>
<td>2</td>
</tr>
<tr>
<td>IRMA 922</td>
<td>Information Society</td>
<td>2</td>
</tr>
<tr>
<td>IRMA 923</td>
<td>Advanced Information Storage and Retrieval</td>
<td>2</td>
</tr>
<tr>
<td>IRMA 924</td>
<td>Advanced Records and Archives Administration</td>
<td>2</td>
</tr>
<tr>
<td>IRMA 927</td>
<td>Gender and ICT</td>
<td>2</td>
</tr>
<tr>
<td>IRMA 928</td>
<td>Rural community and Information sources and services</td>
<td>2</td>
</tr>
<tr>
<td><strong>IRMA 918:</strong></td>
<td>MANAGING KNOWLEDGE FOR INNOVATION</td>
<td>2</td>
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</tbody>
</table>
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.

DEPARTMENT OF MASS COMMUNICATION

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?”) should be settled through the Seventh – day Adventist (the proprietor of Babcock University) prescription for an Integration of Faith and Learning (IFL) process in classrooms and other strategic places and events where students are involved.

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

ABSTRACT OF PROPOSAL
The Postgraduate degree programmes in mass communication in the PGD, Masters, and MPhil/PhD are designed to train qualified enrollees to acquire advanced knowledge skills in such media areas of specializations of broadcasting, public relations, advertising, journalism and publishing studies. It is hoped that their training will equip them to enter the labor market in such establishments as media houses, advertising industries and newspapers establishment and the church institutions where their particular expertise is needed. Some of the graduates of the programmes will establish their own companies and employ other people depending on the buoyancy of the economic environment, conduciveness and the incentives are available.

The programme is in compliance with the mission and vision of the Babcock University, which builds on the holistic growth, and development of man, through the training of the head, heart and hands for effective leadership of the society.
PROPOSAL

A. Objectives of the Program.

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 spiritually. 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:

- Designed to meet the communication needs of the church and the nation at postgraduate level noting the vital role communication plays in human existence.

- 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.

1. The program will help 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 and dignity and commitment for which the SDA Church is noted, and give media practice a distinctively unique Christian orientation for service.

2. Indirect Benefits of the Program

- Produce professionals who are Christ-centered in perspective, through Development of manpower

- Through lifting people to God through integration of faith and learning in actual practice.

3. Impact of programme on Babcock University

- Expansion of number of programmes in the school

- Attract students from the Diaspora

- Increase the student population and infrastructural development (giving room for additional hands).

- Complement other programmes in the institution by encouraging interdisciplinary collaboration especially because communication cuts across all human spheres, activities.
POSTGRADUATE DIPLOMA (PGD)
THE PROGRAMMES
The postgraduate programmes designed to achieve the above vision and mission are the following:

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

POST GRADUATE DIPLOMA IN MASS COMMUNICATION

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>1st</th>
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<tbody>
<tr>
<td></td>
<td>GENERAL EDUCATION REQUIREMENT</td>
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<tr>
<td>GEGS 701</td>
<td>Religion &amp; society</td>
<td>2</td>
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<td>GEGS 702</td>
<td>Statistics</td>
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<td>GEGS 703</td>
<td>Personal &amp; Family Wholeness</td>
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<tr>
<td>MCOM 701</td>
<td>Introduction to Mass Comm.</td>
<td>2</td>
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<tr>
<td>MCOM 711</td>
<td>Research Method in Mass Comm.</td>
<td>2</td>
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<tr>
<td>MCOM 721</td>
<td>Intro. to Advert &amp; PR</td>
<td>2</td>
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<tr>
<td>MCOM 731</td>
<td>Reporting and Editing</td>
<td>2</td>
<td>2</td>
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<tr>
<td>MCOM 702</td>
<td>History of Nigeria Mass Media</td>
<td></td>
<td>2</td>
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<tr>
<td>MCOM 712</td>
<td>Media Law &amp; Ethics</td>
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<tr>
<td>MCOM 799</td>
<td>Research Project</td>
<td></td>
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<td></td>
<td>ELECTIVE (Choose ONE elective each during first</td>
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<td></td>
<td>and second semester)</td>
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<tr>
<td>MCOM 741</td>
<td>Media Relations</td>
<td>2</td>
<td></td>
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<tr>
<td>MCOM 751</td>
<td>Radio &amp; TV Studio Operations</td>
<td>2</td>
<td>2</td>
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<tr>
<td>MCOM 722</td>
<td>Broadcast/Film Production</td>
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<td>2</td>
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<tr>
<td>MCOM 732</td>
<td>Community Relations</td>
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<tr>
<td>MCOM 742</td>
<td>Feature Writing</td>
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<td>2</td>
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<tr>
<td>MCOM 752</td>
<td>Radio/TV Drama &amp; Documentary Production</td>
<td></td>
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<tr>
<td>MCOM 762</td>
<td>Advert &amp; PR campaign Mgt.</td>
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<td><strong>Total (26)</strong></td>
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ADMISSION REQUIREMENTS

Candidates for admission into Post-Graduate Diploma shall:
- Have an undergraduate degree in Mass Communication or any other discipline or any appropriate qualification from Babcock University or any other university/polytechnic recognised by the senate of Babcock University.
- Have obtained the equivalent of a minimum of 3.0 CGPA in the degree or HND
- Have satisfied the Department in a selection process.
- Have satisfied other admission requirements of the School 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 16 compulsory units and 6 elective units
- Make a cumulative grade point average of not less than 3.0 in other to progress to the MA programme.
- Submit a supervised professional or research project weighted 4 units
- Satisfy all other requirements, including the prescribed period of study.

COURSE DESCRIPTION

GEGS 701 RELIGION AND SOCIETY 2 Credits
The course considers reasons for belief in the reality and relevance of God in contemporary society. It also explores the impact of religion on the various aspects of human endeavor.

GEGS 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

MCOM 701 INTRODUCTION TO 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 METHOD IN MASS COMMUNICATION 2 credits
This course introduces students to the fundamentals of 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 instrument, population samples, as well as the processing of data to arrive at conclusions that closely approximate reality are all taught.

**MCOM 721 INTRODUCTION TO ADVERTISING & 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 some models of how PRAD works, elements of PRAD process, the participants in the PRAD process, the agencies as well as other relevant elements.

**MCOM 731 REPORTING & EDITING 2 credits**
The course exposes students to the rudiments of reporting and editing. Course content includes the principles of news reporting, the qualities of newsworthy item, 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 the 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 & TV STUDIO OPERATIONS 2 credits**
This course is an advanced analysis of radio and television studio and control room technology. It also incorporates practical exercise in studio set-up, standard operation procedures and use of studio facilities.

**MCOM 702 HISTORY OF THE NIGERIAN 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 & ETHICS 2 credits**
The course takes students through some of the statutes and common law 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.

**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.

**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 & DOCUMENTARY WRITING & PRODUCTION  
2 credits
The course is an in-depth study of the process of Radio and TV drama and documentary production. Students are made to understand 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 the 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 & 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 an objective, map strategies, implement strategies tactically and evaluate the outcome of the efforts.

MCOM 799  RESEARCH PROJECT  
4 credits
The research project 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.
Abstract of Proposal

The Masters degree programme in Mass Communications is designed to train qualified candidates to acquire advanced knowledge and skills in such media areas of specialization as Broadcasting, Public Relations & Advertising, Journalism and Publishing Studies. It is hoped that this training would deepen students’ understanding of theoretical advances in Mass Communication while enhancing their managerial skills in areas within the Mass Communication field.

The programme is in compliance with the mission and vision of Babcock University, which builds on the holistic growth and development of man, through the training of the head, heart and hands for effective leadership in the society.

M.Sc MASS COMMUNICATION

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 millie 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 peculations 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.

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.
- Have obtained a minimum of 3.5 CGPA in the degree of Postgraduate Diploma.
- Have satisfied the Department in a selection process.
- Have satisfied other admission requirements of the School of Postgraduate Studies.

Graduation Requirements
To obtain Master of Science degree in Mass Communication, a candidate must
Pass a minimum of 36 units made up 30 units of course work and 6 units of research project within the duration of three semesters.
Make a cumulative GPA of not less than an equivalent of 2.50 or a degree equivalent to second class lower.
Submit a supervised research project weighted 6 units and pass the oral defense examination.
Satisfy all other requirements, including the prescribed period of study.

Curriculum for the Programme
The programme of studies for the M.Sc in Mass Communication appears in the following table:
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEDS 801</td>
<td>Religion, Faith and Morality</td>
<td>2</td>
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<tr>
<td>GEDS 802</td>
<td>Statistics</td>
<td></td>
<td>2</td>
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<tr>
<td>GEDS 803</td>
<td>Personal and Family Wholeness</td>
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<td><strong>Total for Foundational Courses:</strong> 6 credits</td>
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<tr>
<td>MCOM 801</td>
<td>Theories of Communication</td>
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<tr>
<td>MCOM 802</td>
<td>Media Analysis and Criticism</td>
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<td>3</td>
</tr>
<tr>
<td>MCOM 811</td>
<td>Research Methods in Communication</td>
<td>3</td>
<td></td>
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<tr>
<td>MCOM 812</td>
<td>Human and Speech Communication</td>
<td></td>
<td>3</td>
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<tr>
<td>MCOM 821</td>
<td>Media Law and Ethics</td>
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<td></td>
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<tr>
<td>MCOM 822</td>
<td>Communication for Development</td>
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<tr>
<td>MCOM 899</td>
<td>Thesis</td>
<td></td>
<td>6</td>
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<td>MCOM 832</td>
<td>Corporate and Organizational Communication</td>
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<td>MCOM 831</td>
<td>Public and Political Communication</td>
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<tr>
<td>MCOM 842</td>
<td>Media Relations</td>
<td></td>
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<td>MCOM 841</td>
<td>Advanced Scholarly Writing</td>
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<td><strong>Total for General Electives:</strong> 17 credits</td>
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<td>MCBC 802</td>
<td>Broadcast Programming and Evaluation</td>
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<tr>
<td>MCBC 811</td>
<td>Advanced Production Techniques (Radio)</td>
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<tr>
<td>MCBC 821</td>
<td>Advanced Studies in Announcing and Presentation</td>
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<tr>
<td>MCBC 822</td>
<td>Topical Issues in Broadcasting (Seminar)</td>
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<tr>
<td>MCJP 801</td>
<td>Advanced Studies in Print Journalism</td>
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<td>MCJP 802</td>
<td>Newspaper and Magazine Management and Production</td>
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<td>MCJP 811</td>
<td>Editorial Management</td>
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<td>MCJP 812</td>
<td>Advanced and Specialized Writing</td>
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<tr>
<td>MCJP 821</td>
<td>History and Development of Book Publishing</td>
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<tr>
<td>MCJP 822</td>
<td>Tropical Issues in Journalism &amp; Book Publishing (Seminar)</td>
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<td>MCPR 801</td>
<td>Environments of PR and Advertising</td>
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<td>MCPR 802</td>
<td>Creative Workshop in PR and Advertising</td>
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<tr>
<td>MCPR 811</td>
<td>Financial Public Relations</td>
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<tr>
<td>MCPR 812</td>
<td>Consultancy Services in Mass Communication</td>
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<tr>
<td>MCPR 821</td>
<td>Advertising and Society</td>
<td></td>
<td>2</td>
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<tr>
<td>MCPR 822</td>
<td>Topical Issues in PR and Advertising (Seminar)</td>
<td></td>
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<tr>
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<td><strong>TOTAL (38)</strong></td>
<td>17</td>
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</tr>
</tbody>
</table>
Course Descriptions

GEGS 801: RELIGION, FAITH AND MORALITY 2 Credits
An in-depth opportunity for the graduate student 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.

GEGS 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, sapling theory or regression, sapling 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.

MCOM 801 THEORIES OF COMMUNICATION 3 Credits
The course is a critical examination of key theory in mass communication and their application in research and their writing. The course shall also emphasize the indispensability of this to the study of mass communication.

MCOM 802 MEDIA ANALYSIS & CRITICISM 3 Credits
This course is aimed to equip students with different parameters to judge broadcast programmes. It examines critically and in details media message, media structure and media audience.

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 812 HUMAN & SPEECH COMMUNICATION 3 Credits
The course is an advanced study of human and speech communication. It looks at the types, forms, methods and techniques for effective communication.

MCOM 821 MEDIA LAW & ETHICS 3 Credits
The course crucially examines the 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 affects 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.
MCOM 822 COMMUNICATION FOR DEVELOPMENT 3 Credits
This course deals with using communication to bring development. Technology and communication formats appropriate for the development of various sectors will be examined in depth. The emphasis of the course is on grassroots communication.

MCOM 832 CORPORATE AND ORGANIZATIONAL COMMUNICATION 2 Credits
The course explores the forms, media and strategies of internal communication open to corporate managers.

MCOM 831 PUBLIC AND POLITICAL COMMUNICATION 2 Credits
This course studies in-depth political communication as it affects the general society. It seeks a systematic understanding and critical awareness of public communication in a democracy and examines succinctly the social and ethical aspects of public communication which will ultimately provide the ability to evaluate and analyse information and communication working practices and their underlying operational assumptions. This course will teach skills and competencies in media relations, strategic information management and communication as it is employed by public and political officers in the pursuit of governance in the workplace and out of it.

MCOM 842 MEDIA RELATIONS 2 Credits
The course is designed to expose students to practice of presenting seminars on mass media issues. Emphasis of presentation is placed on the interdependence of PR practice on media. This course also deals with topical issues, such as dealing with media people and mutual respect between media' men and PR practitioners, as well as issue of handling negative publicity given to corporate organizations

MCOM 841 ADVANCED SCHOLARLY WRITING 2 Credits
This course is intended to train students in ways and means to muster written arguments, project an informed point of view, develop a presentational and analytic style of writing, cite references correctly which will lead to proper preparation of manuscripts for consideration and publication in scholarly outlets. Other considerations will be giving skills to students which will allow the critical appraisal of theoretical assumptions that underline related researches from which they will draw to inform their own research and writing. The course will also teach methodologies employed in scholarly research and writing, familiarize them with scholarly literature and debates, learn how to marshal arguments for their own work through critical examination of other authors’ works as well as understanding and interpretation of data analysis.

MCBC 802 BROADCAST PROGRAMMING AND EVALUATION 2 Credits
This course deals with the in-depth and comprehensive study of broadcast programming and evaluation for different audience.

MCBC 801 STATION OPERATIONS AND MANAGEMENT 2 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)  2 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)  2 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 822: Topical Issues in Broadcasting  2 Credits
This seminar 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  2 Credits
This course looks in details at the different techniques for announcing and presentation of programmes.

MCJP 801 ADVANCED STUDIES IN PRINT JOURNALISM  2 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 NEWSPAPER AND MAGAZINE MANAGEMENT AND PRODUCTION  2 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  2 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  2 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  2 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 822  TOPICAL ISSUES IN BOOK PUBLISHING (SEMINAR)  2 Credits
This is a course in which student present well researched reports on issues that affect book publishing in Nigeria and other countries.

MCPR 801  ENVIRONMENT OF P.R AND ADVERTISING  2 Credits
This course discusses the socio-economic factors that nurtured the practice of PR and advertising in Nigeria and some selected developed countries.

MCPR 802  CREATIVE WORKSHOP IN ADVERTISING AND PR  2 Credits
This seminar course challenges students to research for topical issues on advertising creativity and present a well-researched position paper on approved topics.

MCPR 811  FINANCIAL PUBLIC RELATIONS  2 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.

MCPR 812  CONSULTANCY SERVICES IN PR & ADVERTISING  2 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  2 Credits
This course explores advertising from a sociological perspective, mindful of the fact that advertising not only reflect the norms society but also shapes the society even as it is also shaped.

MCPR 822  TOPICAL ISSUES IN PR & ADVERTISING (SEMINAR)  2 Credits
The seminar course on PR challenges students to search for topical issues on Advertising and public relations and present a well-researched position paper on approved topic.

MCOM 899  THESIS  6 Credits
The thesis allows student to critically examine and carry out in 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.
PHD MASS COMMUNICATION

Postgraduate programmes in Mass Communication are offered by a few federal and state universities in Nigeria. Currently, there are two private universities in Nigeria that offer such a program. The Babcock University programme was designed taking the characteristics of programs at these institutions into consideration. The curricula of certain 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 four hundred and eighty-eight (88) 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.

On inception, the Mass Communication Department was one of the programmes in the Department of Languages and Communication. By 2005, however, the programme had become a department on its own with a current (2013) enrollment figure of five hundred and thirty three (533).

Starting a doctoral programme in Mass Communication would create an avenue by which graduates of the Master’s programme can continue graduate studies at Babcock University thereby availing them the opportunity to be grounded in the total educational philosophy of the institution throughout their graduate programmes. The master’s programme began in 2010 with an initial number of four (4) students, having been accredited by the National Universities Commission (NUC) the regulatory agency for higher education in Nigeria, and subsequently by the AAA. The first set of students graduated in 2012. Currently, there are twenty-two (22) students on the Master’s programme. It also affords graduates of a Master’s in Mass Communications at other institutions wishing to undertake a doctoral program in Mass Communication the opportunity to benefit from the Babcock education system.

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.

Postgraduate Mass Communication programmes, especially at the PhD level, are offered by some universities in Nigeria, particularly in the Southwest Zone; however, the University of Lagos remains a reference point. Another university of note in postgraduate Mass Communication is University of Ibadan, which runs its programme as Communication Arts.

A major snag in postgraduate programme in Mass Communication in these institutions and several others is the unusually long period it takes for most candidates to complete their programmes due to endemic situations within the tertiary education sector within Nigeria. Very often, candidates spend an average of seven years on a three-year programme. This is one of the voids which the Mass Communication programme in Babcock University aims to fill. In doing this however, it would ensure that quality would be constantly strengthened. In brief, one vital gap that our program would fill is that of ensuring that the quality of program offered in developed nations for which many Nigerians and indeed African travel to acquire can be obtained here in Nigeria.
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.

**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.

**Programme Objectives**

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 non-governmental 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 60% pass (4.00 on a 5-point scale). 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 - 59.9% 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 School 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: Students who have started the PhD programme in another university cannot 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 SPGS 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 40 credits, and the thesis shall amount to 16 credits, for a total of 56 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.

### Curriculum for the Programme

The programme of studies for the PhD in Mass Communication appears in the following table:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>S1</th>
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**Total for Specialization Courses 16 credits**

**ELECTIVE COURSES**

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**Total for Elective Courses 4 credits**

**TOTAL (56 credits)**

| | 1 | 1 | 1 | 1 | 8 | 8 |

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**List of Elective Courses**

- **MCBC 911** International Broadcasting and World Affairs 2 Credits
- **MCBC 921** Advanced Production Techniques (Radio & TV) 2 Credits
- **MCJP 922** International News Organization 2 Credits
- **MCJP 902** Print Media Management and Administration 2 Credits
- **MCPR 931** Economics and Management of Public Relations and Advertising 2 Credits
- **MCPR 932** Public Relations & Advertising Regulations 2 Credits

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**Course Descriptions**

**GEDS 901 Personal and Family Wholeness (2 credits)**
The course begins with a study of the theological, historical and ethical perspectives of the family and a Christian assessment of current theories about the family. It further explores personal spiritual development as the centre for individual and family life and professional practice. It emphasizes a balancing of healthy family relationships with professional obligations. Further, the course highlights the responsibility of the individual to himself in the areas of personal wholeness, such as good food (Gen. 2:9, 3:6), bodily exercise (I Tim. 4:8) and rest (Heb. 4:4).

**GEDS 902 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, sapling theory or regression, sapling 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 911 Research Proposal and Writing (2 credits)**
The course is two-pronged. Part one examines the structure and process of research proposals, including proposal for research grants and fellowships, as well as the dissertation proposal. The second part of the course is designed to strengthen necessary skills needed for the writing a research proposal. Students are taught the universally acceptable standards in research proposal writing. Overall, this course aims to prepare students to write acceptable research proposals, including the proposal for the dissertation.

**GEDS 904 Advanced Research Design (2 credits)**
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. Key concepts include the role of statistics, cautions in using statistics, steps involved in statistical analysis and hypothesis testing, as well as an exploration of qualitative and mixed mode research. 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.

**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 903: 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.

**MCOM 999 Dissertation (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 dissertation 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.

**MCOM/RELG 904 Faith in Mass Communication (2 credits)**
The course offers an insight into the interface between faith and communication. It explores the various kinds of communication from the Bible 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.

**MCPR 922 Public Opinion, Propaganda, and Disinformation (2 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 prophesies 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 & 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 911 International Broadcasting and World Affairs (2 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 921 Advanced Production Techniques: Radio & TV (2 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 922 International News Organisations (2 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 902 Print Media Management and Administration (2 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 931 Economics and Management of Public Relations and Advertising (2 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 932 Public Relations and Advertising Regulations (2 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.

DEPARTMENT OF POLITICAL SCIENCE AND PUBLIC ADMINISTRATION

FACULTY LIST

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<tr>
<th>S/NO</th>
<th>NAME OF ACADEMIC STAFF</th>
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<td>6</td>
<td>Michael A. Oni</td>
<td>Nigerian government &amp; Politics;</td>
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<td>PhD</td>
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### Adjunct Lecturers

**MASTER OF SCIENCE IN POLITICAL SCIENCE (M.Sc. Political Science)**

The M.Sc. Political Science is designed to equip students with broad knowledge in the various areas of specialization in the discipline. These areas are International Relations, Public Administration, Local Government Administration, Defence and Strategic Studies, Peace and Conflict Studies, Law and Diplomacy, Legislative Studies and Comparative Politics.

Generally, the objectives of the course are to:

1. develop high skilled manpower in the discipline of Political Science.
2. prepare students for the kind of research that will lead to further research and not only present research findings.
3. boost the demand of the pool of skilled labour for national development especially within the precinct of the continually growing global challenges.

At the end of the programme, graduates of the course would:

i. Have an in-depth knowledge in a specialized area of Political Science
ii. Be able to initiate, conduct and supervise research in Political Science
iii. Be able to demonstrate leadership quality at managerial level in both private and public sectors.

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<td>Olajumoke Yacob-Haliso</td>
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<td>Gift U. Ntiwunka</td>
<td>Public Administration &amp; Women studies</td>
<td>Public Administration</td>
<td>PhD</td>
<td>Lecturer I</td>
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<tr>
<td>*12</td>
<td>Jacob Fatile</td>
<td>Research Methods &amp; Statistics, Public Administration</td>
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<td>PhD</td>
<td>Senior Lecturer</td>
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<tr>
<td>*13</td>
<td>J. Shola Omotola</td>
<td>Political Science</td>
<td>Political Science</td>
<td>PhD</td>
<td>Senior Lecturer</td>
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<tr>
<td>14</td>
<td>Aaron Ogundiwin</td>
<td>Comparative Politics</td>
<td>Political Science</td>
<td>PhD</td>
<td>Lecturer I</td>
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<tr>
<td>15</td>
<td>Ngozi Nwogwugwu</td>
<td>Public Administration</td>
<td>Political Science</td>
<td>PhD</td>
<td>Lecturer II</td>
</tr>
</tbody>
</table>

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*Adjunct Lecturers*
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.

Admission Requirements
(i) Candidates having a minimum of Second Class lower Division in Political Science from Babcock University or any other recognized University within or outside Nigeria.
(ii) 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:
(a) 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
(b) A minimum of 39 credit hours comprised of the following:
   ▪ Two GEDS courses – 4 credits
   ▪ All core courses – 11 credits
   ▪ A dissertation – 6 credits
   ▪ Electives – 18 credits minimum, of which up to 12 credits will be in the student’s specific area of specialisation
# PROGRAMME STRUCTURE

<table>
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<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>1&lt;sup&gt;ST&lt;/sup&gt; Sem</th>
<th>2&lt;sup&gt;ND&lt;/sup&gt; Sem</th>
<th>3&lt;sup&gt;RD&lt;/sup&gt; Sem</th>
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<td>GEDS 802</td>
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<td>PLSC 802</td>
<td>Issues in African Government and Politics</td>
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<td>PLSC 899</td>
<td>Dissertation</td>
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<td>PLSC 8__</td>
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<td>Elective III</td>
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<td>PLSC 8__</td>
<td>Elective IV</td>
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<td>PLSC 8__</td>
<td>Elective V</td>
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<td>PLSC 8__</td>
<td>Elective VI</td>
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<td><strong>PROGRAM TOTAL = 39 credits</strong></td>
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**List of Electives Available**

***All core and elective courses listed here are 3 credits each***

- PLSC 812 Modern Political Thought
- PLSC 821 Topical Issues in Public Administration
- PLSC 822 Comparative Political Behaviour
- PLSC 823 Approaches for Responding to Violent Conflict
- PLSC 831 ICT in Public Management
- PLSC 832 Foreign Policy Analysis
- PLSC 833 Diplomatic Law, Theory and Practice
- PLSC 841 Management and Organisational Theory
- PLSC 842 Globalisation
- PLSC 843 The “3 Ps” of Peace Thinking and Peace Strategies
- PLSC 851 Contemporary Issues in International Politics
- PLSC 852 Civil Society in Comparative Perspective
- PLSC 853 International Law and International Relations
- PLSC 861 International Relations Theories
- PLSC 862 Topical Issues in Local Government Administration
- PLSC 864 Human Rights Law and Practice in Africa
- PLSC 871 Issues in Federalism and Intergovernmental Relations
- PLSC 874 Comparative Legislative Processes and Practices
- PLSC 881 Defense and Strategic Studies
ELECTIVES GROUPED ACCORDING TO SPECIALIZATION

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 can be contacted for further advice on making appropriate choices.

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>SPECIALIZATIONS AND COURSE TITLES</th>
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<tbody>
<tr>
<td>PLSC 832</td>
<td>INTERNATIONAL RELATIONS</td>
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<td>PLSC 851</td>
<td>Foreign Policy Analysis</td>
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<td>Contemporary Issues in International Politics</td>
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<td>PLSC 881</td>
<td>International Peacekeeping Operations under the United Nations’ Aegis</td>
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<td>PLSC 842</td>
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<td>Management and Organisational Theory</td>
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<td>PLSC 862</td>
<td>Civil Society in Comparative Perspective</td>
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<td>Approaches for Responding to Violent Conflict</td>
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<tr>
<td>PLSC 864</td>
<td>Human Rights Law and Practice in Africa</td>
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**COURSE DESCRIPTIONS**

**GEDS 801: RELIGION, FAITH AND MORALITY** 2 Credits

An in depth opportunity for the graduate student 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.

**PLSC 812** Modern Political Thought

**PLSC 894** Terrorism and Global Security

**PLSC 894** Peace and Conflict Studies

**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** Defense and Strategic Studies

**PLSC 861** International Relations Theories

**PLSC 812** Law and Diplomacy

**PLSC 833** Diplomatic Law, Theory and Practice

**PLSC 853** International Law and International Relations

**PLSC 864** Human Rights Law & Practice in Africa

**PLSC 894** Terrorism and Global Security

**PLSC 832** Foreign Policy Analysis

**PLSC 851** Contemporary Issues in International Politics

**PLSC 861** International Relations Theories

**PLSC 881** Defense and Strategic Studies

**PLSC 884** International Peacekeeping Under the United Nations’ Aegis

**PLSC 821** Legislative Studies

**PLSC 812** Topical Issues in Public Administration

**PLSC 884** 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 891** Comparative Politics

**PLSC 811** Comparative Politics

**PLSC 802** Contemporary Political Analysis

**PLSC 852** Issues in African Government and Politics

**PLSC 871** Civil Society in Comparative Perspective

**PLSC 871** Issues in Federalism and Intergovernmental Relations

**PLSC 832** Foreign Policy Analysis

**PLSC 882** Public Policy Analysis

**PLSC 891** Comparative Politics

**PLSC 822** Comparative Political Behaviour
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, sapling theory or regression, sapling 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

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 801: RESEARCH METHODOLOGY 3 Credits
Consist of all aspects of the research design-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. Parametric and non parametric statistics.

PLSC 812: MODERN POLITICAL THOUGHT 3 Credits
The central focus of the course is built around a consideration of the historical conditions and force which give rise to liberalism as a philosophical movement. Particular attention is given to an examination of the enduring aspects and continuing significance of liberalism, especially in reaction to the socio-economic and political system and conditions in Africa. Emphasis is also given to a consideration of the theoretical nature and significance of dialectical and historical materialism, the state, ideology, religion, class and class struggle, democracy, contradictions, revolution, 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 Bertrend Russell, as well as those radical political thinkers such as Karl Marx and as espoused and applied by Engles, Lenin, Mao-Tse-Tung, Plekhanov and Fidel.

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.
Emphasis is placed on comparative examples from developed and developing countries drawn up for analysis.

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 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, professionalisation of the military, civil society among others.

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 examines the relationship between bureaucrats, technical experts, interest groups and political executive in the policy process.

PLSC 804: GRADUATE SEMINAR 2 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.

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 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 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 841: MANAGEMENT AND ORGANIZATIONAL THEORY 3 Credits
A survey of the major theoretical approaches to the study of organization. Critical review of the contribution of the major organization/administrative theorists. An examination of the analysis of organizations as systems with emphasis on the assessment of their operational effectiveness and efficiency. A discussion of the relevance of organization/administrative theories to public and business administration with special reference to Nigerian and African experience.

PLSC 821: TOPICAL ISSUES IN PUBLIC ADMINISTRATION 3 Credits
Governance, elections and succession to power. Revenue Allocation principles and methods including derivations. Corruption and its Agents to combat corruption. The roles of: EFCC, ICPC and other Security Agents. Development and underdevelopment:-
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.

PLSC 861: INTERNATIONAL RELATIONS THEORIES
3 Credits
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 neo-functionalism, theories of cooperation and integration, decision-making theories, game theory, cybernetics theory, postmodernism, postcolonialism, feminist and gender theory.

PLSC 852: CIVIL SOCIETY IN COMPARATIVE PERSPECTIVE 3 Credits
This course is intended 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 the rule of law and the challenges of privatization for an efficient and effective economy in contemporary Africa.

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, leadership struggles and local government, corruption, the quota system, and the local government will be examined.

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; crisis of relations; effects of these crises on government functions; 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, war and warfare, weapons systems, deterrence, defence technology, terrorism, the globalisation of threats to sovereignty, and related themes will be analyzed.
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 development of diplomacy as a field of study and as a practice of states. Attention will be paid to the contemporary relevance of these.

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 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, inter-state 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, nongovernmental organisation, communities and individuals in relation to the existing international legal regime.

PLSC 874: COMPARATIVE LEGISLATIVE PROCESSES AND PRACTICES 3 Credits
This course will comparatively study legislatures across the world, from West to East, North to South, horizontally and vertically, and across political system types.

PLSC 894: 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 nature, forms, dynamics, types and management of terrorism in the pre-9/11 and post 9/11 global system.

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 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 899 DISSERTATION 6 Credits**

A dissertation of about 20,000 words on related topics in Political science research will be produced by students under the close supervision of one or two members of staff with relevant experience in the area of the student’s selected topic.

**PhD POLITICAL SCIENCE**

**Objectives of the Programme**

The objectives of the PhD programme in Political Science are to:
- Develop high skilled manpower in the discipline of Political Science that can effectively serve the needs of the church and state in administrative and leadership capacity;
- Prepare students for the kind of research that will lead to further research and not only present research findings;
- Boost the demand of the pool of skilled labour for national development especially within the precinct of continually growing global challenges;
- Contribute to the growing need of the national and global societies in developing a corps of peace engineers and researchers;
- Prepare highly skilled professionals of integrity, guided by biblically-based ethos in their service to man and nation; and
- 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.

**Admission Requirements to the Programme**

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 from Babcock
University, or from any other institution recognized by the BU Senate, with at least a CGPA of 60% or 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 55-59.99% 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 who score between 3.0 and 3.49 on a 5.0 scale or 50-54.9% at the MSc/MA may be admitted into the MPhil programme. The MPhil programme shall be for two years, and the MPhil candidate will be expected to complete one year (two semesters) of PhD coursework and in the second year complete an MPhil project. In the second year, the MPhil candidate will be required to also complete at least one elective course each semester. 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. After the successful completion of all requirements for the MPhil, the candidate may proceed directly to the second year of the PhD programme.

4. Since the MPhil at Babcock University prepares candidates for the PhD at Babcock, MPhil holders from other institutions will not be admitted directly into the PhD programme. Such candidates may be considered for other categories of admission.

5. 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.

6. 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 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 amongst other requirements before being admitted into the PhD programme.

7. Candidates admitted conditionally/provisionally into the PhD programme cannot take PhD-level courses until they have satisfied remedial course requirements stipulated for their admission.

8. The Department reserves the right upon the approval of the SPGS 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 two years (four semesters) of coursework in areas related to their chosen specialisation, and then will spend a minimum of one year (two 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 SPGS Board.

Coursework for the PhD shall amount to 42 credits, and the thesis shall amount to 16 credits, for a total of 58 credits. The minimum
# PROGRAMME STRUCTURE

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<tr>
<th>COURSE CODES</th>
<th>COURSE TITLE</th>
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<td>PLSC 903</td>
<td>Seminar in Political Science I: Comparative and National Politics</td>
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List of Electives Available
PLSC 911 Topical Issues in International Politics [+]
PLSC 912 Foreign Policies of World Powers and Africa [+]
PLSC 921 Comparative Public Administration [+]
RELM930 Biblical Perspectives on Religion, Politics and Society [+]
PLSC 941 Current Issues in Peace and Strategic Studies [+]

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In summary, the four (4) foundations courses are already available, as these are shared by all Babcock University PhD programmes. There are nine (9) core courses in the program, including the two (2) “courses” represented by the doctoral thesis. The program includes three (4) elective courses, which are chosen from a pool of nine (9) courses.

Course Descriptions

GEDS 901: PERSONAL AND FAMILY WHOLENESS 2 Credits
The course begins with a study of the theological, historical and ethical perspectives of the family and a Christian assessment of current theories about the family. It further explores personal spiritual development as the centre for individual and family life and professional practice. It emphasizes a balancing of healthy family relationships with professional obligations.

GEDS 902: 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, sapling theory or regression, sapling theory of correlation); tests of hypotheses (the null and the alternative hypothesis, F-test, t-test, X2 test, analysis of variance – one-factor experiment, two-factor experiment); distributions (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); as well as use of SPSS and E-View.

GEDS 904: 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 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.
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 nationalism, colonialism, postcoloniality, development and leadership problems, resource management, ethnicity, 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 903: SEMINAR IN POLITICAL SCIENCE I: COMPARATIVE AND NATIONAL POLITICS 4 Credits
This seminar series addresses topical and contemporary research issues in the major subdivisions of political science. In the doctoral seminar, the student is expected to research specific topics in the area of comparative and national politics, under the guidance of a faculty member. The student will then present his/her findings in formal papers, and discuss these with the class at least four times during the course. This work will be discussed and critiqued by the lecturer and the other students in the course.

PLSC 904: SEMINAR IN POLITICAL SCIENCE II: INTERNATIONAL RELATIONS, LAW & DIPLOMACY AND PEACE & CONFLICT STUDIES 4 Credits
This seminar series addresses topical and contemporary research issues in the major subdivisions of political science. In the doctoral seminar, the student is expected to research specific topics in the area of international relations, diplomacy and peace, and conflict studies, under the guidance of a faculty member. The student will then present his/her findings in formal papers, and discuss these with the class at least four times during the course. This work will be discussed and critiqued by the lecturer and the other students in the course.

PLSC 905: SEMINAR IN POLITICAL SCIENCE III: PUBLIC ADMINISTRATION AND LOCAL GOVERNMENT STUDIES 4 Credits
This seminar series addresses topical and contemporary research issues in the major subdivisions of political science. In the doctoral seminar, the student is expected to research specific topics in the area of public administration and local government studies, under the guidance of a faculty member. The student will then present his/her findings in formal papers, and discuss these with the class at least four times during the course. This work will be discussed and critiqued by the lecturer and the other students in the course.
PLSC 906: SEMINAR IN POLITICAL SCIENCE IV: CONTEMPORARY TRENDS AND ISSUES IN POLITICAL SCIENCE 4 Credits

This seminar series addresses topical and contemporary research issues in the major subdivisions of political science. In the doctoral seminar, the student is expected to research specific topics in the area of public administration and local government studies, under the guidance of a faculty member. The student will then present his/her findings in formal papers, and discuss these with the class at least four times during the course. This work will be discussed and critiqued by the lecturer and the other students in the course.

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.

RELM 930: BIBLICAL PERSPECTIVES ON RELIGION, 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.

**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 peacemaking, peacebuilding, 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-honored 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 analyze 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 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 998: THESIS I  8 Credits

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 rigor 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. Finally, the dissertation must be original. The first part of thesis writing, PLSC 998, 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 in order to proceed to do fieldwork and/or to register for the sequel course, PLSC 999.

PLSC 999: THESIS II  8 Credits

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 post-field seminar report and the examination of the thesis by examiners both internal and external to Babcock University.

MASTER OF PUBLIC MANAGEMENT (MPM)
The MPM – Master in 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

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

At the end of the programme, graduates of the course would:
1. Have an in-depth knowledge in specialized area in Public Management.
2. Be able to conduct and supervise research in Public Management.
3. Be able to demonstrate leadership quality at management level in both private and public sectors.
Admission Requirements
Candidate must 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, B.Sc., B.A., B. Ed., from relevant discipline from either Babcock University, Ilishan Remo of any other recognized Institution.

HND candidate with an Upper Credit pass from an accredited program of study in recognized Polytechnic or professional qualification approved by the Senate with or without attached professional certifications e.g. PGDPA, AIB, ACIS, ACA, (ICAN), ACII, CIPM 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.

Graduation requirements
The 40-credit hours MPM program is designed to develop leaders for public, private and nonprofit organizations and allows for expertise in public management and policy analysis. The 40 credit hours of courses require the completion of 12 hours in core courses, 18 in the areas of specialization, 6 on Project work and 4 General Education courses.

Duration:
Three Semesters

PROGRAMME STRUCTURE

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Law and Public Affairs– Admin Law
Health Services Utilization
The Nigerian Health Care System
Managerial Epidemiology
Health Services Management
Evolution of Criminology Thought and Policy
Criminal Justice Systems
Research Methods in Criminal Justice and Public Affairs
Criminal Justice Planning and Management
Human Resources Management in Nonprofit Organisations
Strategic Management in Public & Nonprofit Organisations
Sustainable Development
Civil Society in Comparative Perspective
Management in Non-Profit Sector

Total: 40

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<td>2) Public Human Resources Management</td>
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<td>5) Ecology of Public Administration</td>
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<td>(b) Health System</td>
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<td>3) The Nigerian Health Care System</td>
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<td>4) Managerial Epidemiology</td>
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<td>5) Health Services Management</td>
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<td>6) Ecology of Public Administration</td>
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<td>(c) Criminal Justice Administration and Policy</td>
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<td>1) Evolution of Criminology Thought and Policy</td>
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<td>2) Criminal Justice System</td>
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<td>3) Research Methods in Criminal Justice and Public Affairs</td>
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NB: Each student is to take three electives (9 credits) per semester to reflect areas of specialization. The student here requires the Head of Department of 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
4) Criminal Justice Planning and Management
5) Seminar on Criminal Justice System

(d) Management of Non-Governmental Organisation (NGOs)
1) Public Human Resources Management
2) Human Resources Management in Non-Profit Orgs.
3) Strategic Management in Public & Non-profit Orgs.
4) Sustainable Development
5) Civil Society in Comparative Perspective
6) Management in Non-Profit Sector
7) Ecology of Public Administration

COURSE DESCRIPTIONS FOR MASTERS IN PUBLIC MANAGEMENT

GEDS 801: RELIGION, FAITH AND MORALITY 2 Credits

An in depth opportunity for the graduate student 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

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, sapling theory or regression, sapling 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

PBMG 841: THEORY OF PUBLIC ORGANIZATIONS 3 Credits

This course covers the intellectual evolution of organization theory and organizational behaviour, the major theoretical and behavioural concepts. It also discusses why bureaucrats behave the way they do, and exposes the students to the inner workings of the public sector.

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.

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 aim is to enable the students apply statistical method in the decision-making process.
PBMG 842: ECOLOGY OF PUBLIC ADMINISTRATION 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.

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 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.

PBMG 852: PUBLIC MANAGEMENT ECONOMICS 3 Credits
The study of modern economic strategies as tools for development in the public sector. 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 would expose students to the formulation, implementation and evaluation of programmes of governments (local, state and federal programmes). It would afford them opportunity to assess and review public programmes, and pass judgments on their socioeconomic, and political contents and relevance.

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.

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.

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 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.
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
Globalization is an all inclusive phenomenon. 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.

PBMG 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
Governance, elections and succession to power, Revenue Allocation principles and methods Including derivations. Corruption, disobedience to rule of law and the challenges of privatization for an efficient and effective economy in contemporary Africa.
- 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.
SCHOOL OF AGRICULTURE & INDUSTRIAL TECHNOLOGY
MASTER OF SCIENCE IN AGRONOMY (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 suitability classification and conservation. This thesis-oriented programme will encapsulate all that the candidates require to attain a high level of competence in the field of plant agriculture 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. The minimum CGPA for graduation shall be 2.50. It consists of course work and a research project. The minimum credit for graduation shall be 44 credit Units distributed as follows;

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>GEDS</td>
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<tr>
<td>RELS 812</td>
<td>3</td>
</tr>
<tr>
<td>Core</td>
<td>27</td>
</tr>
<tr>
<td>Research Project</td>
<td>6</td>
</tr>
<tr>
<td>Electives</td>
<td>4</td>
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<td><strong>Total</strong></td>
<td><strong>44</strong></td>
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</table>
# M Sc. AGRONOMY

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>1st Semester</th>
<th>2nd Semester</th>
<th>3rd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEDS 801</td>
<td>Religion, Faith and Morality</td>
<td>2</td>
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<tr>
<td>GEDS 802</td>
<td>Statistics</td>
<td>-</td>
<td>2</td>
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<tr>
<td></td>
<td><strong>GENERAL COURSES</strong></td>
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<tr>
<td>RELS 814</td>
<td>Creation and Cosmology</td>
<td></td>
<td>3</td>
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</tr>
<tr>
<td>AGRY 803</td>
<td>Advanced Agro Statistics</td>
<td>3</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>AGRY 815</td>
<td>Advanced Cropping Systems</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGRY 816</td>
<td>Principle and Methods of Weed &amp; Pest Management</td>
<td>-</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>AGRY 823</td>
<td>Crop Physiology and Ecology</td>
<td>3</td>
<td>-</td>
<td></td>
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<tr>
<td>AGRY 825</td>
<td>Crop Taxonomy</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>AGRY 834</td>
<td>Advanced Soil Fertility and Plant Nutrition</td>
<td>-</td>
<td>3</td>
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<td>AGRY 833</td>
<td>Advanced Agro-climatology</td>
<td>3</td>
<td>-</td>
<td></td>
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<tr>
<td>AGRY 844</td>
<td>Crop Modeling and Cropping Systems</td>
<td>-</td>
<td>3</td>
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<tr>
<td>AGRY 854</td>
<td>Seminar in Agronomy</td>
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<tr>
<td>AGRY 899</td>
<td>Research Thesis</td>
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<td><strong>CORE COURSES</strong></td>
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<td><strong>ELECTIVE COURSES (Choose ONE per Semester)</strong></td>
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<tr>
<td>AGRY 846</td>
<td>Advanced Soil Analytical Techniques</td>
<td>-</td>
<td></td>
<td>2</td>
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<tr>
<td>AGRY 861</td>
<td>Advanced Soil Mineralogy</td>
<td>2</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>AGRY 862</td>
<td>Recent Advances in Horticulture</td>
<td>-</td>
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<tr>
<td>AGRY 873</td>
<td>Agronomy Research and Computer Applications</td>
<td>2</td>
<td>-</td>
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<tr>
<td>AGRY 872</td>
<td>Advanced Plant Breeding and Genetics</td>
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<td>2</td>
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<tr>
<td>AGRY 882</td>
<td>Biotechnology in Crop Production</td>
<td>-</td>
<td>2</td>
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<tr>
<td>AGRY 891</td>
<td>Agro-forestry Component Interaction</td>
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<td>-</td>
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<td></td>
<td><strong>Total = 44</strong></td>
<td>19</td>
<td>19</td>
<td>6</td>
</tr>
</tbody>
</table>

**Note:** Students must take all core and general courses plus ONE elective during first and second semester reflecting their choice area of specializations thus;

### Elective Courses for Specialized Areas:

(A) **Agronomy**
- AGRY 873 Agronomy Research and Computer Applications
- AGRY 882 Biotechnology in Crop Production

(B) **Agro Forestry**
- AGRY 891 Agro-forestry Component Interaction
- AGRY 882 Biotechnology in Crop Production

(C) **Soil Science**
- AGRY 861 Advanced Soil Mineralogy
- AGRY 882 Biotechnology in Crop Production

(D) **Plant Breeding**
- AGRY 872 Advanced Plant Breeding and Genetics
- AGRY 882 Biotechnology in Crop Production

(E) **Horticulture**
- AGRY 862 Recent Advances in Horticulture
- AGRY 882 Biotechnology in Crop Production
COURSE DESCRIPTION

GEDS 801: RELIGION, FAITH AND MORALITY 2 Credits
An in-depth opportunity for the graduate student 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.

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, sapling theory or regression, sapling 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.

RELS 814: CREATION AND COSMOLOGY 3 Credits

AGRY 803: ADVANCED AGRO STATISTICS 3 Credits

AGRY 815: ADVANCED CROP PRODUCTION 3 Credits

AGRY 816: PRINCIPLE AND METHODS OF WEED AND PEST MANAGEMENT 3 Credits

AGRY 823: CROP PHYSIOLOGY AND ECOLOGY 3 Credits
AGRY 825  CROP TAXONOMY  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, chemonomy, chemo-systematic.

AGRY 834  ADVANCED SOIL FERTILITY AND PLANT NUTRITION  3 Credits

AGRY 833  ADVANCED AGRO-CLIMATOLOGY  3 Credits

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

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
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.

AGRY 872  ADVANCED PLANT BREEDING 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
fixation – symbiotic and asymbiotic rhizobia inoculants production and cultural practices.
Inoculation and fertilization to improve symbiotic N₂ fixation of legumes.

AGRY 891  AGROFORESTRY COMPONENT INTERACTIONS 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
indifferent 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 854  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 899  RESEARCH PROJECT 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

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
  Agricultural Economics and management which are geared towards sustainable
  agriculture and food sufficiency
- Formulate and evaluate appropriate research polices
- 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) The doctoral programme requires a minimum work load of 55 credit units of which 16 credit units are for the thesis, 30 credit units of course work and 9 credit units of seminars. 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 Elongated Module students.

iii) Minimum credits for graduation shall be 55 credit Units distributed as follows:-

<table>
<thead>
<tr>
<th>Course</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELS</td>
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<tr>
<td>GEDS</td>
<td>8</td>
</tr>
<tr>
<td>Seminar</td>
<td>12</td>
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<tr>
<td>Course Work</td>
<td>19</td>
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<tr>
<td>Thesis</td>
<td>16</td>
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<td><strong>TOTAL</strong></td>
<td><strong>58</strong></td>
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## Ph.D. Agronomy (Crop Science Option)

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1st SEM</td>
<td>2nd SEM</td>
<td>1st SEM</td>
</tr>
<tr>
<td>GEDS 901</td>
<td>Personal and Family Wholeness</td>
<td>2</td>
<td>-</td>
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<tr>
<td>GEDS 902</td>
<td>Statistics</td>
<td>-</td>
<td>2</td>
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</tr>
<tr>
<td>GEDS 911</td>
<td>Research Proposal and Writing</td>
<td>2</td>
<td>-</td>
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<tr>
<td>GEDS 912</td>
<td>Advanced Research Design</td>
<td>-</td>
<td>2</td>
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<tr>
<td>RELS 925</td>
<td>Seminar in Religion and Sciences</td>
<td>-</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>AGRI 901</td>
<td>Design and Analysis of Experiments</td>
<td>3</td>
<td>-</td>
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<tr>
<td>CRPT 932</td>
<td>Advanced Crop Production</td>
<td>-</td>
<td>3</td>
<td></td>
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<tr>
<td>CRPT 908</td>
<td>Crop Ecology</td>
<td>-</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CRPT 933</td>
<td>Production Technology of Plantation Crops</td>
<td>3</td>
<td>-</td>
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<tr>
<td>CRPT 941</td>
<td>Topical Research</td>
<td>3</td>
<td>-</td>
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<tr>
<td>CRPT 914</td>
<td>Seminar I: Review on Soil Fertility</td>
<td>-</td>
<td>3</td>
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<tr>
<td>CRPT 915</td>
<td>Seminar II: Review on Agro Biotechnology</td>
<td>-</td>
<td>-</td>
<td>3</td>
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<tr>
<td>CRPT 916</td>
<td>Seminar III: Climate Change &amp; Crop Production</td>
<td></td>
<td>3</td>
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<tr>
<td>CRPT 918</td>
<td>Seminar IV: Crop Pest Management Techniques</td>
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<td>3</td>
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<tr>
<td>CRPT 999</td>
<td>Research Dissertation</td>
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<td>-</td>
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<tr>
<td>CRPT 951</td>
<td>Mineral Nutrition of Plants</td>
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<td>-</td>
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<tr>
<td>CRPT 952</td>
<td>Crop Physiology</td>
<td>-</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CRPT 962</td>
<td>Principles of Seed Technology</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRPT 961</td>
<td>Agro Climatology</td>
<td>2</td>
<td>2</td>
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<tr>
<td><strong>Total</strong></td>
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<td>15</td>
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<td>6</td>
</tr>
</tbody>
</table>

- Take all the courses from the cognate courses in the first and second semesters and one each in each semester for the elective courses after due consultation with the HOD or departmental PG Coordinator.

### COURSE DESCRIPTION

**GEDS 901: PERSONAL AND FAMILY WHOLENESS**  
2 Credits  
The course begins with a study of the theological, historical and ethical perspectives of the family and a Christian assessment of current theories about the family. It further explores personal spiritual development as the centre for individual and family life and professional practice. It emphasizes a balancing of healthy family relationships with professional obligations.

**GEDS 902: 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, sapling theory or regression, sapling theory of correlation); Test of Hypothesis (the null and the alternative hypothesis, F-test, 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, Kruskal-Wallis H Test, H test corrected for ties); Use of SPSS

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 proposal for research grants and fellowships.

GEDS 912: ADVANCED RESEARCH DESIGN 2 Credits
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 endeavour is stressed.

RELS 925: SEMINAR IN RELIGION AND SCIENCES 3 Credits
Exploration of the interfaces between religion and sciences with attention to the religious origins of modern science, the similarities and contrasts between scientific and religious inquiry, and the particular challenges that sciences pose for religious beliefs. A research paper is required.

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 CROP ECOLOGY 3 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 3 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 CROP PHYSIOLOGY 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 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 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 humanidit transpiration, evaporation and evapotranspiration; carbon dioxide balance and photosynthesis, improvement of water use efficiency; modification of the microclimate in crop production.

CRPT 941 TOPICAL RESEARCH 3 Credits
Students prepare, present, and discuss Special topics in any aspect relating to their specialization.

CRPT 914 Seminar I 3 Credits
Review on Soil Fertility

CRPT 915 Seminar II 3 Credits
Review on Agro Biotechnology

CRPT 916 Seminar III 3 Credits
Climate Change & Crop Production

CRPT 918 Seminar IV 3 Credits
Crop Pest Management Techniques

CRPT 999 RESEARCH DISSERTATION 16 Credits
Ph.D. Agronomy (Soil Science Option)
<table>
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<td>GEDS901</td>
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<td>RELS 925</td>
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<td>AGRI 901</td>
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<td>CRPT 914</td>
<td>Seminar I : Review on Soil Fertility</td>
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<td>SOSC 999</td>
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<td>Soil Microbiology and Biochemistry</td>
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<td>Agro Climatology</td>
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<td>6</td>
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<td>16</td>
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- Take all the courses from the cognate courses in the first and second semesters and one each in each semester for the elective courses after due consultation with the HOD or departmental PG Coordinator.
COURSE DESCRIPTION

GEDS 901: PERSONAL AND FAMILY WHOLENESS  
2 Credits
The course begins with a study of the theological, historical and ethical perspectives of the family and a Christian assessment of current theories about the family. It further explores personal spiritual development as the centre for individual and family life and professional practice. It emphasizes a balancing of healthy family relationships with professional obligations.

GEDS 902: 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, sapling theory or regression, sapling theory of correlation); Test of Hypothesis (the null and the alternative hypothesis, F-test, 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, Kruskal-Wallis H Test, H test corrected for ties); Use of SPSS

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 proposal for research grants and fellowships.

GEDS 912: ADVANCED RESEARCH DESIGN  
2 Credits
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 endeavour is stressed.

RELS 925: SEMINAR IN RELIGION AND SCIENCES  
3 Credits
Exploration of the interfaces between religion and sciences with attention to the religious origins of modern science, the similarities and contrasts between scientific and religious inquiry, and the particular challenges that sciences pose for religious beliefs. A research paper is required.

SOSC 903 SOIL CHEMISTRY AND NUTRIENT AVAILABILITY  
3 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  
3 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 humanidity, 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.

CRPT 921 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 humanidity, transpiration, evaporation and evapotranspiration; carbon dioxide balance and photosynthesis, improvement of water use efficiency; modification of the microclimate in crop production.

SOSC 931 TOPICAL RESEARCH  
3 Credits
Students prepare, present, and discuss Special topics in any aspect relating to their specialization

CRPT 914 Seminar I
Review on Soil Fertility

CRPT 915 Seminar II
Review on Agro Biotechnology

CRPT 916 Seminar III
Climate Change & Crop Production

CRPT 918 Seminar IV
Crop Pest Management Techniques

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Postgraduate 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.

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 deficiency.
2. Formulate and evaluate appropriate research policies
3. Assume Leadership role in academic and research while working within minimal supervision
4. Show competence in communication scientific findings.

ADMISSION REQUIREMENT

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 2^2). 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 Agricultural Economics shall last for 3 semesters. The minimum CGPA for graduation shall be 2.50. It consists of course work and a research project. The minimum credit for graduation shall be 39 credit Units distributed as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>GEDS</td>
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<tr>
<td>Core</td>
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<td>Seminar</td>
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<td>Research Project</td>
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M.Sc. Agric Economics

<table>
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<tr>
<th>COURSE CODE</th>
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<th>3rd Semester</th>
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<tr>
<td>GEDS 801</td>
<td>Religion, Faith and Morality</td>
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<tr>
<td>GEDS 802</td>
<td>Statistics</td>
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<tr>
<td>AGEM 803</td>
<td>Statistical Theory and Analysis</td>
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<tr>
<td>AGEM 805</td>
<td>Micro Economic Theory &amp; Analysis</td>
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<td>AGEM 806</td>
<td>Macro Economic Theory &amp; Analysis</td>
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<td>AGEM 807</td>
<td>Research Methods &amp; Design</td>
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<td>AGEM 863</td>
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<td>AGEM 899</td>
<td>Thesis Research</td>
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**GENERAL COURSES**

**CORE COURSES**

**ELECTIVE COURSES**

| AGEM 812    | Use of Computer in Research           |              |              | 2            |
| AGEM 821    | Econometrics                          | 2            |              |              |
| AGEM 822    | Quantitative Methods                  | 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 & Cooperatives |              |              | 2            |
| AGEM 861    | Agricultural Development and Policy   | 2            |              |              |
| AGEM 862    | Project Appraisal and Planning        |              | 2            |              |
| **Total**   | 17                                   | 17           | 6            |
Note: Students must take all core and general courses plus as 3 electives to add up to 17 and 16 credits for first and second semesters reflecting their choice of specializations totaling 39 credit hours for Masters in Agricultural Economics.

COURSE DESCRIPTION

(GEDS 801) RELIGION, FAITH AND MORALITY  2 Credits
An in-depth opportunity for the graduate student 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.

(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 corrected for ties); Use of SPSS.

RELS 812: CREATION AND COSMOLOGY  3 Credits

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 805 MICRO ECONOMIC THEORY & ANALYSIS  3 Credits
Micro-Statics and Micro Economic Theory; price and distribution theory, theory of production and the theory of consumer behaviour General equilibrium analysis, factor market equilibrium and the exchange economy. Fundamentals of welfare economics

AGEM 806 MACRO-ECONOMIC THEORY & ANALYSIS  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, theories of technical progress, welfare theory the macro and disaggregated general equilibrium system.

AGEM 807 RESEARCH METHODS & DESIGN  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; data generation, data analysis and result reporting.

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AGEM 812 USE OF COMPUTER RESEARCH 2 Credits
Introduction to techniques of computer programming, the nature and structure of computer oriented techniques for data handing.

(AGEM 821) ECONOMETERICS 2 Credits

(AGEM 822) QUANTITATIVE METHODS 2 Credits
Linear, non-linear, dynamic and integer programming, net work analysis, Inventory and Production Control, Decision Analysis, transportation models, replacement models, queue models. Input-output analysis, simulation and system analysis.

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 of forest resources, 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 and modern principle of trade offer curves and terms of trade. Principles of comparative advantage and its limitations. A study of Nigerian agricultural trade relationship to the developed and other 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 APPRAISAL AND PLANNING  2 Credits
Meaning of projects appraisal, relationship between appraisal and planning; He 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 863 SEMINAR IN AGRICULTURAL ECONOMICS  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 student’s supervisor. The seminars would be assessed by all lecturers.

AGEM 899 RESEARCH THESIS  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.
Ph.D AGRICULTURAL ECONOMICS

PHILOSOPHY

Postgraduate 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.

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 deficiency.
2. Formulate and evaluate appropriate research policies.
3. Assume leadership role in academic and research while working within minimal supervision.
4. Show competence in communicating scientific finding.

Admission Requirements for Ph.D:

The duration of the programme is a minimum of 6 semesters and maximum 8 semesters for full time students; minimum of 6 semesters and maximum of 10 semesters for Elongated Module students.

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%. 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) The doctoral programme requires a minimum work load of 55 credits unit of which 16 credit units are for the thesis, 24 credit units of course work and 16 units of seminars. 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 postgraduate 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 6 semesters and maximum of 10 semesters for the Elongated Module students.

iii) Minimum credits for graduation shall be 62 credit units distributed as follows:-

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<td>GEDS 901</td>
<td>Personal and Family Wholeness</td>
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<td>Research Proposal and Writing</td>
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<td>GEDS 912</td>
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<td>RELS 923</td>
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<td>AGEM 901</td>
<td>Statistics and Sampling Methods</td>
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<td>AGEM 910</td>
<td>Advanced Micro Economic Theory</td>
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<td>AGEM 913</td>
<td>Advanced Micro Economic Theory</td>
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<td>AGEM 914</td>
<td>Seminar II: Seminar and Reading in Quantitative Methods</td>
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<tr>
<td>AGEM 915</td>
<td>Seminar I: Proposed Theoretical &amp; Conceptual Framework</td>
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<tr>
<td>AGEM 916</td>
<td>Seminar IV: Data Collection, Processing and Analysis</td>
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<tr>
<td>AGEM 917</td>
<td>Seminar III: Research Instrument Design</td>
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<td>AGEM 999</td>
<td>Research Dissertation</td>
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<td>ELECTIVE COURSES</td>
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<td>AGEM 922</td>
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<td>AGEM 941</td>
<td>Agricultural Administration</td>
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<td>Nigeria Government and Agriculture</td>
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<td>AGEM 951</td>
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<td>System Analysis and Simulation</td>
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</table>

**NOTE:** Candidates must take at least three electives in the first and second semesters. They may also transfer up to 4 credit units relevant to the programme from the M.Sc. level.

**COURSE DESCRIPTION**

**GEDS 901: PERSONAL AND FAMILY WHOLENESS**  
2 Credits  
The course begins with a study of the theological, historical and ethical perspectives of the family and a Christian assessment of current theories about the family. It further explores personal spiritual development as the centre for individual and family life and professional practice. It emphasizes a balancing of healthy family relationships with professional obligations.

**GEDS 902: 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, sapling theory or regression, sapling 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 corrected for ties); Use of SPSS.

**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 proposal for research grants and fellowships.

**RELS 923: SEMINAR IN RELIGION AND SCIENCES**  
3 Credits  
Exploration of the interfaces between religion and sciences with attention to the religious origins of modern science, the similarities and contracts between scientific inquiry, and the particular challenges that sciences pose for religious beliefs. A research paper is required.
GEDS 912: ADVANCED RESEARCH DESIGN  
Credits
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 endeavour is stressed.

AGRIC 901 STATISTICS AND SAMPLING METHODS  
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, simple random sampling cluster sampling and double sampling. Source of error in surveys and applications of sampling in some selected specialized surveys.

AGEM 910 ADVANCED MACRO ECONOMICS THEORY  
Credits
Presentation of the main body of aggregative economic theory, including theory of money, capital, general equilibrium dynamic process, and growth.

AGEM 913 ADVANCED MICRO ECONOMICS THEORY  
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 914 SEMINAR II: SEMINAR AND READING QUANTITATIVE METHODS  
Credits

AGEM 915 SEMINARS I: PROPOSED THEORETICAL AND CONCEPTUAL FRAME WORK  
Credits

AGEM 916 SEMINAR IV: DATA COLLECTION, PROCESSING AND ANALYSIS  
Credits

AGEM 917 SEMINAR II: FIELD RESEARCH INSTRUMENT DESIGN  
Credits

AGEM 911 FARM DECISION THEORY  
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 produced 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, secondary production analyses and their economic problems-processing of agricultural products, case studies of Nigerian peasant farming, plantations and commercial farming systems. Economics of tapping and utilizing earth resources.

AGEM 921  ADVANCED RESOURCES ECONOMICS  2 Credits
Analytical framework for demand and supply of farm resources; planning for farm resourced development and uses; shadow pricing and some technical aspects of farm resources development and uses; shadow pricing and some technical aspects of farm land development and 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. Organisational pattern and criteria for organisational effectiveness. Planning and decision making and the use of operations management techniques in agribusiness research and also case studies.

AGEM 931  MARKETING MANAGEMENT  2 Credits
Integrated analysis of major marketing decisions including product, pricing, advertising, distribution, and sales forces 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 organisation. Cooperative development historically and the place of cooperatives in various cooperate environments indicating the potentials and limitations of cooperatives. The importance of cooperation in economic development.

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; theory of graphs and combinations, general and special algorithms, discrete, stochastic non-linear and dynamic programming, duality and economic interpretation, computer programming.

AGEM 961  SYSTEM ANALYSIS AND SIMULATION 2 Credit
Simulation modeling, random number generation, simulation and Monte Carlo analysis; continuous and discrete process generators, empirical data in process generation, simulator validation. Design and analysis of simulation experiments. Application of simulation and simulation languages.
SCHOOL OF BASIC AND APPLIED SCIENCES
DEPARTMENT OF BIOSCIENCES AND BIOTECHNOLOGY

MASTERS OF SCIENCE IN MICROBIOLOGY (M.Sc. 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 student 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 underlying the areas of specialization in the Department of Biosciences and Biotechnology 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 recruitments.

The Department of Biosciences and Biotechnology therefore offers programmes leading to the degree of Master of Science (M.Sc).

M. Sc Microbiology

This programme shall last for Three Semesters

a) Admission Requirements

(i) Admission is open to holders of Bachelors 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 such as 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) Candidates with Higher National Diploma may apply, provided such candidates took relevant courses in Microbiology and offered and possesses an additional degree in Postgraduate Diploma in relevant field.

(iii) Candidates may be required to undergo a selection process, that is, candidates without background in Microbiology may be required to remedy and audit some courses at the lower levels.

(ii) Other details relating to admission requirements are as given in the General Regulations of the School of Postgraduate Studies.
b) **Graduation requirements**

To obtain the M. Sc in Microbiology, a candidate must take and pass a minimum of 36 units of courses made up as follows:

(i) 4 units of general education requirements  
(ii) 23 units of compulsory courses from the 800 level courses available  
(iii) At least 3 additional units from the optional courses available  
(iv) Candidates must also take the 6 units of compulsory research project

**PROGRAMME STRUCTURE**

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>1ST SEMESTER</th>
<th>2ND SEMESTER</th>
<th>3RD SEMESTER</th>
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<tr>
<td>GEDS 801</td>
<td>Religion, Faith and Morality</td>
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<td>GEDS 802</td>
<td>Statistics</td>
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<td>MBIO 801</td>
<td>Advanced General Microbiology</td>
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<tr>
<td>MBIO 811</td>
<td>Advanced Microbial Physiology &amp; Biochemistry</td>
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<tr>
<td>MBIO 863</td>
<td>Advanced Experimental Microbiology</td>
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<td>MBIO 804</td>
<td>Advanced Microbial Genetics</td>
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<td>MBIO 812</td>
<td>Advanced Industrial Microbiology &amp; Biotechnology</td>
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<td>MBIO 864</td>
<td>Advanced Microbial Ecology</td>
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<td>MBIO 866</td>
<td>Advanced Microbiological Research Techniques</td>
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<td>MBIO 852</td>
<td>Seminar</td>
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<tr>
<td>MBIO 899</td>
<td>Research Project*</td>
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<tr>
<td>MBIO 806</td>
<td>Advanced Food Microbiology</td>
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<td>MBIO 821</td>
<td>Advanced Mycology</td>
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<td>MBIO 831</td>
<td>Advanced Virology</td>
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<td>MBIO 841</td>
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<td>MBIO 851</td>
<td>Advanced Environmental Microbiology</td>
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<td>MBIO 865</td>
<td>Antimicrobial Agents and Chemotherapy</td>
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<tr>
<td>MBIO 808</td>
<td>Advanced Plant Pathology</td>
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<tr>
<td>MBIO 822</td>
<td>Advanced Pathogenic Bacteriology</td>
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<td>MBIO 832</td>
<td>Advanced Immunology &amp; Immunoochemistry</td>
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<tr>
<td>MBIO 842</td>
<td>Advanced Soil Microbiology</td>
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<td><strong>Total</strong></td>
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<td><strong>26</strong></td>
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</table>
*Choose from the Compulsory and elective courses to make up total credit required for each semester as indicated in the table. The HOD and Departmental PG Coordinator assistance in selecting the right combination is crucially important. Note that research topics are to be concluded in the 1st semester. The students are expected to pick/choose at least 6 units of electives per semester.

**COURSE DESCRIPTION**

**GEDS 801**  RELIGION, FAITH AND MORALITY  2 Units
An in-depth opportunity for the graduate student 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.

**GEDS 802**  STATISTICS  2 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, sapling theory or regression, sapling 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

**MBIO 801**  ADVANCED GENERAL MICROBIOLOGY  2+0+3 (3 units)
Detailed aspects of the culture, isolation, classification, characteristics, and characterization, of bacteria, fungi and viruses that are of importance to plants and animals (including man). In-depth study of major groups of viruses in human, their replication, host range, pathogenesis, immunology and epidemiology.

**MBIO 811**  ADVANCED MICROBIAL PHYSIOLOGY AND BIOCHEMISTRY  2+0+3 (3 units)

**MBIO 812**  ADVANCED INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY  2+0+3 (3 units)
Microorganisms involved in industrial processes: characteristics, sources and their large-scale production. Fermenters. Industrial production and applications of microbial products such as enzymes, antibiotics, vitamins, organic acids, alcohols, etc. Yeast technology, mushroom technology, single-cell protein. Biomass and energy production. Distribution, role and significance of microorganisms in foods; food spoilage and preservation. Theory and practice of quantitative analysis of foods. Quality control of industrial products.

**MBIO 821**  ADVANCED MYCOLOGY  2+0+3 (3 units)

**MBIO 822 ADVANCED PATHOGENIC BACTERIOLOGY 2+0+3 (3 units)**

**MBIO 831 ADVANCED VIROLOGY 2+0+3 (3 units)**

**MBIO 832 ADVANCED IMMUNOLOGY & IMMUNOCHEMISTRY 2+0+3 (3 units)**

**MBIO 841 ADVANCED EPIDEMIOLOGY 2+0+3 (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 2+0+3 (3 units)**

**MBIO 851 ADVANCED ENVIRONMENTAL MICROBIOLOGY 2+0+3(3 units)**
Concepts and components of the microbial community. Microbial biogeography, biogeochemistry of elements and microbial transformations. Biogeochemical cycles. 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 852  SEMINAR IN MICROBIOLOGY  0+2+0 (2 units)
One seminar would be required at the beginning of the student’s research. Seminar topics are to be selected in consultation with the student’s supervisor. The seminars would be assessed by all lecturers.

MBIO 864  ADVANCED MICROBIAL ECOLOGY  2+0+3 (3 units)

MBIO 866  ADVANCED MICROBIOLOGICAL RESEARCH TECHNIQUES  0+0+6 (3 units)
The student is expected to spend the first few weeks in attachment, for a few days at a time, to the various laboratories in the department learning the microbiology techniques and uses of instrumentation peculiar to different areas of study. Statistical analysis

MBIO 865  ANTIMICROBIAL AGENTS AND CHEMOTHERAPY  2+0+3 (3 units)

MBIO 863  ADVANCED EXPERIMENTAL MICROBIOLOGY  0+0+6 (3 units)
A short-term experimental project in the areas such as Mycology, Microbial physiology, Environmental Microbiology and Bacteriology. For this purpose a student will be assigned to a member of staff other than his/her supervisor for this course.

MBIO 808  ADVANCED PLANT PATHOLOGY  2+0+3 (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 806  ADVANCED FOOD MICROBIOLOGY  2+0+3 (3 units)
Overview of the roles of microbes in food production and spoilage. Overview of food chemistry. Food fermentation and preservation techniques. Food safety: food-borne diseases, microbial contamination of foods with special emphasis on mycotoxinogenic fungi, pesticides and food additives. Microbial source tracking. Quality standards in food. Roles of regulatory agencies in food monitoring.

MBIO 804  ADVANCED MICROBIAL GENETICS  2+0+0 (3 units)
by mass spectrometry and data base searching SNPs. Biological sequence data bases and bioinformatics resources tools.

MBIO 899  THESIS RESEARCH  
0+0+18 (6 units) 
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 defence of research proposal, execution of research work and oral defence are as stipulated in the general regulations of the School of Postgraduate Studies.

**AVAILABLE FACULTY, QUALIFICATIONS AND RANK**

<table>
<thead>
<tr>
<th>NAME OF ACADEMIC STAFF</th>
<th>AREA OF SPECIALIZATION</th>
<th>DISCIPLINE</th>
<th>QUALIFICATION</th>
<th>RANK</th>
</tr>
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<tbody>
<tr>
<td>Babatunde E. ESAN</td>
<td>Botany and Biotechnology</td>
<td>Developmental Botany</td>
<td>Ph.D, M.Sc., B.Sc.,</td>
<td>Professor</td>
</tr>
<tr>
<td>Olusola K. OGUNWENMO</td>
<td>Biosystematics &amp; Evolution, Cytogenetics &amp; Genetic Engineering, Environmental Pollution &amp; Impact Assessment</td>
<td>Biosystematics &amp; Evolution</td>
<td>Ph.D, M.Sc., B.Sc</td>
<td>Professor</td>
</tr>
<tr>
<td>*Vincent W. OGUNDERO</td>
<td>Industrial/ Microbiology, Microbial Physiology/Biochemistry</td>
<td>Microbiology</td>
<td>Ph.D, B.Sc</td>
<td>Professor</td>
</tr>
<tr>
<td>Stephen O. FAPOHUNDA</td>
<td>Industrial Microbiology/Mycotoxicology</td>
<td>Microbiology</td>
<td>Ph.D, B.Sc</td>
<td>Professor</td>
</tr>
<tr>
<td>Otunola A. ADEDAYO</td>
<td>Medical &amp; Microbiology/Biotechnology</td>
<td>Microbiology</td>
<td>Ph.D, M.Sc, B.Sc.</td>
<td>Professor</td>
</tr>
<tr>
<td>Isaac O. OYEWOLE</td>
<td>Parasitology, Bioinformatics and Vector Biology</td>
<td>Cellular Parasitology &amp; Entomology</td>
<td>Ph. D, M.Sc., B.Sc.</td>
<td>Associate Professor</td>
</tr>
<tr>
<td><strong>Gbolagade O. JONATHAN</strong></td>
<td>Microbiology</td>
<td>Mycology/ Applied Microbiology</td>
<td>Ph.D, M.Sc., B.Sc.</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>*Samuel A. AFOLABI</td>
<td>Medical &amp; Microbiology/Biotechnology</td>
<td>Microbiology/Biotechnology</td>
<td>Ph.D, M.Sc., B.Sc.</td>
<td>Associate Professor</td>
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<tr>
<td>1</td>
<td>Abolanle AKEREDOLU</td>
<td>HND Science Laboratory; PGD Food Technology</td>
<td>Principal Lab. Technologist</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Precious C. KANU</td>
<td>HND Sec. Administration</td>
<td>Dept. Secretary</td>
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</tr>
<tr>
<td>3</td>
<td>Faith U. NWADIKE</td>
<td>HND Microbiology</td>
<td>Lab. Technologist</td>
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</tr>
<tr>
<td>4</td>
<td>Folashade A. ANIYIKAYE</td>
<td>B.Tech Microbiology</td>
<td>Lab. Technologist</td>
<td></td>
</tr>
</tbody>
</table>

* Sabbatical Appointment  
** Adjunct
BABCOCK UNIVERSITY
COLLEGE OF HEALTH AND MEDICAL SCIENCES
BENJAMIN S. CARSON (SNR.) SCHOOL OF MEDICINE
DEPARTMENT OF BIOCHEMISTRY

POST GRADUATE CURRICULUM IN BIOCHEMISTRY

STAFF LIST

<table>
<thead>
<tr>
<th>NAME OF ACADEMIC STAFF</th>
<th>AREA OF SPECIALIZATION</th>
<th>DISCIPLINE</th>
<th>QUALIFICATION</th>
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<tr>
<td>Adebawo, O. O.</td>
<td>Nutritional Biochemistry and Food Biotechnology</td>
<td>Biochemistry</td>
<td>PhD, M.Sc., B.Sc.</td>
<td>Professor</td>
</tr>
<tr>
<td>Onajobi, F. D.</td>
<td>Lipids and Membranes</td>
<td>Biochemistry</td>
<td>PhD, B.Sc.</td>
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<td>Osilesi, O.</td>
<td>Nutritional Biochemistry</td>
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<td>Esan, E. B.</td>
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<td>Immunology/Protein Biochemistry</td>
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<td>Professor</td>
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<td>Onigbinde, A.</td>
<td>Analytical Chemistry</td>
<td>Analytical Chemistry</td>
<td>PhD, M.Sc. B.Sc.</td>
<td>Associate Professor</td>
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BRIEF HISTORY OF THE DEPARTMENT

The Department of Biochemistry at Babcock University was formally inaugurated on 1st July, 2011 as one of the departments in the Benjamin S. Carson (Snr.) School of Medicine. Although the B.Sc. degree in Biochemistry is one of the foundation degree programs introduced at the inception of academic activities at Babcock University in September 1999, it made a voyage round a number of departments before finally berthing at the newly created Department of Biochemistry which hopefully will be its final resting place. It was first housed in the defunct Department of Basic and Applied Sciences. Due to restructuring exercise in the School of Science and Technology in 2008, the program was transferred to the Department of Chemical and Environmental Sciences where it remained until the recent establishment of the Biochemistry Department.

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 qualitative scientific investigation towards the exploration and understanding of the chemical basis of life processes. We are committed to the:

- development of the physical, mental and spiritual powers to make the right decision and exercise God’s given free choice and will, reflective of patterned synergies of faith and learning processes.
- realization of the limitation of science as in all matters of ‘physics’, and beyond physics, ‘metaphysics’, the appreciation and full awareness of the unlimited, omniscience CREATOR in control of the universe.
• acquisition of scientific skills and ethics relevant to modern industry anchored on conviction and spirit-filled obligation to the CREATOR for selfless service to humanity, transformation of society and enhancement of national growth.

PHILOSOPHY
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.

OBJECTIVES
The objectives of the postgraduate programme in Biochemistry are:

1. To produce high level man power in biochemistry through the acquisition of requisite skills and knowledge, for national development.

2. To develop in biochemistry graduates a sense of inquiry, capacity for independent research and motivation to extend the frontiers of science and technology for relevance in the global knowledge economy.

3. To produce graduates who are capable of applying appropriate biochemical principles for solving problems for the promotion of human well being.

4. To produce manpower with optimal competencies and skills to function effectively in the academia and the private sector.

5. To promote the awareness that the application of biochemical knowledge may be both beneficial and detrimental to the individual, the society and the environment and therefore, encourage efficient and safe practice of biochemistry;

6. To direct the minds of students to the source of all true mission and knowledge - Jesus Christ - in consonance with the role of SDA higher education in both our Union and Division.

Program Design
Course work includes core courses which are designed to teach or expose students to specific courses and optional courses in specialized areas such as nutrition, toxicology and molecular biology and biotechnology.

This is with a view to develop students through exposure in each of these specialized and optional courses, by seminar presentation and submission of dissertation.

(i) Industrial visit and field trips: Students enrolled for PhD shall be exposed to about 10 hours industrial visits to relevant research institutes for cognate experience in the optional areas of curriculum/specialization chosen by the students.

The field trips/study is mandatory to every student to ensure practical applications of taught courses and experience acquired during industrial attachment.
(ii) **Exchange Programme**: Before the expiration of course work, the students are expected to carry out detail assessment study of the impact of domicile industries within and outside of the university location.

**M. Sc Biochemistry**

This programme shall last for 3 Semesters minimum.

**Admission Requirements:**

Admission is open to holders of Bachelor’s degree in Biochemistry of Babcock University or other approved universities with at least a second class lower.

Candidates may be required to undergo a selection process, as approved by the School of Postgraduate Studies.

**Conditional Admission:**

Conditional admission to M.Sc. program could be granted when the applicant, brings a Bachelor’s degree in a related area. Such candidates must audit courses from the BSc Biochemistry courses (number of units and duration to be determined by the Department in agreement with BU SPGS) 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 to be admitted 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 MSc in Pure Biochemistry, a candidate must take and pass with a C grade in all the courses of 43 units made up as follows:

(i) 2 units of general education courses at 800 level, 35 units of core & required courses from the 800 level courses which must include the research project and

(ii) 6 units of electives.

b) To obtain MSc in Medical Biochemistry, a candidate must take and pass with a C grade in all the courses of 49 units made up as follows:

(i) 2 units of general education courses at 800 level, 41 units of core & required courses from the 800 level courses which must include the research project and

(ii) 6 units of electives.
<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>1&lt;sup&gt;ST&lt;/sup&gt; SEM</th>
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<th>3&lt;sup&gt;RD&lt;/sup&gt; SEM</th>
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<tr>
<td>GEDS 801</td>
<td>GENERAL REQUIREMENT: Religion, Faith and Morality</td>
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<tr>
<td>BCHM801</td>
<td>Intermediary Metabolism</td>
<td>3</td>
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<tr>
<td>BCHM 802</td>
<td>Clinical Biochemistry</td>
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<tr>
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<td>Adv. In Mol. Biol. &amp; Genetic Eng.</td>
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<tr>
<td>BCHM807</td>
<td>Advanced Enzymology</td>
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<tr>
<td>BCHM809</td>
<td>Nutritional Biochemistry</td>
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<tr>
<td>BCHM817</td>
<td>ICT and Research Methodology in Biochemistry</td>
<td></td>
<td></td>
<td>3</td>
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<td>BCHM 822</td>
<td>Biochemistry</td>
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<tr>
<td>BCHM829</td>
<td>Biotechnology and Entrepreneurship</td>
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<td></td>
<td>Research Project</td>
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<td>Research Techniques in Biochemistry</td>
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<td>BCHM805</td>
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<td>BCHM 817</td>
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<td>TOTAL OF 43 UNITS REQUIRED FOR GRADUATION</td>
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**ELECTIVES**

- BCHM 818  | Bioactive Compounds | 3 Units
- BCHM811 | Biophysics & Biomembranology | 3
- BCHM812 | Industrial Biochemistry & Biotech | 3
- BCHM824 | Advances in Drug Metabolism | 3
- BCHM 816 | Advanced Immunochemistry | 3
M.Sc. Medical Biochemistry
The programme is designed for medically qualified students or students from allied fields who wish to specialize in Biochemistry. This programme shall last for 3 Semesters

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>1(^{st}) SEM</th>
<th>2(^{nd}) SEM</th>
<th>3(^{rd}) SEM</th>
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<td>Clinical Biochemistry</td>
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</tr>
<tr>
<td>BCHM 818</td>
<td>Biophysics &amp; Biomembranology</td>
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<td>3</td>
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<td>BCHM 824</td>
<td>Advances in Drug Metabolism</td>
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<tr>
<td>BCHM 814</td>
<td>Biochemical Oncology</td>
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<td>BCHM 816</td>
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<td>BCHM899</td>
<td>Research Project</td>
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<td>ICT and Research Methodology</td>
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<td>ELECTIVES - Any 2 courses</td>
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TOTAL OF 49 UNITS REQUIRED FOR GRADUATION

ELECTIVES (At least 6 units must be selected from the elective courses below)

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<tr>
<th>COURSE CODE</th>
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<td>BCHM 825</td>
<td>Clinical Pharmacokinetics</td>
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<tr>
<td>BCHM 826</td>
<td>Advance Neurochemistry</td>
<td>3</td>
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<tr>
<td>BCHM 827</td>
<td>Bioinformatics</td>
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<tr>
<td>BCHM 828</td>
<td>Genomics and Proteomics</td>
<td>3</td>
</tr>
<tr>
<td>BCHM 831</td>
<td>Biochemical Aspects of Nuclear Medicine</td>
<td>3</td>
</tr>
</tbody>
</table>
COURSE DESCRIPTION

GEDS 801: RELIGION, FAITH AND MORALITY 2 Units
An in-depth opportunity for the graduate student 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.

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 anemia. 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 anemia. 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 803 RESEARCH TECHNIQUES IN BIOCHEMISTRY 2 Units
Gradient centrifugation and ultracentrifugation, immunochemical techniques: Immuno-diffusion, 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 uv, vis, fluorescence) applications to macromolecular structures.

BCHM 804 SEMINARS SERIES 2 Units
Candidate will be required to make at least 2 seminar presentations and produce a term paper on selected topic of interest by a supervisor.

BCHM 805 BIOSTATISTICS 2 Units

207
BCHM 806  ADVANCES IN MOLECULAR BIOLOGY AND GENETIC ENGINEERING  
3 Units

BCHM 807  ADVANCED ENZYMODOLOGY  
3 Units

BCHM 808  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 809  NUTRITIONAL BIOCHEMISTRY  
3 Units

BCHM 811  BIOMEMBRANES  
3 Units

BCHM 812  INDUSTRIAL BIOCHEMISTRY &BIOTECHNOLOGY -  
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. Production biotechnology. Quality control and assurance; the public analysts; analytical kits in RD&P.

**BCHM 813  ADVANCES IN DRUG METABOLISM**  2 Units
Purpose of biotransformation of Drugs; Phase I. Metabolism, Pro-drug; Phase II metabolism. Factors affecting drug metabolism, Drug-drug interactions Drugs-Herbal Medicine interaction, Drug-food interaction. Drug toxicity. Assessment of toxicity, Resistance to drugs.

**BCHM 816  IMMUNOCHEMISTRY**  3 Units

**BCHM 817  ICT & RESEARCH METHODOLOGY**  2 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 822  BIOTECHNOLOGY & ENTREPRENEURSHIP**  3 Units
The course will cover business environment, general management, financial management, entrepreneurship development, feasibility studies, marketing and managerial problem solving.

**BCHM 825  Clinical Pharmacokinetics**  3 Units
Introduction to pharmacokinetics and pharmacodynamics; the time course of drugs in body; absorption, distribution metabolism, and elimination; quantitative relationship between drug concentration and wanted or undesired effects; selective character of drug action, the dual character of drug action; structure-activity relationship of drugs. Dose effect relationship of drug action: food drug interactions; quantal dose response, graded dose response, dose-effect curves, threshold dose, therapeutic dose, maximal dose, toxic dose, lethal dose. The principle of first-order kinetics and zero-order kinetics; Transmembrane transport of drugs; Drug absorption pathway, first pass effect, hepatointestinal circulatory bioavailability. The principle and meaning of plasma protein binding; drug distribution, apparent volume of distribution, transformation, of drugs and its metabolite characteristics of hepatic microsomal drug metabolizing enzyme (hepatic drug enzyme cytochrome P450), enzyme inducers and enzyme inhibitors, eliminations of metabolism, excretion, and storage; drug elimination rate constant, drug excretion pathway and the mechanism; time-effect curve, drug plasma, half-life, drug accumulation in the application of drug plasma concentration monitoring.

**BCHM 826  Advance Neurochemistry**  3 Units
Overview of Neurons & Signalling; Electrical Signal of Neurons; Voltage-Dependent Membrane Permeability; channels and Transporters; Synaptic Transport Neurotransmitters and their Receptors; intraneuronal communication; Construct Neural Circuits; Synaptic Plasticity; Memory; Neuropathologies; Drugs Abuse and chemical senses.
BCHM 827  Bioinformatics  3 Units
Introduction to bioinformatics; Models, formation and algorithms; Biological sequence strings, Sequence tools- the GCG package; Patterns and motifs; Regular expression Hidden-Markov-Models and neural nets; Sequence comparison I; concepts- similar homology; scoring matrices, Sequence comparison II: the NSW algorithm; Problems gas, Sequence comparison III; databases and database searching; Sequence comparison IV: multiple alignments, profiles and PSI-BLAST, Genome analysis, Homology modelling, Protein structure prediction: Concepts for protein engineering and structure design, systems and networks-post-genome bioinformatics.

BCHM 828  Genomics and Proteomics  3 Units
The structure, function and evolution of the human genome; Strategies for large-scale sequencing projects; Human disease genes; Expression; Bioinformatics for the analysis of sequence data; approaches for determining gene expression patterns and functions; Protein structure, secondary structure and super-secondary structure; Mechanism of protein folding, tertiary folds; Formation of oligomers; Relationship between protein structure and function; prions, Structure prediction and human proteomics; Mutant proteins; Use of computer simulations and knowledge-based methods in the design process; De-novo design; making use of databases of sequence and structure; Protein structure and drug discovery, proteins in disease.

BCHM 899  RESEARCH PROJECT  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.

BCHM 831  Biochemical Aspects of Nuclear Medicine  3 Units
Introduction to the principles of radioactivity, types, detection, storage, functions and safety of radioactive substances in Medical Biochemistry; Liquid scintillation counter and spectrometry; Diagnostic uses of radionuclides; application of radioactive substances in management of patients.
Ph.D BIOCHEMISTRY

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

PhD Biochemistry - the programme shall last for a minimum of six semesters with intensive research

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 research 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, Biotechnology or Molecular Biology 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 research dissertation and in addition satisfies all other conditions stipulated in the regulation of the post-graduate school may be admitted.

b. Conditional Admission:
   i. Conditional admission to a PhD program could be granted when the applicant, brings 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 BU SPGS) 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., 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.

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

**Course Work**

<table>
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<tr>
<td>Compulsory Courses</td>
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<tr>
<td>Elective Courses</td>
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<td>Research Work</td>
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**Ph.D IN BIOCHEMISTRY**

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<td>GEDS 911</td>
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<td>RELS 923</td>
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<td>BCHM908</td>
<td>Biochemistry of Bioactive compounds from Plants</td>
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<td>ELECTIVES - Any 4</td>
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Note: Students (on the advice of the HOD and, or departmental PG Coordinator) are to take a minimum of two elective course each in the 3rd and 4th semesters and a total of four elective courses during the PhD program.

**ELECTIVE COURSES BEING OFFERED PRESENTLY**

- BCHM 909  Nutritional Biochemistry
- BCHM 907  Advanced Enzymology
- BCHM 916  Advances in Biochemical Toxicology
- BCHM912  Biotechnology and Entrepreneurship
- BCHM 915  Advanced Cell Biology
- BCHM 917  Structural Biology
- BCHM 918  Molecular Biophysics

**COURSE DESCRIPTION**

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

The course begins with a study of the theological, historical and ethical perspectives of the family and a Christian assessment of current theories about the family. It further explores personal spiritual development as the centre for individual and family life and professional practice. It emphasizes a balancing of healthy family relationships with professional obligations.

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

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 proposal for research grants and fellowships.

**RELG 923 SEMINAR IN RELIGION AND SCIENCES  2 Units**

The course is an exploration of the interface between religion and the sciences with attention given to the religious origins of modern science, the similarities and contrasts between scientific and religious inquiry, and the particular challenges that the sciences pose for religious belief, based on the Bible.
BCHM 903  EXPERIMENTAL BIOCHEMISTRY II  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 905  BIOSTATISTICS  2 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, F-test, t-test, $X^2$ test, analysis of variance – one-factor experiment, two-factor experiment); Random numbers (distribution – probability distribution, binomial distribution, normal distribution, bi-variate 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

BCHM 906  ADVANCED MOLECULAR BIOLOGY  3 Units

BCHM 907  ADVANCED ENZYMOLOGY  3 Units

BCHM 908  BIOCHEMISTRY OF BIOACTIVE COMPOUNDS FROM PLANTS  3 Units
Biological screening methods for pharmacologically active natural products. Bioactive glycolipids, di-terpenoids, limonoids, anti-malarial natural products, anti-oxidative 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 909  NUTRITIONAL BIOCHEMISTRY  3 Units
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. Discussion of recommended dietary intakes of selected nutrients to understand their limitation.

BCHM 911  ADVANCES IN MEMBRANE BIOCHEMISTRY  3 Units

BCHM 912  BIOTECHNOLOGY AND ENTREPRENEURSHIP  3 Units
BCHM 913 RESEARCH SEMINAR I  3 Units
Literature review on selected current techniques in biochemistry emphasizing application which will be presented in written and oral forms for assessment.

BCHM 914 RESEARCH SEMINAR II  3 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 915 ADVANCED CELL BIOLOGY  3 Units

BCHM 916 BIOCHEMICAL TOXICOLOGY  3 Units
Emphasizes mechanisms of injury and clinical consequences following exposure to environmental and occupational chemicals. Examines actions at the molecular, cellular, organ system and organismal levels. Discusses methods for detecting, evaluating, analysing and combating toxic effects.

BCHM 917 STRUCTURAL BIOLOGY  3 Units
Structural elucidation by the application of NMR spectroscopy, X-ray crystallography, computational biology, macromolecular assembly, analytical ultracentrifugation. Macromolecular thermodynamics and Kinetics, protein structure and function, macromolecular modelling, protein folding and structure prediction.

BCHM 918 MOLECULAR BIOPHYSICS  3 Units

BCHM 922 ADVANCED PROTEIN SCIENCE  3 Units

BCHM 928 DISSERTATION I  8 Units
This course focuses on proposal writing and approval which includes the topic, introduction to the study, review of the literature and research methodology.

BCHM 929 DISSERTATION II  8 Units
An intensive laboratory analysis is to be carried out to generate data for the writing of a thesis. The course focuses upon the successful defence of the doctoral thesis which includes data analysis, findings of the study, conclusions and recommendations.
DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY
POSTGRADUATE DIPLOMA IN COMPUTER SCIENCE (PGD Computer Science)

Admission requirements

The Postgraduate Diploma in Computer Science is open to the following categories of candidates provided the UME 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 studies 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 of any recognized University or Polytechnic with a minimum of Upper Credit.
- HND holders of Computer Science or 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 other equivalents professional qualifications with at least three years post qualification experience in the use of IT and related information system.

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 Faculty of Postgraduate Studies for provisional admission into the program.

Graduation Requirements

Candidates must pass a minimum of 31 units of course work and defend a research project of 4 credits in a minimum of 2 semesters. The minimum of 35 credits is required for the completion of the programme.

Course Duration

Full-time: minimum of two (2) semesters
Minimum C-GPA for graduation: 3.00

POST GRADUATE DIPLOMA

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>1st</th>
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</tr>
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<tbody>
<tr>
<td>GEDS 701</td>
<td>GENERAL EDUCATION REQUIREMENT</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>GEDS 702</td>
<td>Religion &amp; society</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
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<td>Statistics</td>
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<tr>
<td>COSC 701</td>
<td>CORE COURSES</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>COSC 711</td>
<td>Computing Systems</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>COSC 721</td>
<td>Logic &amp; Digital Circuit Design</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>COSC 731</td>
<td>Programming Techniques</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>COSC 741</td>
<td>Operating Systems</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Quantitative Methods</td>
<td>2</td>
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</table>
COSC 702  Data Structure and Algorithms  2
COSC 712  Computer Architecture  2
COSC 722  Computer Networks  2
COSC 752  Expert Systems/Contemporary Issues  3
COSC 799  Project  4

**ELECTIVES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>COSC 751</td>
<td>Software Engineering</td>
<td>2</td>
</tr>
<tr>
<td>COSC 761</td>
<td>Database Systems</td>
<td>2</td>
</tr>
<tr>
<td>COSC 771</td>
<td>Internet Technologies</td>
<td>2</td>
</tr>
<tr>
<td>COSC 781</td>
<td>Computer Graphics</td>
<td>2</td>
</tr>
<tr>
<td>COSC 742</td>
<td>Microprocessor Applications</td>
<td>2</td>
</tr>
<tr>
<td>COSC 752</td>
<td>Expert Systems</td>
<td>2</td>
</tr>
<tr>
<td>COSC 762</td>
<td>Optimization techniques</td>
<td>2</td>
</tr>
<tr>
<td>COSC 772</td>
<td>Compiler Design</td>
<td>2</td>
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<tr>
<td></td>
<td><strong>Total = 35</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

Students are to choose two elective per semester

**COURSE DESCRIPTION**

**GEDS 701  RELIGION AND SOCIETY**  2 Credits
The course considers reasons for belief in the reality and relevance of God in contemporary society. It also explores the impact of religion on the various aspects of human endeavor.

**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

**COSC 701  COMPUTING SYSTEMS**  2 Credits
History of computers and types of computers. Introduction to computer hardware and computer, software. Computer hardware devices, platform, back-end and front end peripherals and auxiliary equipment. Computer software platform, back-end and front-end Computers, data, information and communications, Timesharing and multitasking systems.

**COSC 702  DATA STRUCTURES AND ALGORITHM**  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 711    LOGIC AND DIGITAL CIRCUIT DESIGN    2 Credits**

**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 Modeling Language. Basic concept of Object Oriented Desing (OOD) and Object Oriented Programming (OOP). Practical programming using Java.

**COSC 722    COMPUTER NETWORKS    2 Credits**

**COSC 731    OPERATING SYSTEM    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 LINOX.

**COSC 732    SPECIAL TOPICS IN COMPUTING    2 Credits**
Selected topics from different areas of computing with emphasis on recent advances in computer science and technology. Course content may vary from year to year.

**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 751  SOFTWARE ENGINEERING  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 761  DATABASE SYSTEM  2 Credits

COSC 771  INTERNET TECHNOLOGIES  2 Credits

COSC 781  COMPUTER GRAPHICS  2 Credits

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 782  EXPERT SYSTEMS/CONTEMPORARY ISSUES  3 Credits

COSC 762  OPTIMIZATION TECHNIQUES  2 Credits

COSC 728  COMPILER DESIGN  2 Credits
COSC 799  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.

SCHOOL OF COMPUTING AND ENGINEERING SCIENCE
MASTER OF COMPUTER SCIENCE (M.Sc. Computer Science)

Objectives of the Programme
Upon completion of this programme, the graduate will be able to compete effectively with other computer Scientists from other Universities in the areas of Programming Technology and Information Technology

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 Non-Adventists highly skilled faculty for her undergraduate programmes and facilitate the speedy realization of her educational goals.

Admission Requirements
(a) An applicant for admission to a course of study leading to the award of Master’s 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.

(b) An applicant who holds a recognized qualification approved by senate of the University. A graduate of Babcock University’s Post-graduate Diploma (PGD) with a minimum of 3.0/5.0 CGPA is eligible for admission to the MSc Computer Science programme.

(c) An applicant for Master’s degree programme in Computer Science shall normally possess not lower than second class Lower Division Honours degree with a CGPA of 3.0/5.0 to be eligible for admission.

Notwithstanding the regulation (a) above, a faculty/school may require an applicant to undergo such tests as may be prescribed by the Post-graduate school or take such prerequisite course(s) and pass such examination as shall be prescribed.

Graduation Requirements
The M.Sc. (Computer Science) programme is designed to cover a 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, tutorials and group assignment.

To obtain M.Sc. Computer Science degree, a candidate must take and pass a minimum of 38 units of courses made up as follows:

<table>
<thead>
<tr>
<th>Course Work</th>
<th>38</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Project (Dissertation)</td>
<td>6</td>
</tr>
<tr>
<td>TOTAL</td>
<td>44</td>
</tr>
</tbody>
</table>

**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 them to the School of Postgraduate Studies for provisional admission into the program.

**List of Courses**

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>1&lt;sup&gt;st&lt;/sup&gt; Semester</th>
<th>2&lt;sup&gt;nd&lt;/sup&gt; Semester</th>
<th>3&lt;sup&gt;rd&lt;/sup&gt; Semester</th>
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</thead>
<tbody>
<tr>
<td>GEDS 801</td>
<td>Religion, Faith and Morality</td>
<td>2</td>
<td></td>
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<tr>
<td>GEDS 802</td>
<td>Statistics</td>
<td>2</td>
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<tr>
<td>COSC 801</td>
<td>Advanced Computer Architecture</td>
<td>3</td>
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<tr>
<td>COSC 802</td>
<td>Internet Systems</td>
<td>3</td>
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<tr>
<td>COSC 803</td>
<td>Research Seminar</td>
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<tr>
<td>COSC 811</td>
<td>Advanced Computer Networks</td>
<td>3</td>
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<td></td>
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<tr>
<td>COSC 812</td>
<td>Design and Analysis of Algorithms</td>
<td>3</td>
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<td>COSC 821</td>
<td>Advanced Programming Techniques</td>
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<td>COSC 822</td>
<td>Research Methodology</td>
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<tr>
<td>COSC 882</td>
<td>Adv. Experts System &amp; Contemporary Issues</td>
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<td>COSC 831</td>
<td>Issues</td>
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<tr>
<td>COSC 841</td>
<td>Microprocessor System</td>
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<tr>
<td>COSC 899</td>
<td>Theory &amp; Formal Models of computation</td>
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<tr>
<td></td>
<td>Dissertation</td>
<td></td>
<td></td>
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<tr>
<td>COSC 832</td>
<td>Advanced Database Systems</td>
<td></td>
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<tr>
<td>COSC 852</td>
<td>Electronic Signal Processing</td>
<td></td>
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</tr>
<tr>
<td>COSC 862</td>
<td>Wireless communication</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total (44)**

| 17 | 18 | 9 |

- Students are to choose Two electives in the second semester
COURSE DESCRIPTION

GEDS 801: RELIGION, FAITH AND MORALITY 2 Credits
An in dept opportunity for the graduate student 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.

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, sapling theory or regression, sapling theory of correlation); Test of Hypothesis (the null and the alternative hypothesis, F-test, 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, Kruskal-Wallis H Test, H test corrected for ties); Use of SPSS.

COSC 801 ADVANCED COMPUTER ARCHITECTURE 3 Credits

COSC 802 INTERNET SYSTEMS 3 Credits
Overview of current Internet technologies. Internet service modeling. 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 803 Research Seminar 3 Credits
This is an 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 etc. The investigation is to be conducted in the area of research interest related to the students intended area of specialization for the development of his/her MSc dissertation. A report of the investigation is to be produced and a seminar presentation made.

COSC 811 ADVANCED COMPUTER NETWORKS 3 Credits

COSC 812 DESIGN AND ANALYSIS OF ALGORITHMS 3 Credits
**COSC 821  ADVANCED PROGRAMME TECHNIQUES  3 Credits**
Review of different programming paradigms – 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.

**COSC 822  RESEARCH METHODOLOGY  3 Credits**
Ethics of teaching and learning in research environment: Principles and practice; intellectual property right, infringement and law; Internet and Cyber Law. Research project formulation and proposal writing. Research techniques: analytical; experimental. Literature review: searching for authorities, citation of authorities and reporting the work of authorities. Research project development, implementation, testing, reporting, dissemination of findings and marketing.

**COSC 831  MICROPROCESSOR SYSTEMS  2 Credits**

**COSC 832  ADVANCED DATABASE SYSTEM  2 Credits**

**COSC 841  THEORY AND FORMAL MODELS OF COMPUTATION  2 Credits**

**COSC 882  ADVANCED EXPERT SYSTEMS/CONTEMPORARY ISSUES  3 Credits**

**COSC 852  ELECTRONIC SIGNAL PROCESSING  2 Credits**
Digital Communication System: Fundamentals of digital communication, Sampling, Quantisation, Random process; PSD; Gaussian processes; Modulation and detection for AWGN channels – PSK, ASK, FSK, QPSK,QAM, 16QAM, MSK, IQ Modulator, Demodulator. Spectral efficiency; Intersymbol 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 fiber communication systems. Case studies.

COSC 862 WIRELESS COMMUNICATION 2 Credits

COSC 899 RESEARCH 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.
PhD 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 going to play a major role in technological advancement of any nation in the next millennium and will depend largely on the quality and quantity of electronic and computer scientists.

OBJECTIVES
1. Further development of the inquisitiveness of students through training and research in an atmosphere of intellectual independence and individual creativity combined with strong sense of group participation.
2. Advancement of scientific knowledge in the area of computer science.

ADMISSION REQUIREMENT TO THE PROGRAMME
Candidates seeking admission into the PhD programme in Computer Science are required to have a master’s 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% – 55.9% in their master’s 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.

Candidates who have between 3.00 -3.49 on a 5 point scale or 50% -54.9% in their master’s 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.

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, 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.
a. Provisional admission to a PhD programme may be granted when the applicant brings a master’s degree from a recognised university with a CGPA of 3.5 to 3.99. The candidate must however complete a minimum of 16 credits at MSc level course-work in Computer Science of Babcock University and pass with a minimum of 60% average score or 4.0/5.0 CGPA before commencing any course-work in the Ph.D Computer Science Program.

**Note**
Student who have started the PhD programme in another university cannot transfer earned credits to a Babcock University PhD programme in Computer Science.

The Department reserves the right upon approval of the SPGS to offer or deny admission to prospective applicants based on existing faculty and staffing needs, budgetary considerations, strategic needs/plans and so on.
**Curriculum for the PhD Programme**

The programme of studies for the PhD in Computer Science is as given in the following table:

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
<th>4th Year</th>
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<tbody>
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<td></td>
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<td>1st Sem</td>
<td>2nd Sem</td>
<td>1st Sem</td>
<td>2nd Sem</td>
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<td>GEDS 901</td>
<td>Personal and Family wholeness</td>
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<td>GEDS 902</td>
<td>Statistics</td>
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<tr>
<td>GEDS 911</td>
<td>Research Proposal and Writing</td>
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<tr>
<td>GEDS 912</td>
<td>Advanced Research Design</td>
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<tr>
<td>RELG 914</td>
<td>Ethical Issues in Computing Science</td>
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<td>CORE</td>
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<td>COSC 901</td>
<td>Survey of Recent Development in IT Industry</td>
<td>3</td>
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<td>COSC 911</td>
<td>Theory &amp; Formal Models of Computation</td>
<td>3</td>
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<td>COSC 921</td>
<td>Advanced Computer Architecture</td>
<td>3</td>
<td>3</td>
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<tr>
<td>COSC 912</td>
<td>Advanced Design &amp; Analysis of Algorithm</td>
<td>3</td>
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<td>COSC 922</td>
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<td>COSC 904</td>
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<td>8</td>
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<tr>
<td>COSC 931</td>
<td>Advanced Database System</td>
<td>3</td>
<td>3</td>
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<tr>
<td>COSC 942</td>
<td>Advanced Wireless Communications</td>
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<tr>
<td>COSC 932</td>
<td>Advanced Computer Networks</td>
<td>3</td>
<td>3</td>
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</tbody>
</table>

**NOTE**

Candidates are to select any two CORE courses of the pool of COSC courses in each of the two semesters of the first year in addition to the GEDS courses listed. In the second year, candidates are to select two CORE COSC courses in the first semester and one COSC course.
in the second semester, with the listed GEDS if applicable, provided the COSC course has not been taken in the first year.

The Research Seminar topics in the second year are to be taken from the candidate’s specialization area.

**GRADUATION REQUIREMENTS**
To complete the PhD Computer Science Programme, a candidate must take and pass a minimum of 40 credits of coursework and Research work and a Research Project of 16 credits as follows:

<table>
<thead>
<tr>
<th>Coursework</th>
<th>= 40 credits</th>
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<tbody>
<tr>
<td>Research Project (Thesis)</td>
<td>= 16 credits</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>= 56 credits</td>
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</tbody>
</table>

**COURSE DESCRIPTION**

**RELG 914: Ethical Issues in Computing Science**

This course examines the major topics in Computer ethics and also analyses the religious ramifications that arise for IT professionals, laws in computing, security in computing, digitization, virtual community and cyber culture. The social issues and responses to be discussed include conflict between religion and the application of technology, the effect of digitization and the social network phenomenon on the family unit, fusion of religion with the IT industry. The Biblical world-view of all the issues must be emphasized, and this must be brought into term papers resulting from students’ research on specific topics relevant to the course.

**GEDS 901: PERSONAL AND FAMILY WHOLENESS**

The course begins with a study of the theological, historical and ethical perspectives of the family and a Christian assessment of current theories about the family. It further explores personal spiritual development as the centre for individual and family life and professional practice. It emphasizes a balancing of healthy family relationships with professional obligations.

**GEDS 902: STATISTICS**

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, sapling theory of correlation); Test of Hypothesis (the null and the alternative hypothesis, F-test, 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, Kruskal-Wallis H Test, H test corrected for ties); Use of SPSS

**GEDS 911: RESEARCH PROPOSAL AND WRITING**

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 proposal for research grants and fellowships.
COSC 901: SURVEY OF RECENT DEVELOPMENT IN IT INDUSTRY 3 Credits
Contemporary issues, case studies and seminar presentations.

COSC 903: RESEARCH SEMINAR I 4 Credits
This is an independent investigation of appropriate themes and research issues in any topical current development in IT, including Computer Science, Information Technology, Networking and Telecommunications, Information systems, IT Security Issues, Bioinformatics etc.
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.

COSC904: RESEARCH SEMINAR II 4 Credits
Same as Research Seminar 1 but the theme will be on a different topic and issues as presented in Research Seminar 1.

COSC 911: THEORY AND FORMAL MODELS OF COMPUTATION 3 Credits

COSC 921: ADVANCED COMPUTER ARCHITECTURE 3 Credits

COSC 931: ADVANCED DATABASE SYSTEMS 3 Credits
Database conceptualization; Data abstraction, functional dependency and object oriented modeling, Database implementation: database privacy, security, concurrency control, query optimization, Transaction processing and evaluation. Data mining and warehousing technology.

COSC 932: ADVANCED COMPUTER NETWORKS 3 Credits

COSC 912: ADVANCED DESIGN AND ANALYSIS OF ALGORITHMS 3 Credits
Asymptotics, 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 922 RESEARCH METHODOLOGY 3 Credits
Ethics of teaching and learning in research environment: Principles and practice; intellectual property right, infringement and law; internet and Cyber Law. Research project formulation and proposal writing. Research techniques: analytical; experimental. Literature review: searching for authorities, citation of authorities and reporting the work of authorities. Research project development, implementation, testing, reporting, dissemination of findings and marketing.
COSC 942:  ADVANCED WIRELESS COMMUNICATION  3 Credits

COSC 999  RESEARCH THESIS  12 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.

LIST OF STAFF

<table>
<thead>
<tr>
<th>NAME OF ACADEMIC STAFF</th>
<th>DISCIPLINE</th>
<th>QUALIFICATION</th>
<th>RANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Omotosho O. J.</td>
<td>Electrca/Electronics</td>
<td>Ph.D.</td>
<td>Professor</td>
</tr>
<tr>
<td>Adelodun J.F.</td>
<td>Mathematics</td>
<td>Ph.D.</td>
<td>Professor</td>
</tr>
<tr>
<td>Awodele O.</td>
<td>Computer Sci. Artificial Intelligence</td>
<td>Ph.D.</td>
<td>Professor</td>
</tr>
<tr>
<td>Idowu, S. A.</td>
<td>Software Engineering</td>
<td>PhD</td>
<td>Professor</td>
</tr>
<tr>
<td>Okolie S. O.</td>
<td>Computation</td>
<td>PhD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Adekunle Y.A</td>
<td>Computation</td>
<td>PhD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Adebayo A.O</td>
<td>IT Security</td>
<td>PhD</td>
<td>Senior Lecturer</td>
</tr>
<tr>
<td>Joshua J.V.</td>
<td>Software Engineering</td>
<td>PhD</td>
<td>Senior Lecturer</td>
</tr>
<tr>
<td>Alao D.O</td>
<td>Human Machine Interaction</td>
<td>PhD</td>
<td>Lecturer I</td>
</tr>
<tr>
<td>Kuyoro S.O.</td>
<td>Artificial Intelligence</td>
<td>PhD</td>
<td>Lecturer I</td>
</tr>
<tr>
<td>Sodiya A.S</td>
<td>Computer Science</td>
<td>PhD</td>
<td>Senior Lecturer (Adjunct Lecturer)</td>
</tr>
<tr>
<td>Ajayi O.B</td>
<td>Computer Science</td>
<td>PhD</td>
<td>Senior Lecturer (Adjunct Lecturer)</td>
</tr>
<tr>
<td>Ojesanmi O.</td>
<td>Computer Science</td>
<td>PhD</td>
<td>Senior Lecturer (Adjunct Lecturer)</td>
</tr>
<tr>
<td>Adebiyi E. A</td>
<td>Bio-Informatics</td>
<td>PhD</td>
<td>Professor (Adjunct</td>
</tr>
<tr>
<td>Name</td>
<td>Department</td>
<td>Degree</td>
<td>Position</td>
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<tr>
<td>Goga G.N.</td>
<td>Bio-Informatics</td>
<td>PhD</td>
<td>Professor (Adjunct Lecturer)</td>
</tr>
<tr>
<td>Ogbonna A. C.</td>
<td>Project Management</td>
<td>PhD</td>
<td>Professor</td>
</tr>
<tr>
<td>Ekekwe N.</td>
<td>Electrical and Computing Engineering</td>
<td>PhD</td>
<td>Professor (Visiting Professor)</td>
</tr>
<tr>
<td>Adeniyi J.O.</td>
<td>Operating Systems and Software Dev.</td>
<td>PhD</td>
<td>Professor (Adjunct)</td>
</tr>
<tr>
<td>Adagunodo E.R.</td>
<td>Computer Science</td>
<td>PhD</td>
<td>Professor (Adjunct)</td>
</tr>
<tr>
<td>Nesenaff M.B</td>
<td>Computer Engineering and Embedded Systems</td>
<td>PhD</td>
<td>Professor (Adjunct)</td>
</tr>
<tr>
<td>Bonde Nossan</td>
<td>Computer Programming</td>
<td>PhD</td>
<td>Senior Lecturer (Adjunct)</td>
</tr>
<tr>
<td>Adekoya A.F</td>
<td>Computer Science</td>
<td>PhD</td>
<td>Senior Lecturer (Adjunct)</td>
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</table>
DEPARTMENT OF PUBLIC HEALTH
MASTER OF PUBLIC HEALTH (MPH)
Health Promotion and Education

PREAMBLE
Recognizing the complex nature of community health needs and the strategic importance of the Millennium Development Goals, particularly in developing countries, public health problems/issues and services need to be adequately addressed through deliberate effort in manpower development. Babcock University Department of Public Health Master of Public Health (Health Promotion) program is geared towards providing students with well structured, broad-based, scholarly, functional and professional experiences that are based on Christian values.

AIM/GOAL
The major goal of the Master of Public Health (MPH) degree program in Health Promotion is to train and produce professionals with broad knowledge and skills in Health Education practice, health services improvement and advocacy such that the graduate can scientifically identify, appraise and address potential health issues in partnership with the community.

OBJECTIVES
By the end of the programme of study leading to MPH (Health Promotion), the student will be able to:

i. Apply modern scientific methods and techniques to conduct community needs and asset assessment;
ii. Develop interventions to adequately address community felt health needs;
iii. Participate in community development activities in cooperation with community leaders and representatives of other agencies;
iv. Initiate, plan, organize and implement training programs to address identified community health issues;
v. Apply Health Promotion principles (assessment, planning, implementation and evaluation, research and innovation, advocacy, system thinking, etc) to:
   a. Community nutrition issues (growth monitoring etc.);
   b. Environmental health (water and sanitation etc.);
   c. Control of common, endemic and communicable diseases;
   d. Maternal and child health, including family planning and immunization;
   e. Rational use of medicinal products and the treatment of minor ailments and injuries;
   f. Community dental health;
   g. Community mental health; and
   h. Community geriatric health.
vi. Mobilize appropriate resources to address identified community health needs;
vii. Demonstrate skills in the design and conduct of original research in Health Promotion.

GENERAL ADMISSION REQUIREMENTS
1. Candidates with at least a Bachelor of Science (Honors) Degree, Second Class Lower Division of Babcock University or of any other recognized University, in any of the Basic Sciences, Medical/Health Sciences, Public Health, Medical Laboratory Sciences, Environmental Health, Health Education, Home Economics, Nutrition & Dietetics,
Medical/Health Records, Demography & Social Statistics, Ecology/Geography, Health Services Administration and Management, Medical Sociology/Anthropology and other Health related Disciplines, with post National Youth Service Corps (NYSC), as the case may be, would be considered for admission into the MPH programme.

2. In addition to the above requirements, applicants must satisfy the ordinary level (‘O’ level) first degree matriculation requirements of Babcock University, that is ‘O’ level credit passes at not more than two sittings, including English Language, Biology, Chemistry, Mathematics, and Physics or one other appropriate 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 a two page proposal on their research interest with their application.

**COURSE REQUIREMENTS**
Each candidate will be required to take prescribed courses of a total of 53 units and 2 units of the GEDS courses. The candidate should attend lectures, seminars, and practical/demonstrations regularly, and submit term papers when due. Project proposal is to be submitted within the stipulated period. All submissions must follow the Post-Graduate School 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 12 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 the student. The Internship/Attachment carries 4 Credit Units.

**THESIS (6 UNITS)**
The M.P.H degree program culminates in a thesis based on original 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 School of Babcock University, and in consultation with the student’s supervisor(s). The thesis carries Six (6) Semester units of credit.

**PERIOD OF STUDY**
The minimum period of study for the MPH shall be 4 semesters of 24 months for a full time (regular or elongated) student. The maximum period of study for the MPH program shall be an additional two semester after which studentship shall elapse.

**COURSE WORK/WRITTEN/ORAL EXAMINATIONS**
The MPH programme in Health Promotion shall last for 4 semesters. The minimum CGPA for graduation shall be 2.50. It consists of course work, extended fieldwork and a thesis. The credits for graduation shall be 59 credit units distributed as follows: GEDS 2, Core 53, Extended Fieldwork 4, Seminar 3 and Research 6 Units respectively.
The candidate for the MPH degree must appear for oral examination. The composition of the Examiners shall include the supervisor(s), at least one External Examiner and the Head of Department, who shall be the Chief Examiner.

**Note:** It is anticipated that in the future, other MPH Program Module Tract will be offered:

- (1) Epidemiology
- (2) Environmental and Occupational Health
- (3) Health Services Administration & Management
- (4) Population & Family Health
- (5) Human Nutrition

**PUBLIC HEALTH SCIENCE FOUNDATION COURSES**
The following are the foundation courses for the MPH degree and are to be taken before the core (specialization) courses. This will be a total of 43 Credits spread over two semesters.

**REGULAR MODULE**

*First Session Foundation and Core Courses*

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>SEMESTER</th>
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<tbody>
<tr>
<td></td>
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<td>1&lt;sup&gt;ST&lt;/sup&gt;</td>
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<tr>
<td>GEDS 801</td>
<td>Religion, Faith and Morality</td>
<td>2</td>
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<tr>
<td>PHFC 811</td>
<td>History, Principles and Practice of Public Health &amp; Primary Health Care</td>
<td>3</td>
</tr>
<tr>
<td>PHFC 813</td>
<td>Epidemiology, Communicable Disease Surveillance and Public Health Legislations</td>
<td>3</td>
</tr>
<tr>
<td>PHFC 815</td>
<td>Advanced Public Health Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>PHFC 817</td>
<td>Public Health Microbiology, Parasitology &amp; Entomology</td>
<td>3</td>
</tr>
<tr>
<td>PHFC 819</td>
<td>Biostatistics for Public Health</td>
<td>3</td>
</tr>
<tr>
<td>PHFC 822</td>
<td>Computer Applications in Biostatistics</td>
<td>-</td>
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<tr>
<td>PHFC 864</td>
<td>Environmental and Occupational Health System</td>
<td>-</td>
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<tr>
<td>PHFC 866</td>
<td>Advanced Family and Human reproductive health in Public Health</td>
<td>-</td>
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<tr>
<td>PHFC 828</td>
<td>Advanced Research Methods in Public Health</td>
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<tr>
<td>PHHP 822</td>
<td>Advanced Psycho-behavioural Foundations of Health Promotion in Public Health and Change Process</td>
<td>-</td>
</tr>
<tr>
<td>PHHP 864</td>
<td>Coordinated School Health Services</td>
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<td><strong>TOTAL (34 Credits)</strong></td>
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**Second Session Core Courses**

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<tr>
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<td>CORE COURSES</td>
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<tr>
<td>PHHP 871</td>
<td>Health Instruction and Capacity Building in Health Promotion and education</td>
<td>3 -</td>
</tr>
<tr>
<td>PHHP 873</td>
<td>Community Group Process and Social Action in Public Health</td>
<td>3 -</td>
</tr>
<tr>
<td>PHHP 875</td>
<td>Health Promotion Programme, Planning, Implementation and Evaluation</td>
<td>3 -</td>
</tr>
<tr>
<td>PHHP 877</td>
<td>Health Communication Theories and Resources in Health Promotion</td>
<td>3</td>
</tr>
<tr>
<td>PHHP 839</td>
<td>Practicum in Health Promotion and Education/Internship*</td>
<td>4</td>
</tr>
<tr>
<td>PHHP 882</td>
<td>Contemporary issues in Health Promotion and Research Seminars</td>
<td>3</td>
</tr>
<tr>
<td>PHHP 848</td>
<td>Research (Thesis)**</td>
<td>- 6</td>
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<tr>
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<td>TOTAL (21 Credits)</td>
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*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 during the summer preceding the third semester.

**The thesis, based on original research work, must be written according to the standard prescribed by the Post Graduate School of Babcock University.

**COURSE DESCRIPTION**

**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. Reference will be made to Nigeria’s health policy goals.

**PHFC 813  EPIDEMIOLOGY, COMMUNICABLE DISEASE SURVEILLANCE AND 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 agents; the host and the environment. It also addresses the course of the natural history of diseases; scope and levels of prevention of communicable and non-communicable 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 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 AND ENTOMOLOGY** 3 Credits

This course will expose students to basic principles of microbiology, parasitology and entomology to include immunological and serological aspects. It will include the nature of the organisms in health and disease, resistance, laboratory identifications. The course will give basic information on host-Parasite relationships, their controls and importance to public health. This course will include the accounts of essential information on arthropods of medical importance, their controls and significance in Public Health.

**PHFC819 BIOSTATISTICS FOR PUBLIC HEALTH** 3 Credits

This course is a component of Public Health Science that provides an introduction to the fundamental methods of collecting, organizing, and presenting data. It is also the study of central tendency and variation, sampling, t tests, chi-squared tests, simple and multiple regression, confidence intervals, correlations, and making statistical inferences. This course provides the basis for quantitative analysis of situations in the community.

**PHFC 822 COMPUTER APPLICATIONS IN BIOSTATISTICS** 2 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. 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 pre-requisite for this course.

**PHFC 824 ENVIRONMENTAL AND OCCUPATIONAL HEALTH** 2 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 would be on water supply, sanitation; industrial and solid waste management, vector control, atmospheric pollution control and tropical housing. Appropriate interventions are also studied.

**PHFC 826 FAMILY AND HUMAN REPRODUCTIVE HEALTH** 2 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.

**PHFC828 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 hypothesis, answering research questions, writing research proposals, analyzing data and presenting results. Further, the students will be taught how to write grant-winning research proposals.

**HEALTH PROMOTION CORE COURSE DESCRIPTIONS**

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Behaviour is said to be very important in health and disease. This course views behaviour and any situation that generates behaviour as key to understanding health and disease. A brief review of basic neurophysiology of the central nervous system will be considered. The course focuses on the theories of individual behavior and highlights the relationships between the various psychological variables, which form the basis of personality and on which lifestyles, and health practices are hinged. Specific health behavior models are presented to illustrate issues and situations and to clarify specific psychological behavioral actions. Specific examples are cited so that the students will acquire a good understanding of behavior dynamics. Such specific examples motivate the student to design behavioral model-based intervention strategies. 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. Further, the students will become acquainted with types of change and apply social and behavioural theories/models to the diagnosis of health-related behaviours at particularly individual and community level change.

PHHP 824 COMPREHENSIVE SCHOOLHEALTH PROGRAMME AND 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 stake holders in the delivery of school health programme 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. Emphasis would be placed on health promoting school concept.

PHHP 831 TRAINING METHODS IN HEALTH PROMOTION AND EDUCATION
3 Credits
This course will equip the student with the 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 would have opportunity to organize actual training program.

PHHP 833 GROUP DYNAMICS & COMMUNITY MOBILIZATION 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 learnt to understand group behaviour and the characteristic stages of their development. Knowledge gained in this course will further equip the student to conduct community need assessment and assist the community in resource linkage to sustain community projects and focus group discussion sessions.

PHHP 835 HEALTH PROGRAMME PLANNING, IMPLEMENTATION AND EVALUATION IN PUBLIC HEALTH
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.

PHHP 837 COMMUNICATION AND MEDIA STRATEGIES IN HEALTH PROMOTION
3 Credits
This is a study of communication principles, concept, and examines 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 audiovisual methods of communication, discussing their relevance and appropriateness in health information dissemination within the context of culture and technology. Efforts in practical production of medial materials are featured.

**PHHP 839  PRACTICUM IN HEALTH PROMOTION AND EDUCATION - 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 schools health education and service, organization and conduct of health programmes in selected schools. Students would be expected to work with other experienced professionals in any settings where they can get hands-on experience of public health [180 hours (Practical)].

**PHHP 842  SEMINAR AND CONTEMPORARY ISSUES IN HEALTH PROMOTION  2 Credit**

This aspect of the program will be compulsory for all masters’ students in Health Promotion. It will Deal 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 would 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 would be guided through as they acquire this skill.

**PHHP 848  RESEARCH (THESIS)  6 Credits**

A thesis demonstrating a grasp of Health Education subjects and principles; ability to research, in-depth, particular Health Education problems and recommending practical solutions.
DEPARTMENT OF PUBLIC HEALTH
DOCTOR OF PHILOSOPHY (PhD)
(HEALTH PROMOTION)

PREAMBLE

Primary Health Care (PHC) is enthusiastically 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.

AIMS/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

By the end of the programme of study, the student will be able to:

1. Demonstrate ability to apply Health Promotion 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. Demonstrate professional skills in Planning, implementing and evaluating components of Primary Health Care programme;
5. Mobilize and 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

(1) The entry requirements into the PhD degree in Health Promotion and Education shall be a Master of Public Health (MPH) degree at not less than CGPA of 4.0 on a 5-point scale.
(2) Applicants must satisfy the ‘Ordinary’ level first degree matriculation requirements of Babcock University, that is ‘O’ level credit passes at not more than two sittings, including English Language, Biology, Chemistry, Mathematics, and Physics or one other appropriate subject.
(3) In addition to the above requirements, candidates with at least a Bachelor of Science in Public Health (Honors) Degree, Second Class Lower Division of Babcock University or any other recognized University, in any of the Basic Sciences, Medical/Health Sciences, Medical Laboratory Sciences, 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 Disciplines, with at least two years experience, as the case may be.

Admission shall be made to the Postgraduate School on the recommendation of 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 a two-page proposal on their research interest.

COURSE REQUIREMENT

Each candidate will be required to take prescribed Courses of a total of 56 units including 2 units of the GEDS courses. The candidate should attend lectures, seminars, and practical/demonstrations regularly, and submit term papers when due. Project proposal are to be submitted within the stipulated period. All submissions must follow the Post-Graduate School 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.
DISSERTATION (12 UNITS)
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 School of Babcock University, and in consultation with the Student’s supervisor(s). The thesis carries twelve (12) Semester units of credit.

PERIOD OF STUDY
The minimum period of study for the PhD degree shall be 36 months of SIX semesters for a full time student enrolled in the Regular and Elongated Module.

COURSE WORK/Written/oral examinations
The PhD programme in Health Promotion and Education shall last for 6 semesters. The minimum CGPA for graduation shall be 4.0. It consists of course work, extended fieldwork and a thesis. The credits for graduation shall be 64 credit units distributed as follows: GEDS (2), Core (40), Extended Fieldwork (4), Seminar (6), Electives (4) and Research (12) 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 and the Head of the Department, who shall be the Chief Examiner.

Note: It is anticipated that in the future, other PhD Program Module Tract will feature: (1) Epidemiology (2) Environmental and Occupational Health, (3) Health Services Administration & Management, (4) Population & Family Health (5) Human Nutrition
The following represent the program’s structural overview:

**First Session Public Health Science Foundation and Core Courses**

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
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<td></td>
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<tr>
<td><strong>CORE COURSES</strong></td>
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<tr>
<td>PHFC 911</td>
<td>History, Principles and Practice of Public Health &amp; Primary Health Care</td>
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<tr>
<td>PHFC 913</td>
<td>Advanced Epidemiology, Disease Control and Surveillance</td>
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<tr>
<td>PHFC 915</td>
<td>Advanced Public Health Nutrition</td>
<td>3</td>
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<tr>
<td>PHFC 917</td>
<td>Advanced Research Methods in Public Health</td>
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<tr>
<td>PHFC 919</td>
<td>Intermediate Biostatistics for Public Health</td>
<td>3</td>
</tr>
<tr>
<td>PHFC 922</td>
<td>Advanced Public Health Microbiology, Parasitology, and Entomology</td>
<td>-</td>
</tr>
<tr>
<td>PHFC 924</td>
<td>Applied Biostatistics in Public Health</td>
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<tr>
<td>PHFC 926</td>
<td>Advanced Environmental and Occupational Health</td>
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<tr>
<td>PHFC 928</td>
<td>Health System Administration and Management</td>
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<tr>
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<tr>
<td>PHFC 907/908</td>
<td>Bio-ethical Issues in Public Health /Ethical Issues in Public Health</td>
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<tr>
<td>PHHP 926</td>
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<td>GEDS 901</td>
<td>Personal and Family Wholeness</td>
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<td>GEDS 912</td>
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<td><strong>TOTAL (36 Credits)</strong></td>
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### Courses for the Second Year of the programme

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<tr>
<td>PHHP 931</td>
<td>Ecology of Human Health &amp; Mechanisms of Health &amp; Disease</td>
<td>3</td>
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<tr>
<td>PHHP 933</td>
<td>Behavioural Concepts Applicable to Public Health</td>
<td>3</td>
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<tr>
<td>PHHP 935</td>
<td>Supervised Field work Practice/Community Care Practicum</td>
<td>4</td>
</tr>
<tr>
<td>PHHP 937</td>
<td>Seminars and Contemporary Issues in Health Promotion</td>
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<td><em>Elective Courses are offered to include the following and students are to select two courses from these to make Four Credits</em></td>
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<td>PHEC 931</td>
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<tr>
<td>PHEC 933</td>
<td>Policy Issues and Advocacy in Public Health</td>
<td>2</td>
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<td>PHEC 935</td>
<td>Drug Use of Public Health Importance</td>
<td>2</td>
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<tr>
<td>PHHP940</td>
<td>Research Seminar I</td>
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### Third and Final Year of the Programme

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<td>PHHP 950</td>
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<td>PHHP 960</td>
<td>Research Dissertation Oral Examination</td>
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### COURSE DESCRIPTIONS

**GEDS 912: ADVANCED RESEARCH DESIGN**  
(2 Credits)

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.
PUBLIC HEALTH SCIENCE FOUNDATION COURSES

PHFC 911: History, Principles and Practice of Public Health & Primary Health Care

3 Credits

The course would review the historical development and growth of modern public health, critiquing the philosophical basis for establishing the various health approaches and concepts adopted over the distinct periods of the National development plans. Further, students would have opportunity to examine the strength 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: Advance Epidemiology, Disease Control and 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 diseases. 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, the study of the epidemiology of significant communicable and non-communicable illnesses in the community will be highlighted. The important roles 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: Advance Public Health Nutrition

3 credits

Diseases related to nutrition are becoming cause for concern in the community and hence students at this level should be well acquainted with the underlying nutritional conditions involved. Studies would 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 917: Advance 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 919: Intermediate Biostatistics for Public Health 3 Credits
The intermediate biostatistics course will cover methods of collecting, organizing, and presenting data. It will feature central tendency and variation, sampling, $t$ tests, chi-squared tests, a brief introduction to multivariate analysis using Analysis of Variance (ANOVA), simple and multiple regression, confidence intervals, correlations, and making statistical inferences. This is a basis for quantitative analysis of situations in the community. Biostatistics at this level will provide the doctoral student in public health skills to design a study, analyze the data and provide interpretations of results. The use of computer-assisted data analysis will feature. Pre-requisite is PHFC 815 designed to run concurrently.

PHFC 922 ADVANCED PUBLIC HEALTH MICROBIOLOGY, PARASITOLOGY AND ENTOOTOLOGY 3 Credits
This course will expose students to advanced principles of microbiology, parasitology and entomology to include immunological and serological aspects. It will include the nature of the organisms in health and disease, resistance, laboratory identifications. The course will give advanced information on host-Parasite relationships, their controls and importance to public health. This course will include the accounts of essential information on arthropods of medical importance, their controls and significance in Public Health.

PHFC 924: 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. PHFC 915 will be Pre requisite to this course. Pre-requisite is PHFC 821 designed to run concurrently.

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 detail. 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.

PHFC 928: 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 906: Biblico-Historical Foundations of Public Health        2 Credits
This course explores in-depth biblical 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.

PHFC 907: Bio-ethical issues in Public Health        1 Credit
This course emphasizes the importance of personal and professional responsibility in public health research and practice, including conceptual and historical reading in bioethics.

PHFC 908: Ethical issues in Public Health        1 Credit
This course focuses on general ethical issues public health researchers, administrators, and educators face, including basic Christian principles that should guide public health research and practice.

COURSE DISCISSION FOR CORE HEALTH PROMOTION COURSES

PHHP 926: Advanced Health Promotion - Concepts and Issues 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 931: Ecology of Human Health and 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.

PHHP 933: 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. Further, the students will use theory in developing research issues and practice.

**PHHP 935: Supervised Field work practice/community care practicum in specialty areas  6 Credits**

Opportunities in putting Health Promotion research theories into practice through community –based intervention programs at various levels, in student’s area of specialization. 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.**

**PHHP 937: Seminar and Contemporary Issues in Health Promotion.  2 Credits**

This aspect of the program will involve critical analysis of recent research studies related to student’s area of specialization. The approach would 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 would be guided through as they acquire this skill.

**PHHP: 940 Research Seminar I  2 Credits**

The students pursuing the doctoral degree at this stage are required to prepare and present a comprehensive research proposal in their areas of special study. On successful defense of the pre-field proposal would be required to proceed to the field to administer the research intervention and data collection.

**PHHP: 950 Research Seminar II  2 Credits**

During this phase of the program, students are required to develop seminars of their work at significant stages and share with faculty members until the work is completed and a post field seminar is presented in preparation for the oral defense.

**PHHP: 960 Research Dissertation Oral Examination  12 Credits**

The doctoral Thesis by the student completing the programme is a demonstration of grasp of health promotion and education. The student’s training in all the courses taken becomes vital in completing the dissertation which is an in-depth study of a particular health education problem 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. The student is required to prepare for an oral examination by appointed external examiner(s).

**ELECTIVE COURSES**

**PHEC 931: Advanced Family and Reproductive Health  2 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.

**PHEC 933: Policy Issues and Advocacy in Public Health.  2 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.

**PHEC 935: Drug Use of Public Health Importance**  
2 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 would be discussed such as evidence-based pharmaco-therapeutics.
MISSION OF THE SCHOOL

The mission of the school is to provide high quality, broad-based nursing education that is based on Christian values. The school will prepare 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 will be placed on client-centered nursing care practices, and holistic approach to learning in the context that integrates faith and learning.

PHILOSOPHY

As we enter the new millennium, there has emerged 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 new 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).

We believe that the Master 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 makes 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.

We believe that master 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 others’ 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
1. The graduate of the master’s programme will be ready to work with groups and individuals in identifying and dealing with actual or potential health issues. In pursuant 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 professional.

**ADMISSION REQUIREMENTS**

1. An applicant to the M.Sc. (Nursing) programme shall possess a Bachelor of Nursing degree of this University or other accredited Universities with a minimum of second class lower division.

2. Holders of the Higher National Diploma (HND) in Public Health Nursing, Midwifery and Psychiatric/Mental Health Nursing from a programme recognized by the Nursing and Midwifery Council of Nigeria, with or without a bachelor’s degree may be considered for M.Sc. in Community/Public Health Nursing, Midwifery
(Maternal/Child Health) Nursing and Mental Health Nursing. Such candidates however will be required to take courses in specialized areas of nursing at the 500 level. In addition, these candidates must possess a postgraduate diploma (PGD) in Nursing Education from an accredited University programme.

3. Proven strength in areas of specialization will be an added advantage when considering applications for admission.

4. All applicants must be currently registered as a nurse with the Nursing and Midwifery Council of Nigeria.

5. Candidate shall be required to submit a 500 word statement of intent explaining their area of research focus and interest.

6. Decision of the University regarding admission is final.

**Degree to be offered:** M.Sc (Nursing) with specialization in;

- Adult Health/Medical Surgical Nursing
- Community Health Nursing
- Maternal Health Nursing
- Mental Health Nursing
- Nursing Education
- Nursing Administration

**DURATION OF THE PROGRAM**

Full Time: Minimum of 4 semesters and maximum of 6 semesters

Extended 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 43 units of courses made up of the following:

I. General Education Requirements 4 units
II. Core Courses 12 units
III. Specialization courses 11 units
IV. Practicum 4 units
V. Electives 6 units
VI. Dissertation 6 units
Total 43 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 and the Board of the Post graduate School. Candidates must achieve at least 50% in each of the core courses and specialization courses. They will also conduct and successfully defend a thesis. Minimum number of years for graduation is 2 years and a minimum CGPA of 3.0 on a 5 point scale is required for graduation.
# LIST OF COURSES FOR THE MASTER’S DEGREE

## ADULT HEALTH/MEDICAL/SURGICAL NURSING SPECIALIZATION

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## GENERAL COURSES

- Religion, Faith and Morality
- Statistics

## CORE COURSES

- Theoretical Basis of Nursing Practice
- Legal and Ethical Aspects of Nursing
- Contemporary Issues in Nursing
- Advanced Nursing Research
- Wholeness for Nurses
- Pharmacology in Advanced Nursing Practice
- Research/Dissertation

## MATERNAL & CHILD HEALTH

- Advanced Maternal & Child Health
- Advanced theories of MCH Nursing
- Management of a sick child
- Practicum in advanced MCH Nursing
- Seminar in Clinical Nursing

## ELECTIVES COURSES (any two courses in Nursing Education or Nursing Administration)

- Curriculum Development and Instruction
- Principles of Teaching and Learning in Nursing
- Measurement and Evaluation in Nursing Education
- Organization and Leadership Theories
- Leadership and Management in Nursing
- Health and Nursing Services Administration

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<td><strong>ELECTIVES COURSES</strong> (at least any course from other specialty area in 1st and 2nd semester)</td>
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**TOTAL (55)** | **19** | **24** | **6** | **6** |
**M. Sc. COURSE DESCRIPTION**

**NRSG 801: THEORETICAL BASIS OF NURSING PRACTICE** (2 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, critical analysis of the nursing process; application of nursing process to selected nursing situations. Examines theories and conceptual frameworks of nursing, ethics, leadership, models for providing care, and Restoration to the Image of God in regards to advanced practice of nursing. Explores feasibility, conceptual integrity, and congruence with personal values.

**GEDS 801: RELIGION, FAITH AND MORALITY** (2 units)
An in dept opportunity for the graduate student 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.

**GEDS 802: STATISTICS** (2 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; Test of hypothesis, F-test, t-test, X² test, analysis of variance- one factor experiment, two-factor experiment; Random numbers (distribution-probability 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.

**NRSG 802: LEGAL AND ETHICAL ASPECTS OF NURSING** (2 units)
The course is designed to provide in-depth knowledge on legal issues, regulations and ethics guiding nursing education, practice and research. Ethical values, ethical dilemmas, professional standards, roles of professional associations, rights and responsibilities of patients and nurses in health professions will be emphasized.

**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.

**NRSG 804: MANAGEMENT OF ACUTE/CHRONICALLY ILL PATIENTS** (3 Units)
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; 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. Application of nursing process to nursing care of these selected problems and critical care nursing.

NRSG 805: ADVANCED NURSING RESEARCH (2 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.

NRSG 806: ADVANCED PATHO-PHYSIOLOGY (3 units)
This course is an advanced study of human physiology with emphasis on pathophysiology 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.

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. Based several theoretical formulations, the student will perform in-depth assessment of client in all the five major areas of functioning: physiological, psychological, cultural, social and spiritual. The student will be able to identify pertinent stressors specific to each variable and demonstrate ability to explain the interplay of these stressors when planning holistic nursing care in diverse settings.

NRSG 808: WHOLENESS FOR NURSES (2 units)
This course explores spiritual needs within the context of health and illness and the incorporation of spiritual beliefs into the plan of care. Includes an assessment of how the client and one’s own individual spirituality affects health care behaviors.

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)
Exploration of the nursing approach to solving community health problems arising from 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 812: ADVANCED PRIMARY HEALTH CARE IN NURSING (3 units)
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 (3 units)
The course examines health promotion, assessment, diagnosis and management of mothers during prenatal, antenatal and postnatal periods. It will include analysis of contemporary challenges in maternal and child health in Nigeria and the role of the nurse in promoting healthy reproductive life. Advanced theoretical perspectives on the health problems and nursing management of selected high-risk pregnant women and fetuses. The concept of safe motherhood and integrated management of pregnancy.

NRSG 815: ADVANCED THEORIES AND PRACTICE OF MATERNAL CHILD HEALTH NURSING (3 units)
The course will undertake in-depth analysis of patho-physiological, psychological, cultural and other factors that can impact healthy reproductive and child health. It will also include appropriate strategies to enhance healthy reproductive and child health. Explores the development and substance of evidence-based practice in midwifery.
NRSG 816: MANAGEMENT OF A SICK CHILD (3 units)

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 psychiatric-mental 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. Psycho-dynamics 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 (3 units)
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 (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 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 (3 units)
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, constrains 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 (3 units)
The course will discuss the learning process, theory and research based principles of learning; learning environment in nursing; domains of learners; effective teaching techniques; types of teaching techniques; concepts of domains of learning; principles that guide planning, implementation, and evaluation of teaching and learning; learning theories, learning styles, and variations in learning.

NRSG 824: MEASUREMENT AND EVALUATION IN NURSING (3 units)
The course will discuss fundamental measurement and evaluation techniques in education that are directly applicable to nursing education, research and practice. It will include variety of statistical test to guarantee reliability and validity of measurement for general appraisal, teacher-made tests, clinical competency evaluation and other standardized evaluation tool.

NRSG 825: PRACTICUM IN NURSING EDUCATION (4 units)
Teaching practice will take place at designated centers. 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 (3 units)
Principles, theories and techniques or 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: 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 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 behavioral 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 in-depth analysis of a managerial issues/theory in nursing as a seminar.

**NRSG 831: SEMINAR IN CLINICAL NURSING**  
*(2 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 899: RESEARCH/ DISSERTATION**  
*(6 units)*
Student for the M.Sc. (Nursing) degree will submit a thesis based on original research work carried out during the course of study. This thesis will be examined in partial fulfillment of the requirements for the degree and in accordance with the University Regulations.

**LIST OF EXISTING ACADEMIC STAFF FOR THE POSTGRADUATE PROGRAM**

<table>
<thead>
<tr>
<th>NAME OF ACADEMIC STAFF</th>
<th>AREA OF SPECIALIZATION</th>
<th>DISCIPLINE</th>
<th>QUALIFICATION</th>
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<tbody>
<tr>
<td>Ajao Ezekiel</td>
<td>Community Health Nursing/ Nursing Education</td>
<td>Nursing</td>
<td>RN, RNT,RPHN, Ph.D, FWACN</td>
<td>Professor</td>
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<tr>
<td>Aina Joseph O.</td>
<td>Mental Health Nursing Administration/Education</td>
<td>Nursing</td>
<td>RN, Ph.D.,FWACN</td>
<td>Professor</td>
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<tr>
<td>Fashina Esther M.</td>
<td>Adult Health Nursing Nursing Education b</td>
<td>Nursing</td>
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<td>Professor</td>
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<tr>
<td>Sowunmi, C.</td>
<td>Maternal and Child Health Nursing</td>
<td>Nursing</td>
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<tr>
<td>Kio, J.O.</td>
<td>Community Health Nursing</td>
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<td>Popoola, R.O.</td>
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<td>Okafor, N.A.</td>
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<td>Awoniyi Andrew A.</td>
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<td>Kio, Janet O.</td>
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<td>Anatomy/Surgery</td>
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<tr>
<td>Ani, I</td>
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<td>Ojewole, T.</td>
<td>Religious Studies</td>
<td>Religious Studies</td>
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<td>Ariyo, M.</td>
<td>Internal Medicine</td>
<td>Medicine</td>
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<td>Sotunsu, J. O</td>
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<td>Bello, A.O.</td>
<td>Psychiatric</td>
<td>Medicine</td>
<td>Lecturer I</td>
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</table>
VISITOR AND PRINCIPAL OFFICERS OF THE UNIVERSITY

Pastor Prof. Jan Paulsen, Th.D - Visitor
Pastor Gilbert Wari, DMin. - Chancellor
Pastor Oyeleke Owolabi, PhD, DMin - Pro-Chancellor

PRINCIPAL OFFICERS

Prof. J. A. Kayode Makinde
Vice-Chancellor (President)
B. A. 1978 Business Administration
M. A. 1980 History, Andrews University
Dip. 1984 French, Clermont Ferrand
M. Phil 1985 Political Science (Islam) Universite de Bourdeaux
Ph.D. 1989 Political Science (Islam) Universite de Bourdeaux

Prof. Iheanyi Okoro
Deputy Vice-Chancellor
(Senior Vice President/Provost, College of Medicine)
MBBS 1979 University of Ibadan
FMCS 1987 National Postgraduate Medical College
FWACS 1990 West African College of Surgeons
FICS 2003 International College of Surgeons

Mr. Luke N. Onuoha
Bursar (Vice President for Financial Affairs)
HND 1986 Business Admin., Polytechnic Calabar
FCA 1992 Institute of Chartered Accountants of Nigeria
M.B.A. 1999 Accounting and Finance, Ogun State University

Dr. (Mrs.) Janet O. Ola
(Vice-President for Student Development & Services)
B. A. 1979 Business Administration, Andrews University
M. A. 1988 Developmental Psychology, Andrews University
Ed.D. 2003 Educational Psychology, Andrews University

Mr. Olukunle Iyanda
(Vice President for Development and Strategy)
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